

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
 Data File : VN054459.D
 Acq On : 20 Mar 2019 11:41
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 20 12:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 12:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	516776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	833986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	728645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	340822	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	337866	61.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.12%	
35) Dibromofluoromethane	7.59	113	277925	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.09	98	1031884	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	350889	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	254766	52.017	ug/l	100
3) Chloromethane	2.06	50	342480	71.987	ug/l	99
4) Vinyl Chloride	2.19	62	349542	64.281	ug/l	100
5) Bromomethane	2.57	94	206980	54.959	ug/l	97
6) Chloroethane	2.71	64	201967	61.387	ug/l	100
7) Trichlorofluoromethane	3.02	101	417853	57.798	ug/l	97
8) Diethyl Ether	3.41	74	158130	47.998	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	3.75	101	237225	43.788	ug/l	97
10) Methyl Iodide	3.94	142	371158	52.074	ug/l	95
11) Tert butyl alcohol	4.82	59	105513	280.442	ug/l	98
12) 1,1-Dichloroethene	3.73	96	250228	46.608	ug/l	88
13) Acrolein	3.61	56	138907	389.621	ug/l	99
14) Allyl chloride	4.32	41	477494	69.320	ug/l #	92
15) Acrylonitrile	5.00	53	514565	332.949	ug/l	99
16) Acetone	3.82	43	516013	328.380	ug/l	88
17) Carbon Disulfide	4.04	76	655078	48.674	ug/l	99
18) Methyl Acetate	4.33	43	223223	70.214	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	754661	56.710	ug/l	96
20) Methylene Chloride	4.55	84	278936	54.060	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	263115	51.150	ug/l	86
22) Diisopropyl ether	5.96	45	956678	69.588	ug/l #	96
23) Vinyl Acetate	5.90	43	3567699	351.972	ug/l #	94
24) 1,1-Dichloroethane	5.85	63	513290	58.149	ug/l	97
25) 2-Butanone	6.85	43	687689	372.866	ug/l	90
26) 2,2-Dichloropropane	6.82	77	372959	48.045	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	307342	53.556	ug/l	90
28) Bromochloromethane	7.19	49	255165	70.709	ug/l #	79
29) Tetrahydrofuran	7.22	42	442846	373.446	ug/l #	86
30) Chloroform	7.37	83	500272	54.312	ug/l	98
31) Cyclohexane	7.65	56	486385	51.189	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	422989	50.847	ug/l	97
36) 1,1-Dichloropropene	7.79	75	384744	50.095	ug/l	96
37) Ethyl Acetate	6.94	43	292066	66.183	ug/l	97
38) Carbon Tetrachloride	7.77	117	373650	46.392	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	440131	46.576	ug/l	91
40) Benzene	8.04	78	1122527	51.075	ug/l	100
41) Methacrylonitrile	7.18	41	167684	66.549	ug/l	90
42) 1,2-Dichloroethane	8.12	62	401185	54.067	ug/l	97
43) Isopropyl Acetate	8.17	43	496497	64.097	ug/l #	94
44) Trichloroethene	8.83	130	307317	45.012	ug/l	95
45) 1,2-Dichloropropane	9.12	63	309873	56.781	ug/l	98
46) Dibromomethane	9.21	93	182501	49.494	ug/l	92
47) Bromodichloromethane	9.40	83	380551	51.481	ug/l	98
48) Methyl methacrylate	9.20	41	261431	66.505	ug/l	88
49) 1,4-Dioxane	9.20	88	59522	1070.475	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	1399868	341.493	ug/l	95
52) Toluene	10.16	92	690991	49.585	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	376481	50.040	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	450998	52.356	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	253653	49.850	ug/l	97
56) Ethyl methacrylate	10.43	69	353746	58.304	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	438618	52.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	731536	318.293	ug/l	92
59) 2-Hexanone	10.75	43	904628	331.653	ug/l	94
60) Dibromochloromethane	10.90	129	279018	48.717	ug/l	99
61) 1,2-Dibromoethane	11.00	107	254133	49.147	ug/l	98
64) Tetrachloroethene	10.63	164	295754	41.981	ug/l	96
65) Chlorobenzene	11.43	112	734432	45.905	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	274404	47.213	ug/l	99
67) Ethyl Benzene	11.51	91	1303182	49.137	ug/l	99
68) m/p-Xylenes	11.62	106	988046	95.319	ug/l	98
69) o-Xylene	11.95	106	481882	47.688	ug/l	99
70) Styrene	11.96	104	807301	50.941	ug/l	98
71) Bromoform	12.13	173	174436	45.343	ug/l #	98
73) Isopropylbenzene	12.25	105	1258656	46.159	ug/l	99
74) N-amyl acetate	12.07	43	410354	67.798	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	305619	52.606	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	371814	74.186	ug/l #	100
77) Bromobenzene	12.53	156	318094	44.085	ug/l	88
78) n-propylbenzene	12.59	91	1393209	47.088	ug/l	98
79) 2-Chlorotoluene	12.67	91	849529	47.753	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	1054962	46.513	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	71403	48.701	ug/l	86
82) 4-Chlorotoluene	12.77	91	850574	47.882	ug/l	97
83) tert-Butylbenzene	12.99	119	914856	43.822	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1055223	47.423	ug/l	99
85) sec-Butylbenzene	13.17	105	1135153	41.928	ug/l	98
86) p-Isopropyltoluene	13.29	119	1039989	43.785	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	547124	45.000	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	532290	44.566	ug/l	99
89) n-Butylbenzene	13.61	91	852132	47.217	ug/l	98
90) Hexachloroethane	13.87	117	166458	42.324	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	533158	44.856	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50031	55.652	ug/l	86

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Quant Title : SW846 8260
QLast Update : Wed Mar 20 12:05:59 2019
Response via : Initial Calibration

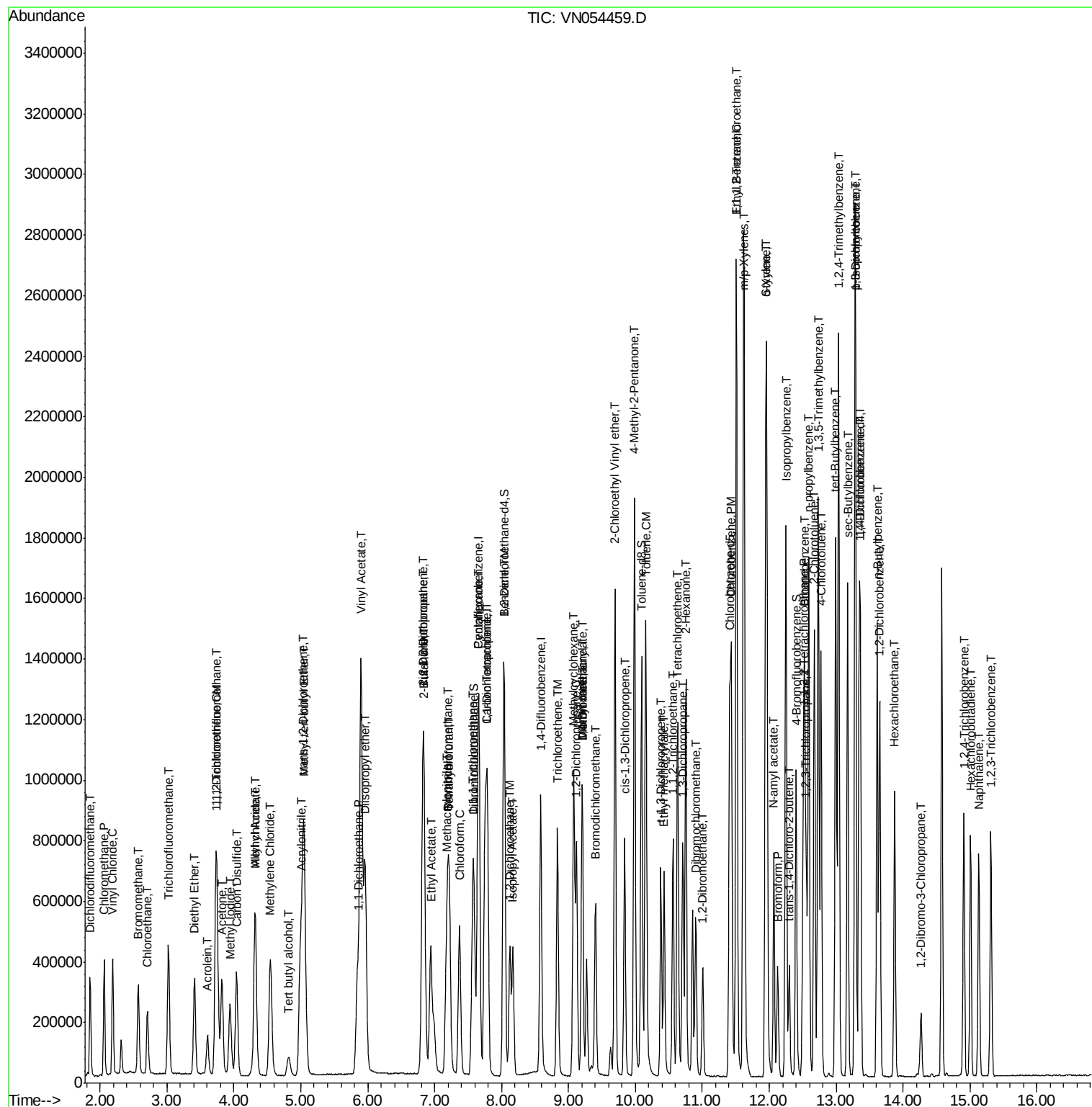
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	284985	46.392	ug/l	100
94) Hexachlorobutadiene	15.01	225	160586	35.470	ug/l	99
95) Naphthalene	15.13	128	643916	50.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	284147	44.994	ug/l	99

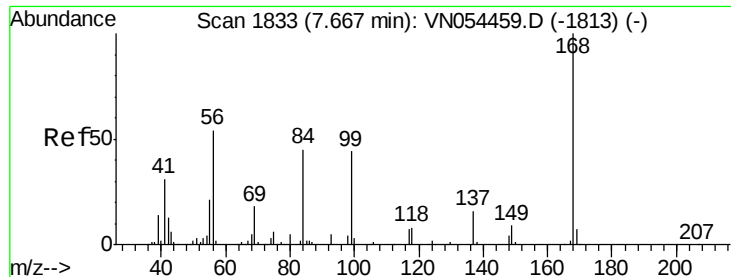
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

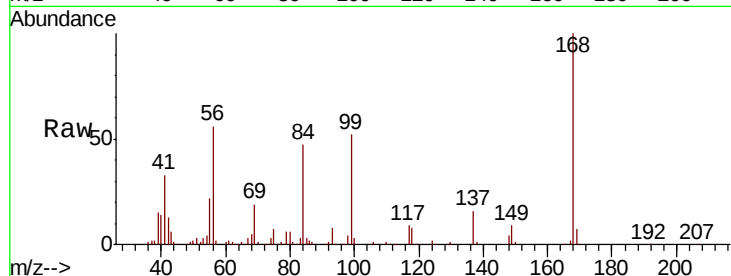
VSTDICCC050

Tgt Ion: 168 Resp: 516776

Ion Ratio Lower Upper

168 100

99 50.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

150000

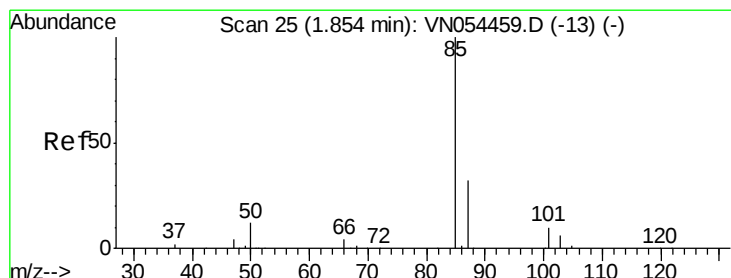
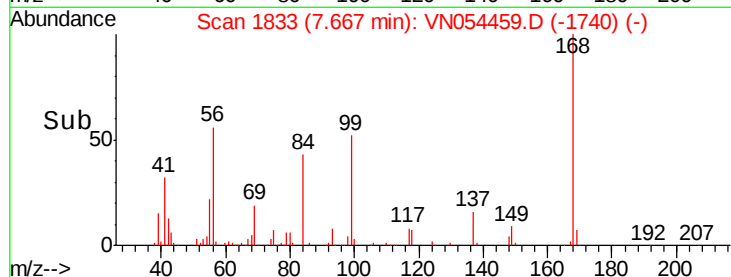
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 52.017 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054459.D

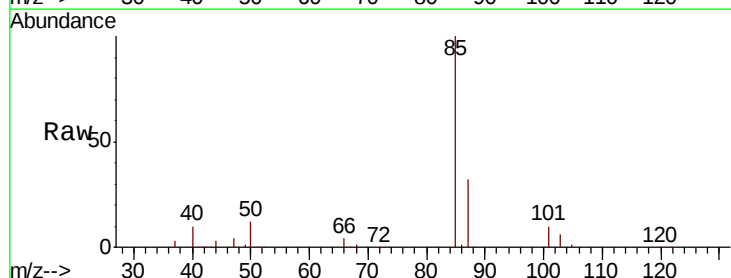
Acq: 20 Mar 2019 11:41

Tgt Ion: 85 Resp: 254766

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN054459.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN054459.D (-13) (-)

1.85

200000

150000

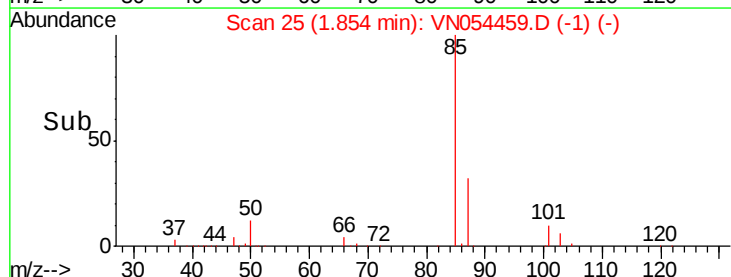
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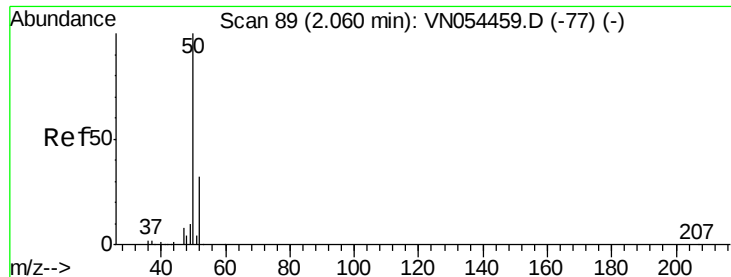
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 71.987 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

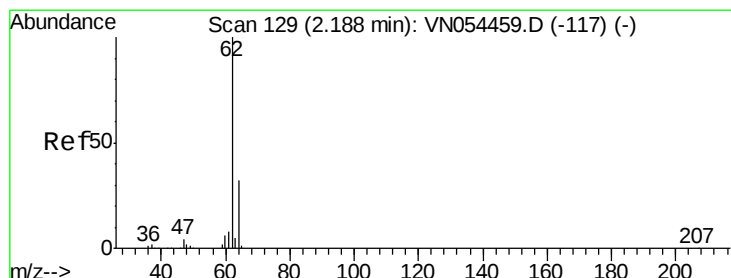
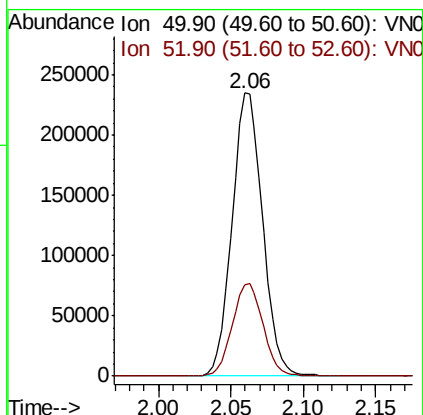
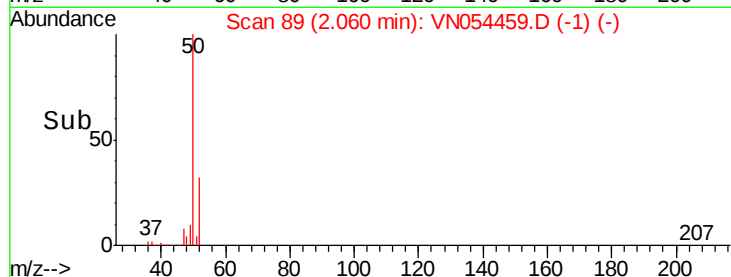
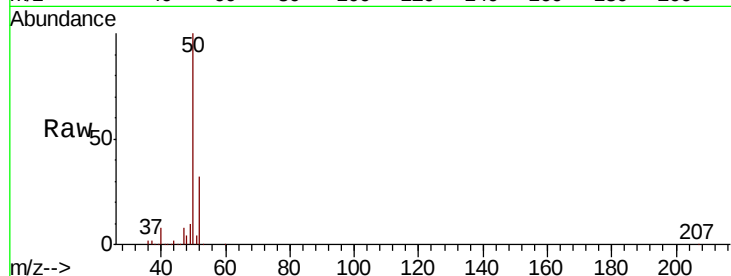
VSTDICCC050

Tgt Ion: 50 Resp: 342480

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



#4

Vinyl Chloride

Concen: 64.281 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054459.D

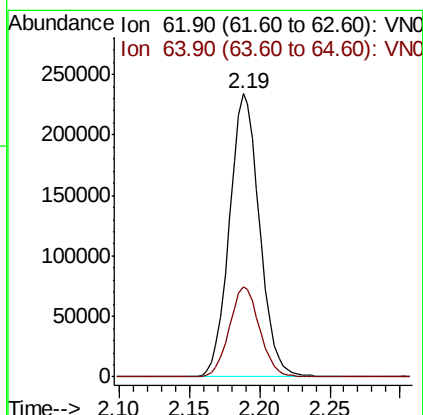
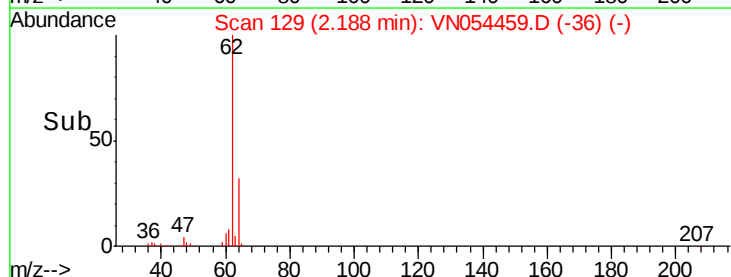
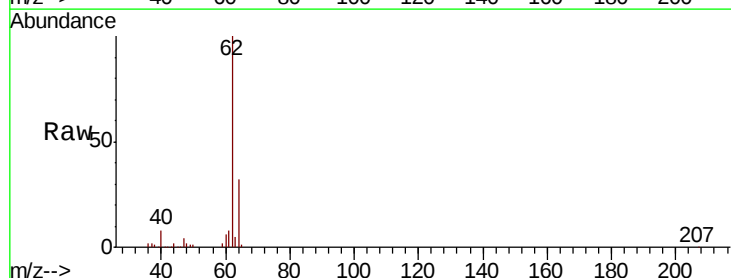
Acq: 20 Mar 2019 11:41

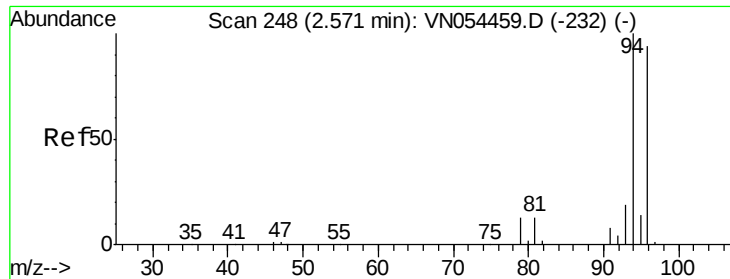
Tgt Ion: 62 Resp: 349542

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 54.959 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

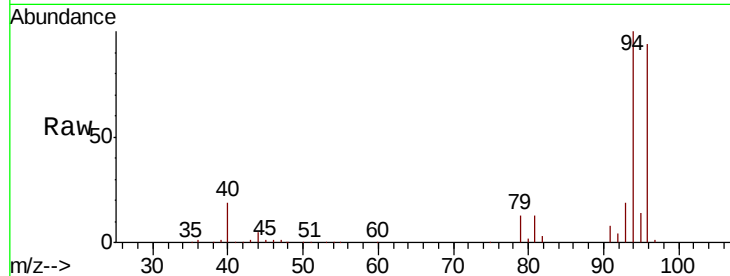
VSTDICCC050

Tgt Ion: 94 Resp: 206980

Ion Ratio Lower Upper

94 100

96 93.7 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

120000

100000

80000

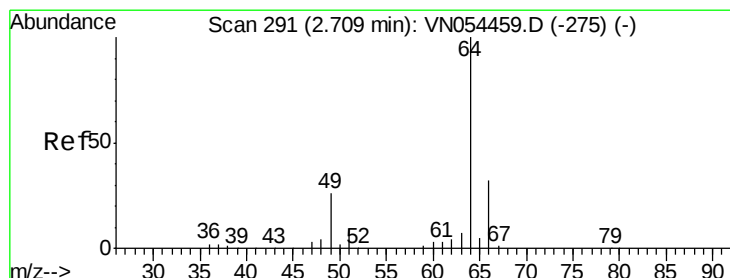
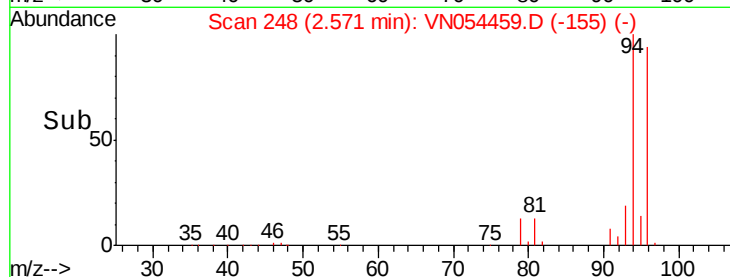
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 61.387 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054459.D

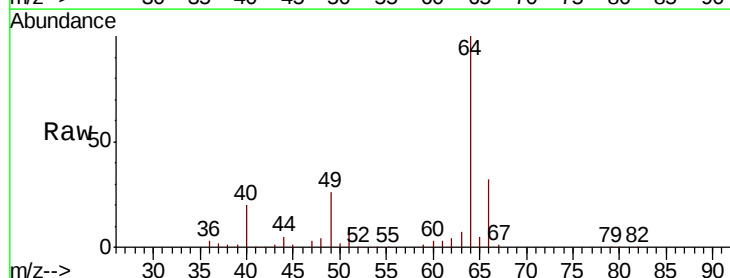
Acq: 20 Mar 2019 11:41

Tgt Ion: 64 Resp: 201967

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

120000

100000

80000

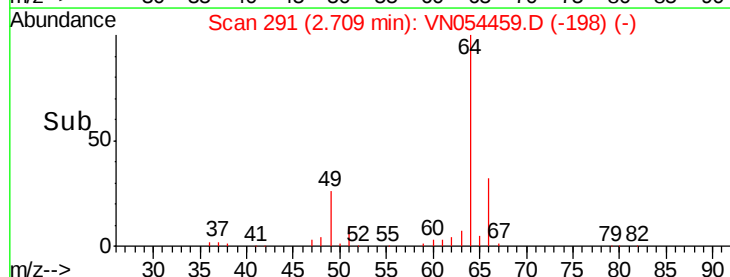
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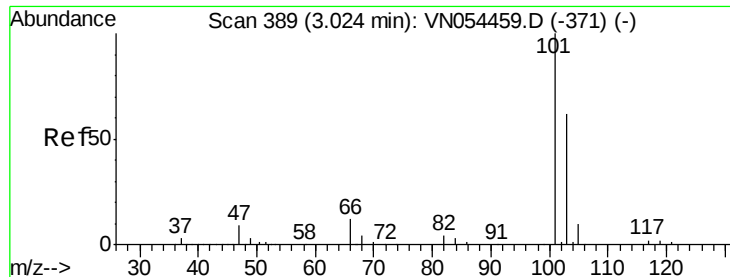
40000

20000

0

Time-->



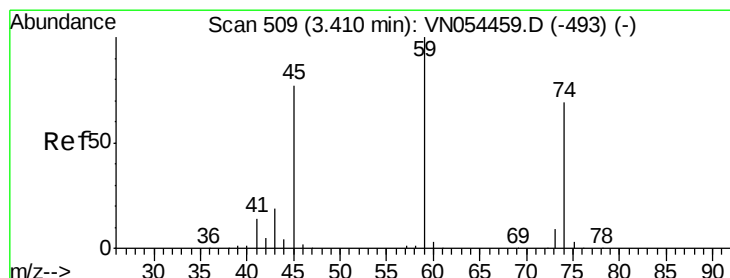
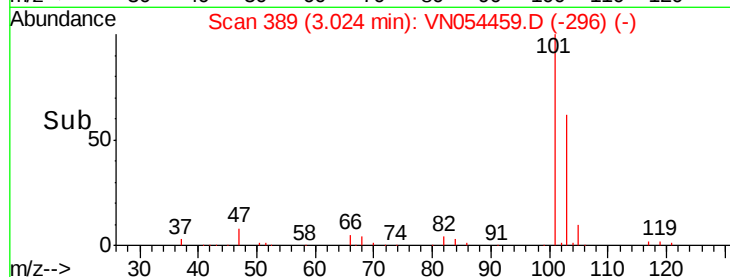
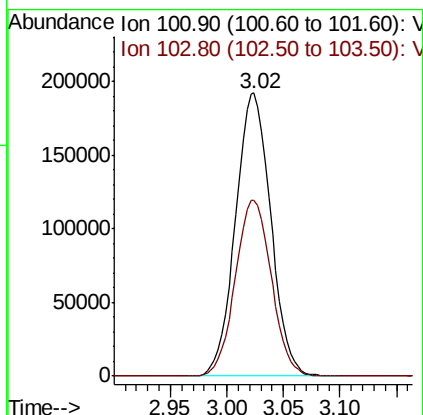
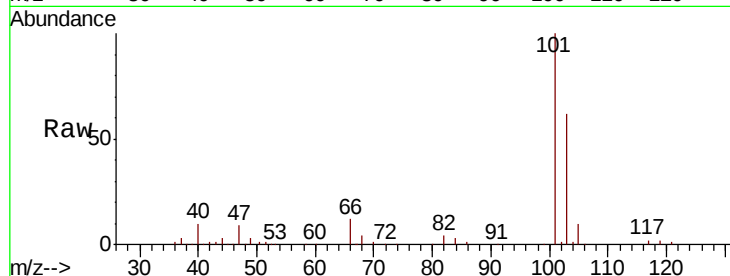


#7

Trichlorofluoromethane
Concen: 57.798 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

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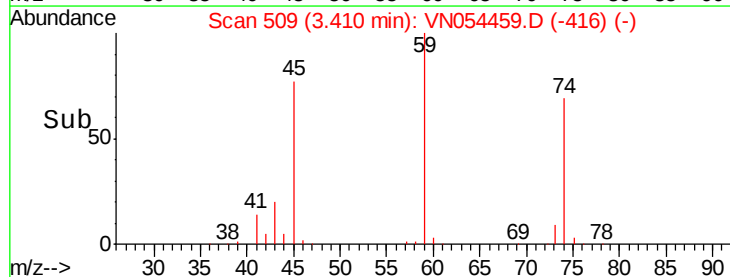
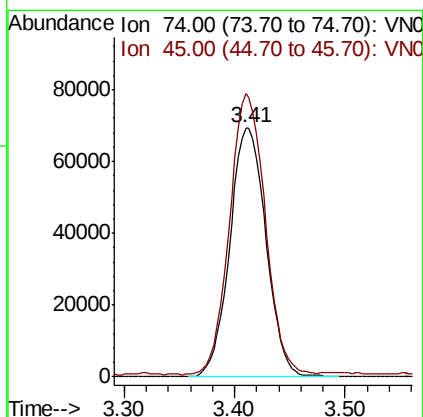
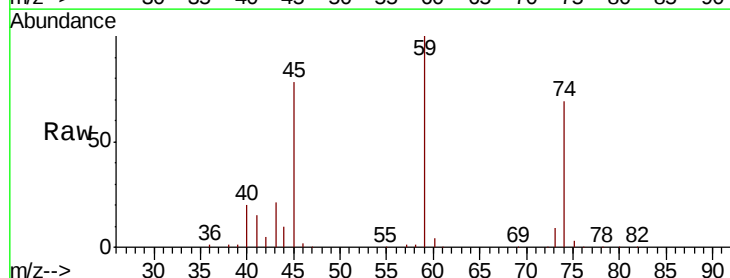
Tgt Ion:101 Resp: 417853
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.2

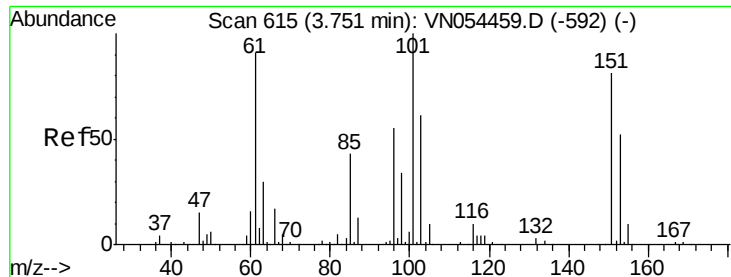


#8

Diethyl Ether
Concen: 47.998 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 74 Resp: 158130
Ion Ratio Lower Upper
74 100
45 111.0 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.788 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

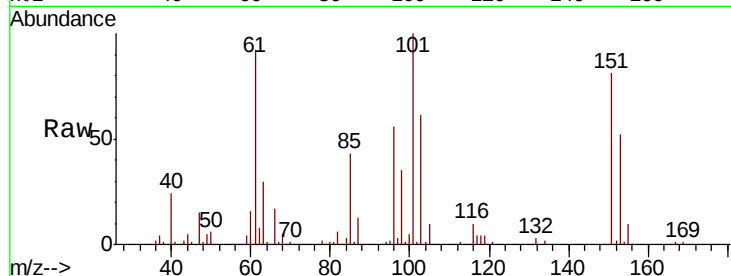
Tgt Ion:101 Resp: 237225

Ion Ratio Lower Upper

101 100

85 43.6 32.4 48.6

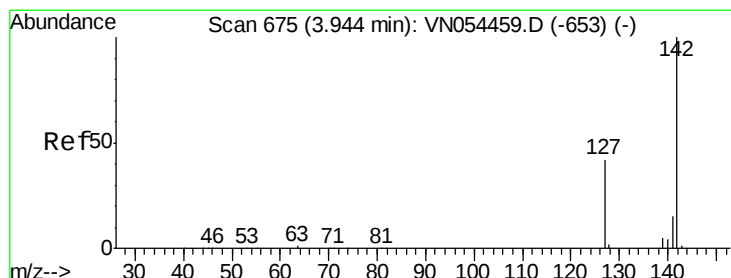
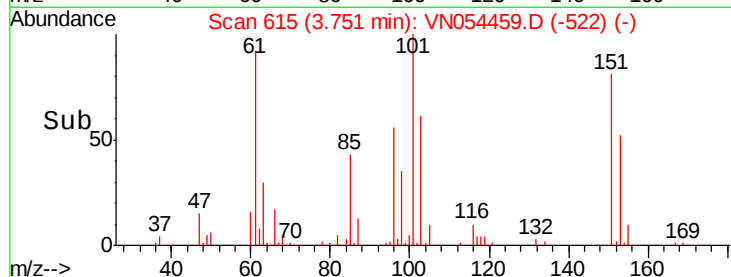
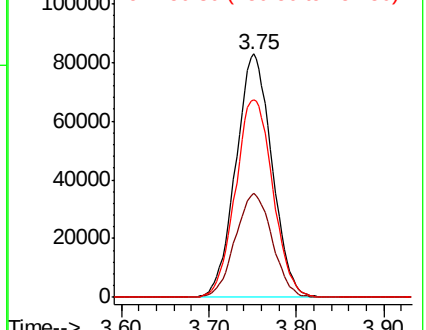
151 84.0 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.074 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

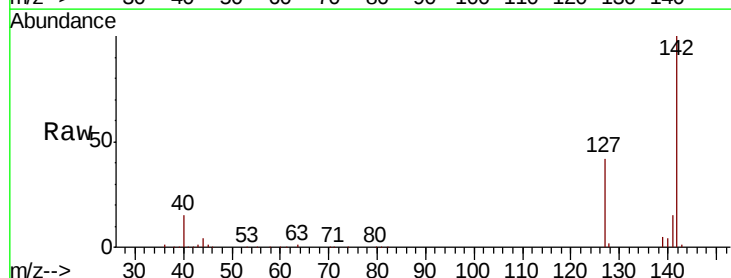
Tgt Ion:142 Resp: 371158

Ion Ratio Lower Upper

142 100

127 41.8 30.3 45.5

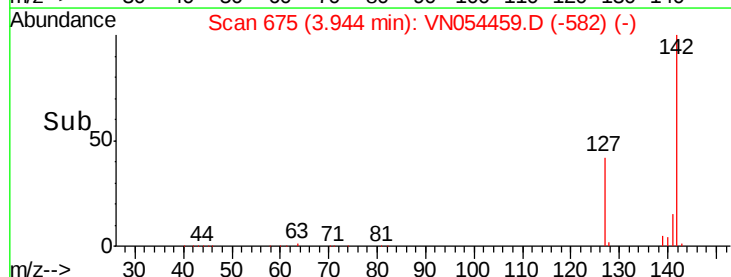
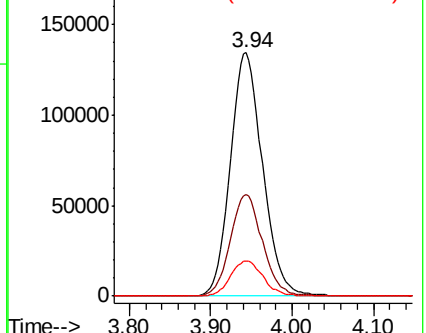
141 14.6 11.2 16.8

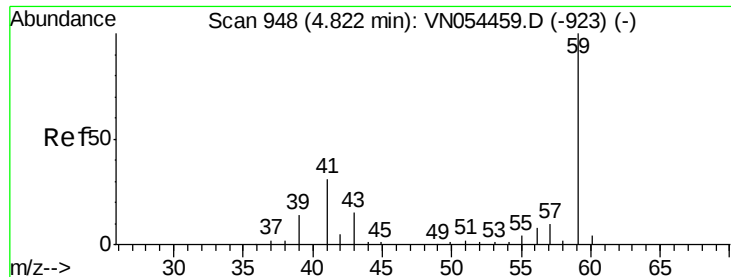


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

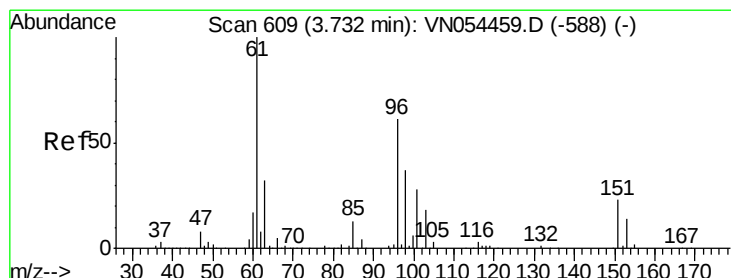
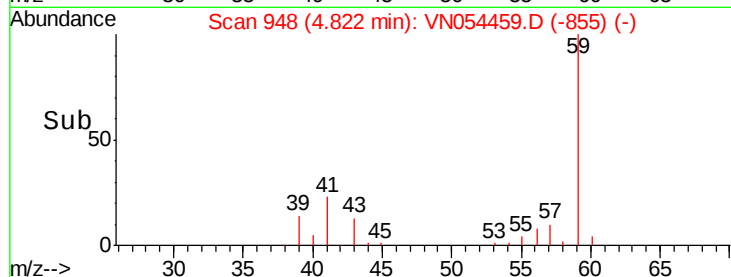
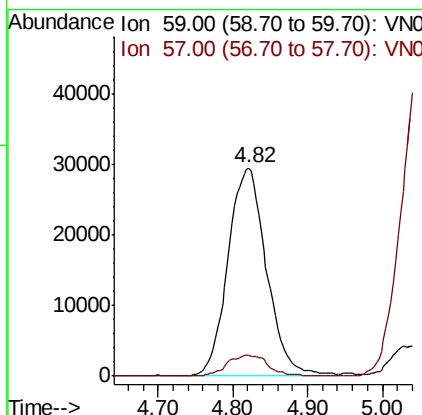
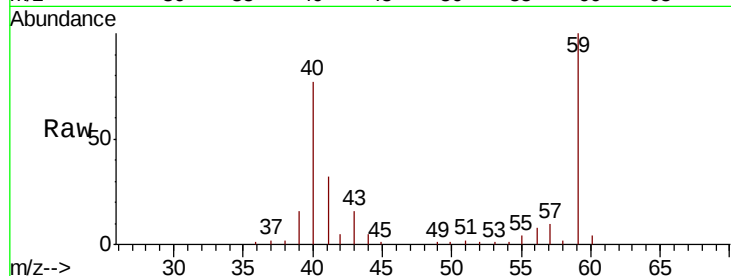




#11
Tert butyl alcohol
Concen: 280.442 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

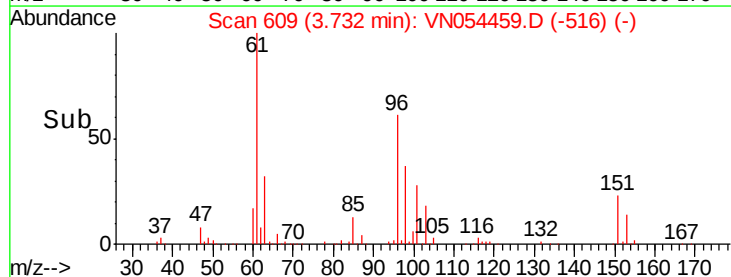
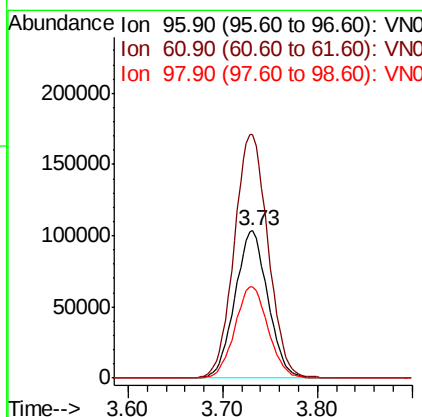
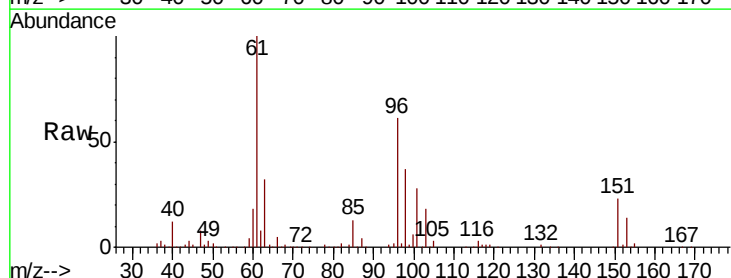
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

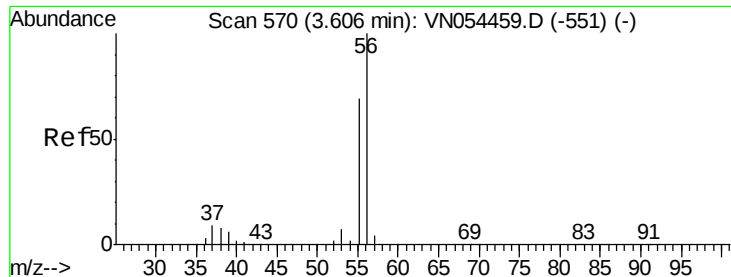
Tgt Ion: 59 Resp: 105513
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.6



#12
1,1-Dichloroethene
Concen: 46.608 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 96 Resp: 250228
Ion Ratio Lower Upper
96 100
61 164.8 116.5 174.7
98 61.6 51.0 76.4

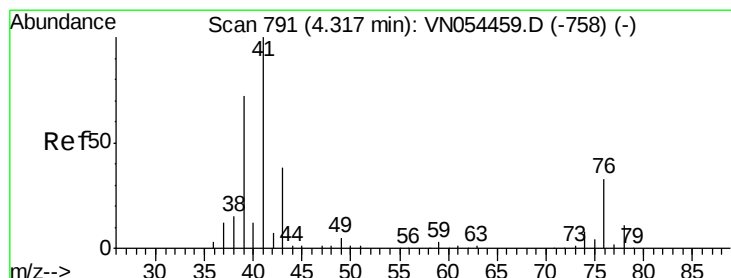
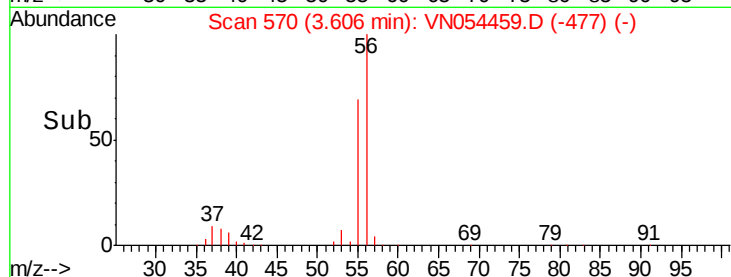
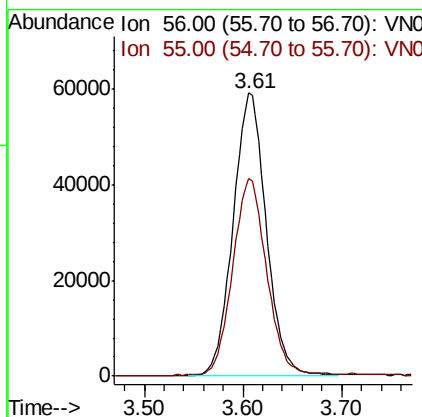
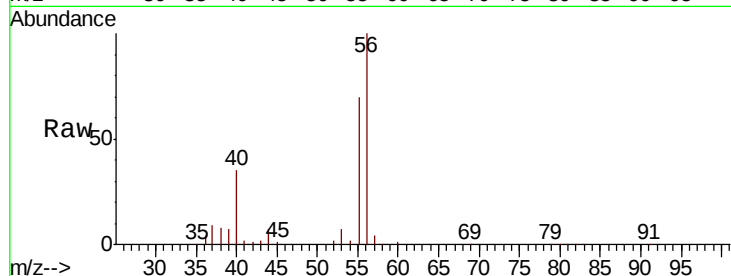




#13
Acrolein
Concen: 389.621 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

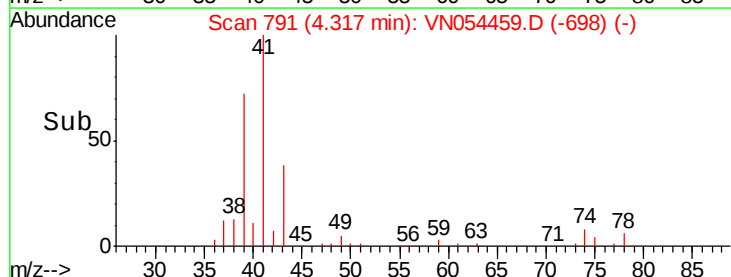
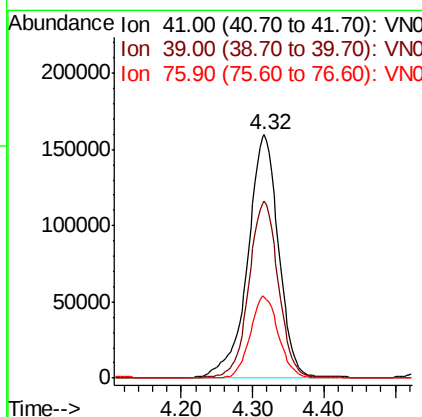
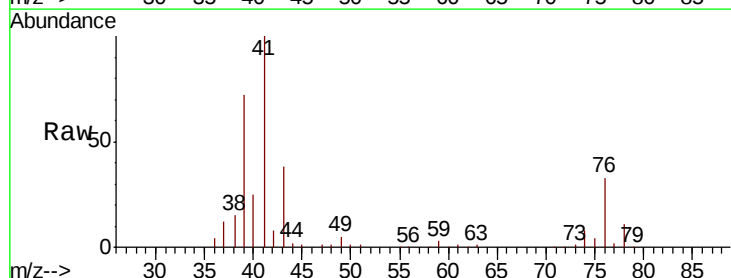
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

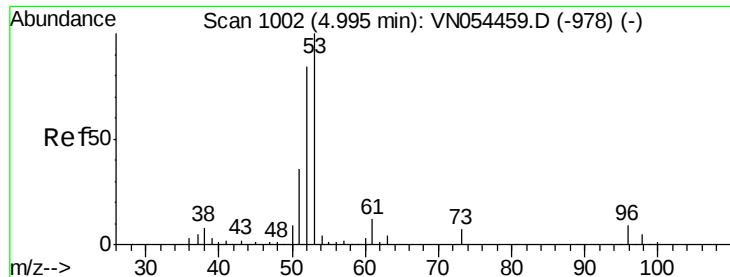
Tgt Ion: 56 Resp: 138907
Ion Ratio Lower Upper
56 100
55 70.0 56.7 85.1



#14
Allyl chloride
Concen: 69.320 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 41 Resp: 477494
Ion Ratio Lower Upper
41 100
39 69.0 58.2 87.4
76 30.6 31.7 47.5#

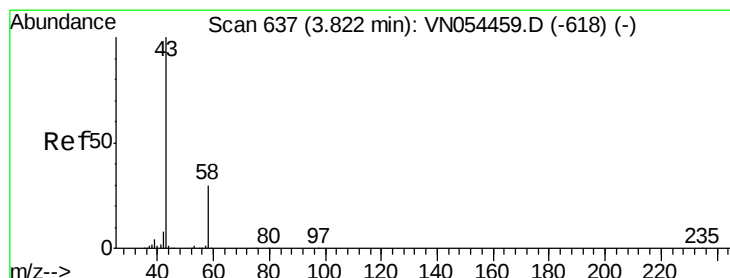
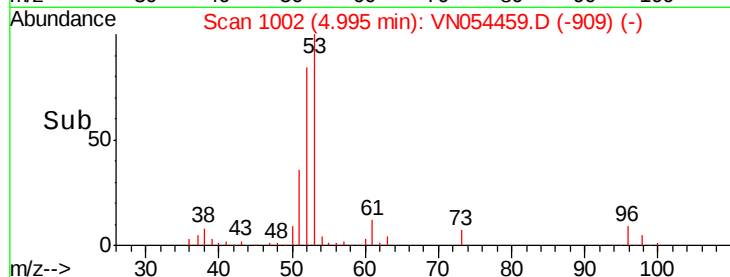
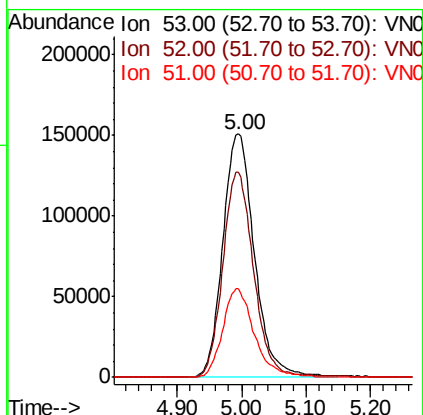
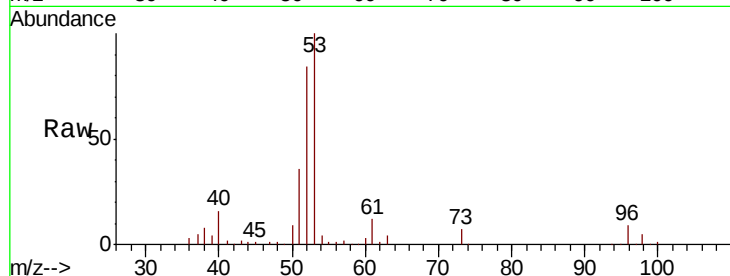




#15
 Acrylonitrile
 Concen: 332.949 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

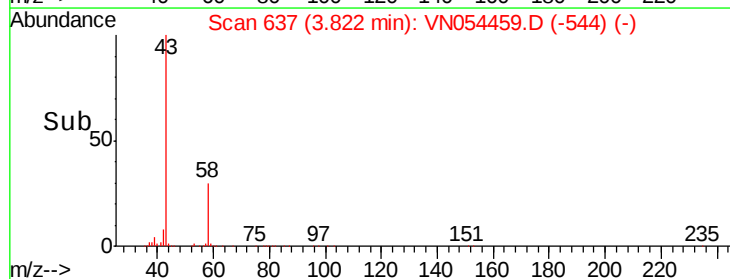
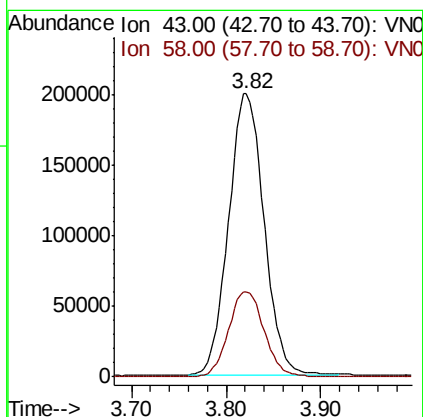
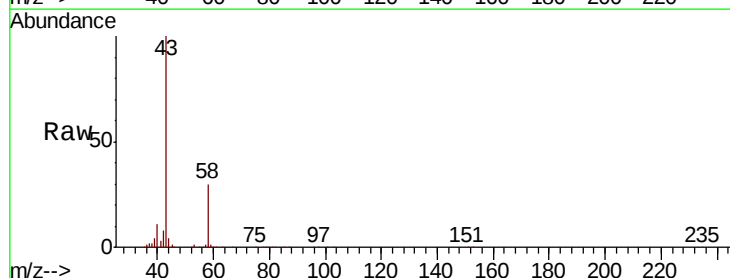
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

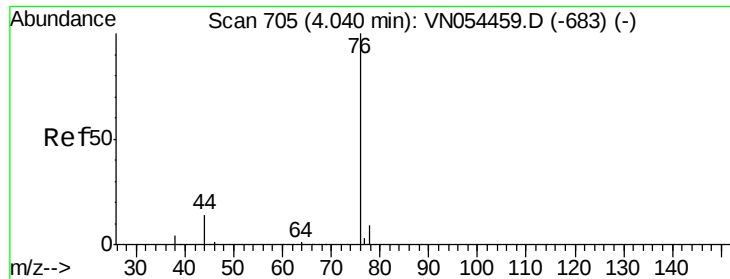
Tgt Ion: 53 Resp: 514565
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.4 99.6
 51 36.5 29.6 44.4



#16
 Acetone
 Concen: 328.380 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion: 43 Resp: 516013
 Ion Ratio Lower Upper
 43 100
 58 30.3 29.9 44.9

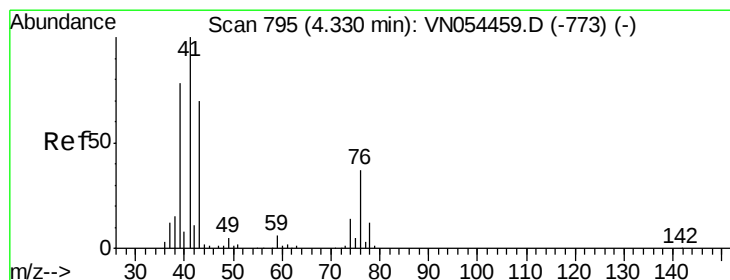
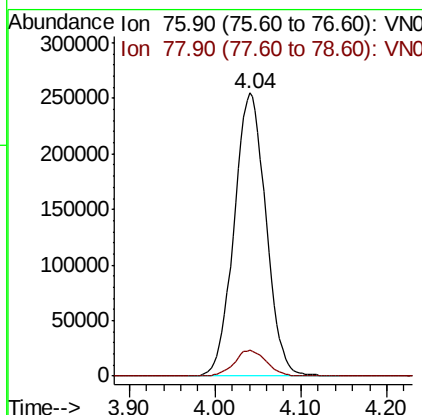
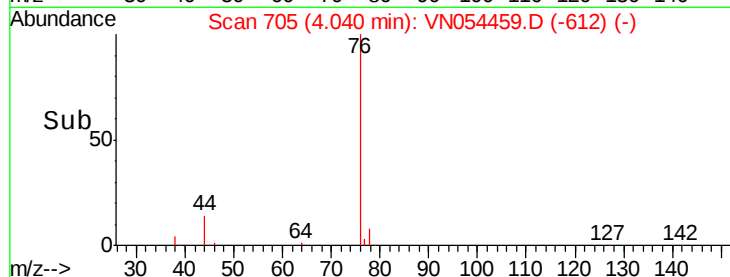
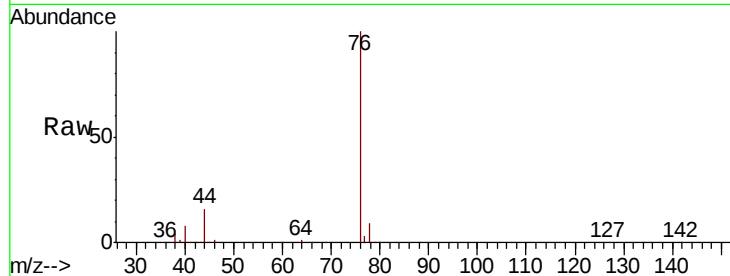




#17
Carbon Disulfide
Concen: 48.674 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

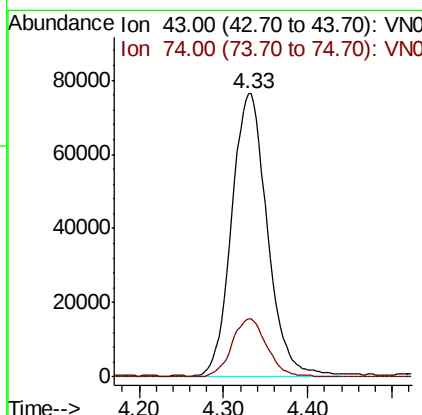
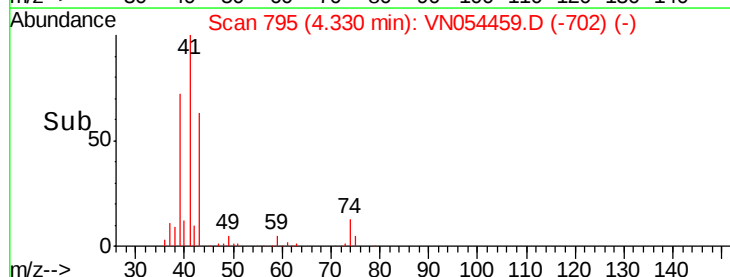
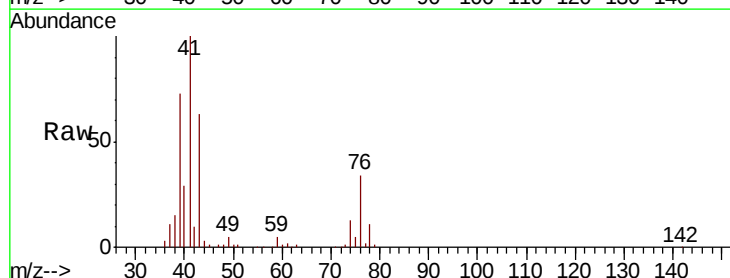
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

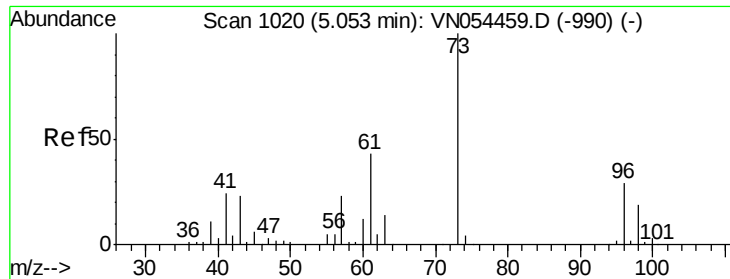
Tgt Ion: 76 Resp: 655078
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 70.214 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 43 Resp: 223223
Ion Ratio Lower Upper
43 100
74 20.4 20.8 31.2#

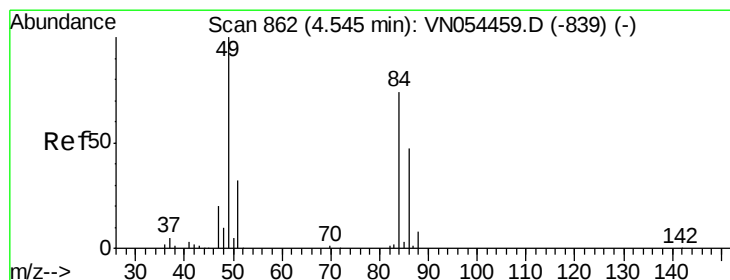
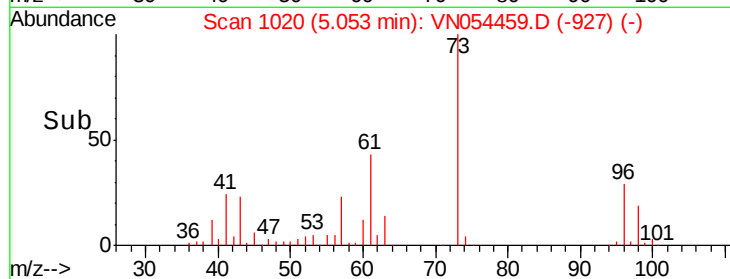
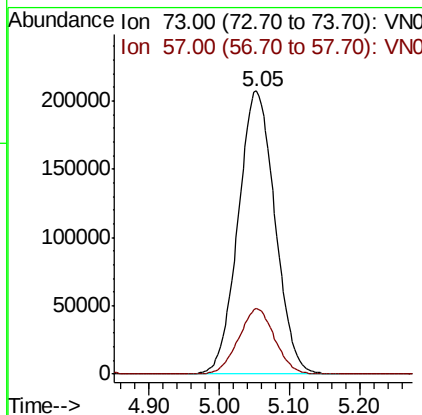
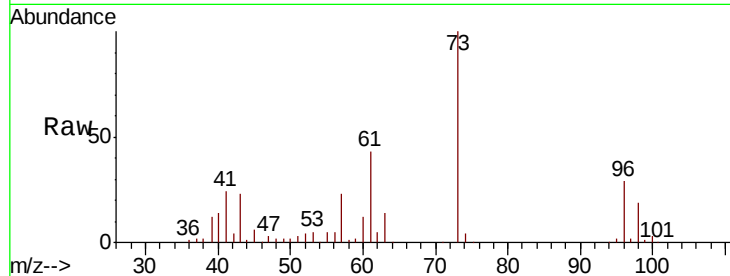




#19
Methyl tert-butyl Ether
Concen: 56.710 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

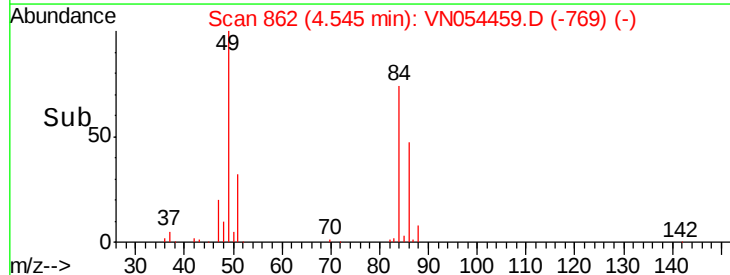
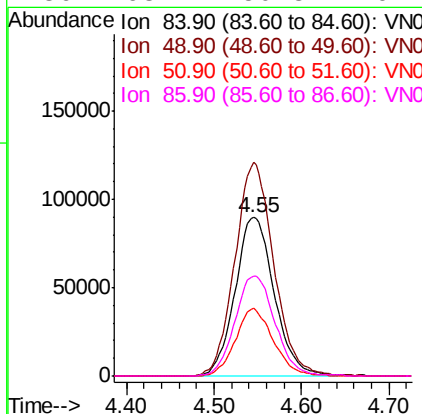
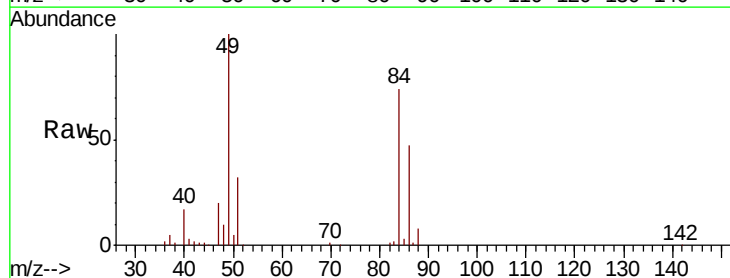
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

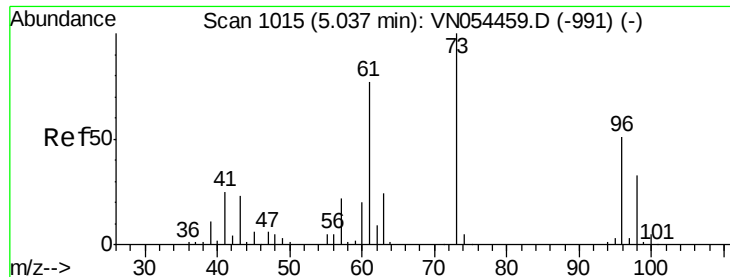
Tgt Ion: 73 Resp: 754661
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2



#20
Methylene Chloride
Concen: 54.060 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 84 Resp: 278936
Ion Ratio Lower Upper
84 100
49 134.9 89.7 134.5#
51 42.6 28.2 42.4#
86 63.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.150 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

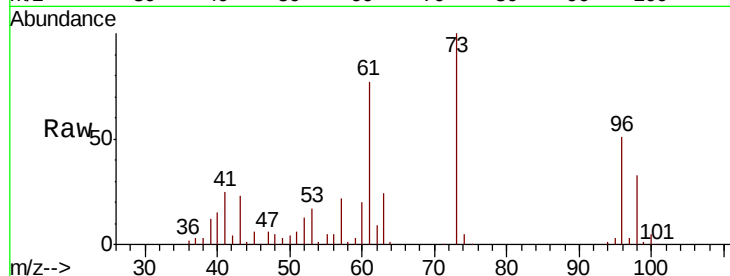
Tgt Ion: 96 Resp: 263115

Ion Ratio Lower Upper

96 100

61 151.2 102.8 154.2

98 64.4 50.0 75.0

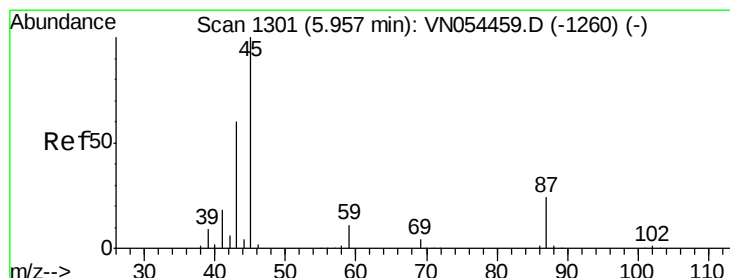
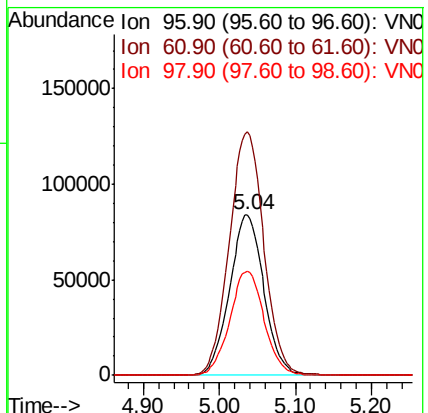
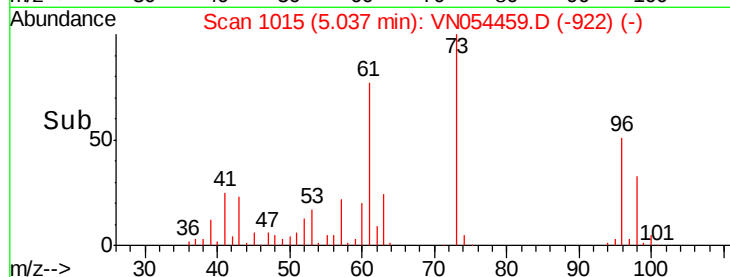


Abundance Ion 95.90 (95.60 to 96.60): VN054459.D (-991) (-)

Ion 60.90 (60.60 to 61.60): VN054459.D (-991) (-)

Ion 97.90 (97.60 to 98.60): VN054459.D (-991) (-)

Time-->



#22

Diisopropyl ether

Concen: 69.588 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Tgt Ion: 45 Resp: 956678

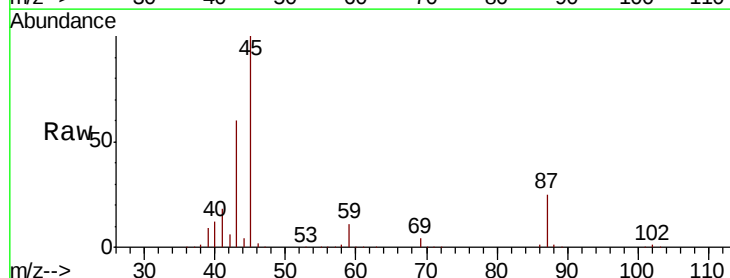
Ion Ratio Lower Upper

45 100

43 60.2 48.2 72.2

87 24.5 24.9 37.3#

59 10.8 9.5 14.3



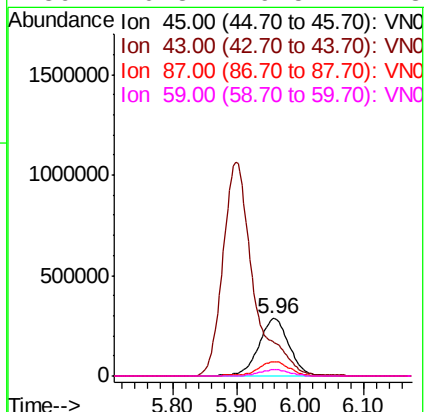
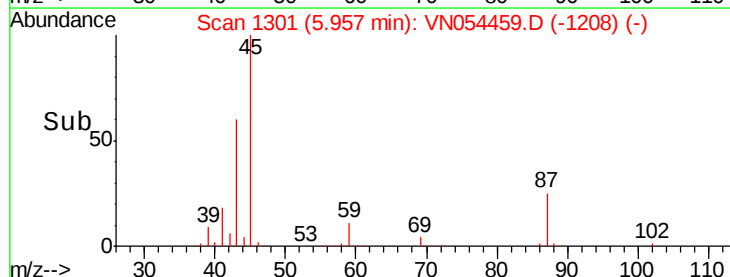
Abundance Ion 45.00 (44.70 to 45.70): VN054459.D (-1260) (-)

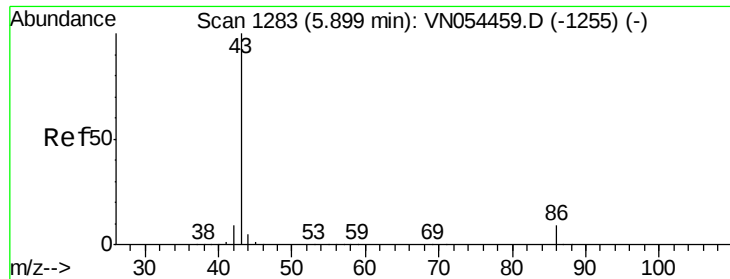
Ion 43.00 (42.70 to 43.70): VN054459.D (-1260) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1260) (-)

Ion 59.00 (58.70 to 59.70): VN054459.D (-1260) (-)

Time-->





#23

Vinyl Acetate

Concen: 351.972 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

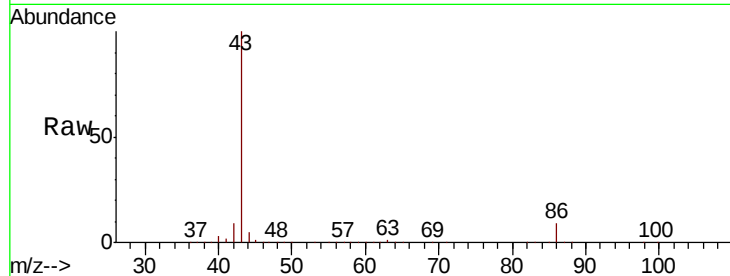
VSTDICCC050

Tgt Ion: 43 Resp: 3567699

Ion Ratio Lower Upper

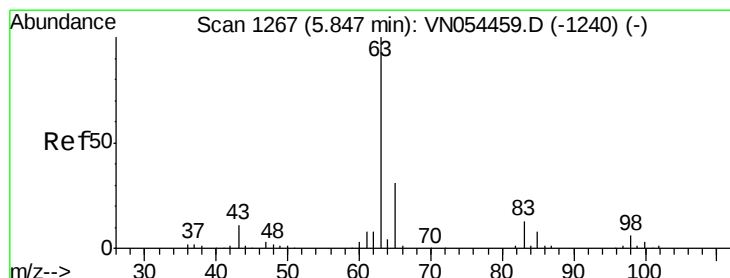
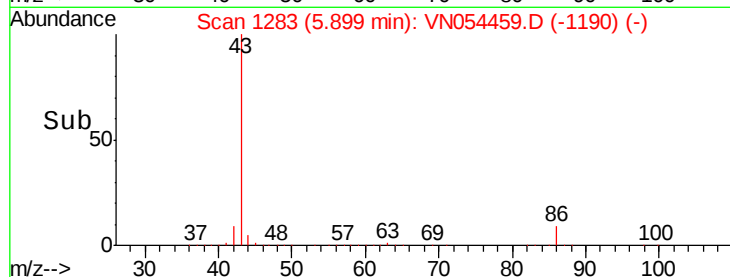
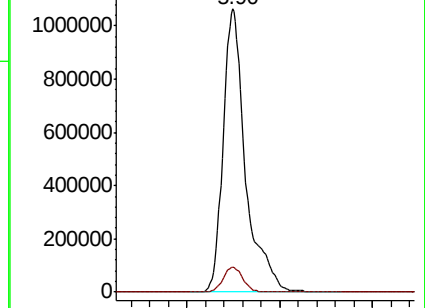
43 100

86 8.9 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN054459.D (-1255) (-)



#24

1,1-Dichloroethane

Concen: 58.149 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

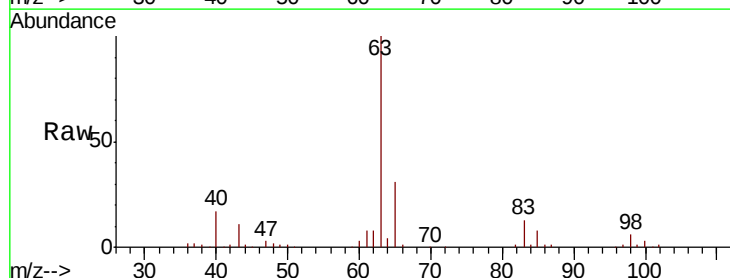
Tgt Ion: 63 Resp: 513290

Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.5

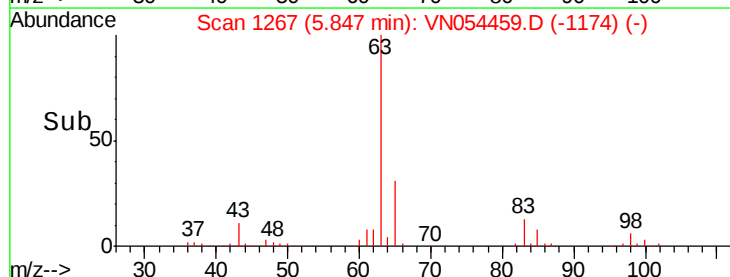
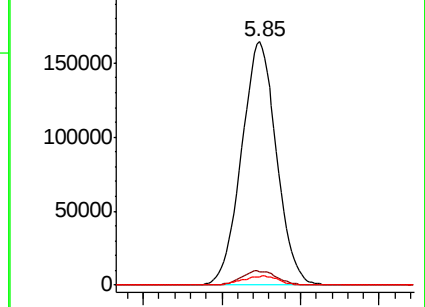
100 3.5 2.0 6.0

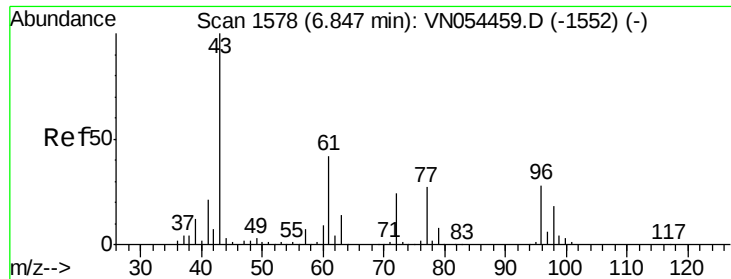


Abundance Ion 62.90 (62.60 to 63.60): VN054459.D (-1240) (-)

Ion 97.90 (97.60 to 98.60): VN054459.D (-1240) (-)

Ion 99.90 (99.60 to 100.60): VN054459.D (-1240) (-)





#25

2-Butanone

Concen: 372.866 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

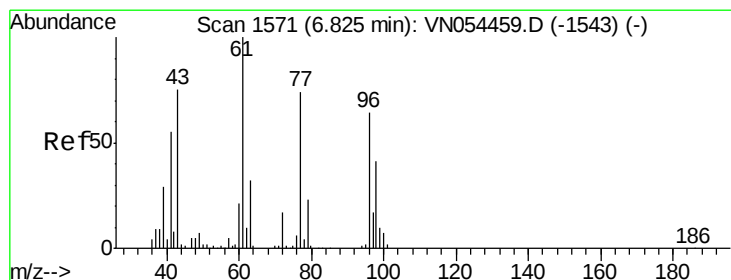
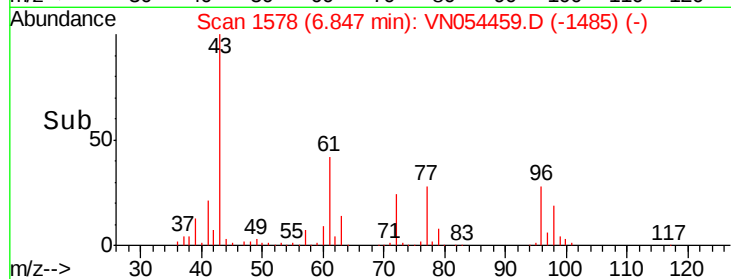
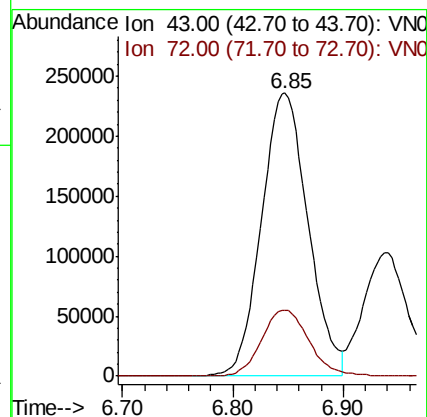
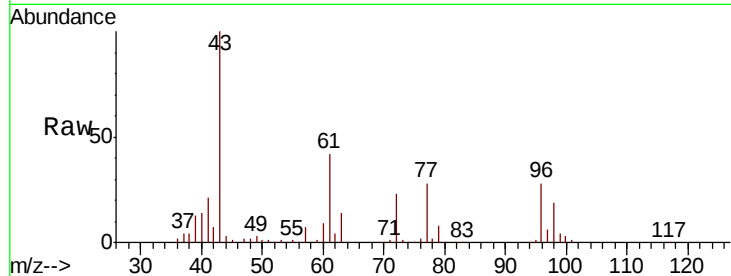
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tgt Ion: 43 Resp: 687689

Ion Ratio Lower Upper

43 100

72 23.5 23.0 34.6



#26

2,2-Dichloropropane

Concen: 48.045 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054459.D

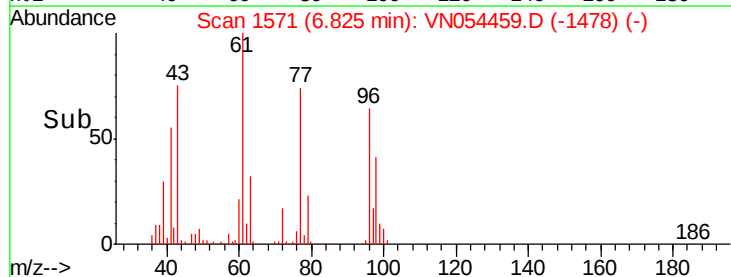
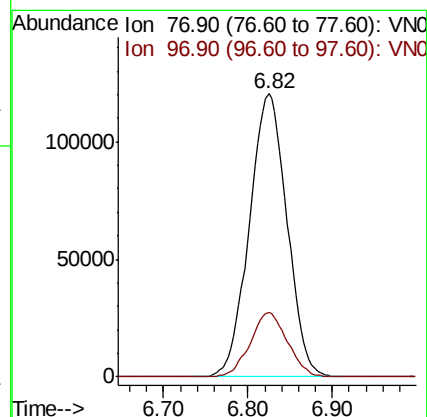
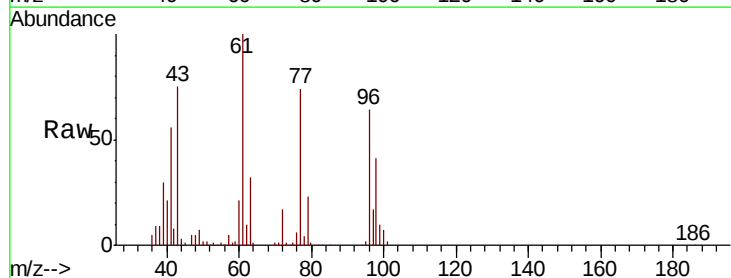
Acq: 20 Mar 2019 11:41

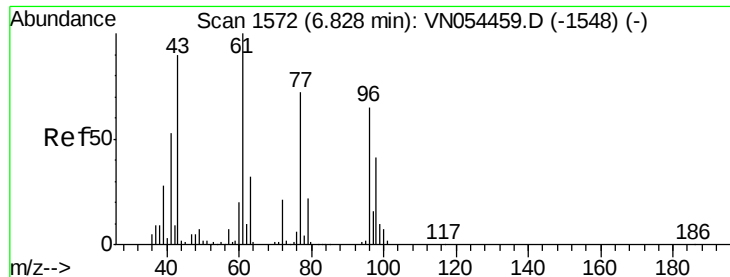
Tgt Ion: 77 Resp: 372959

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 53.556 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

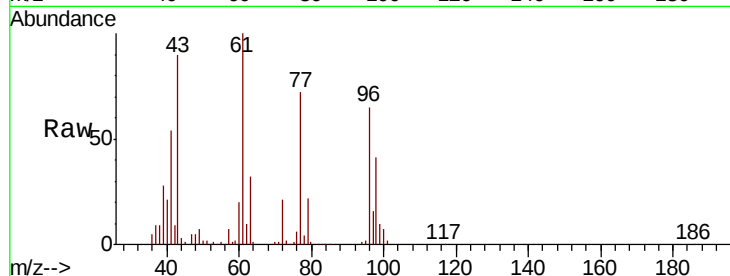
Tgt Ion: 96 Resp: 307342

Ion Ratio Lower Upper

96 100

61 154.0 0.0 273.0

98 64.2 0.0 130.6

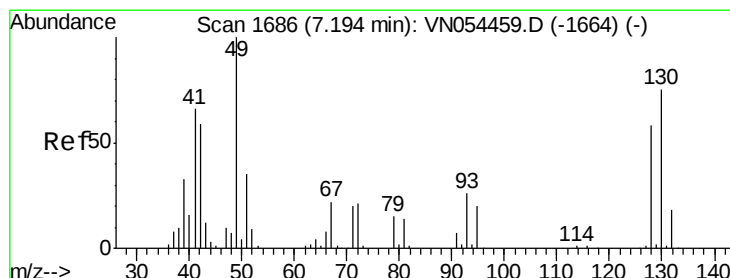
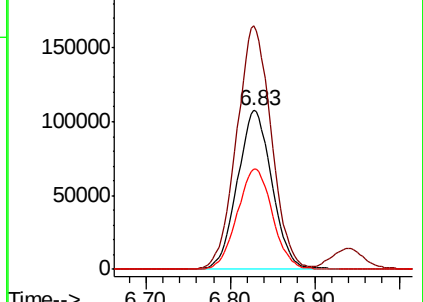
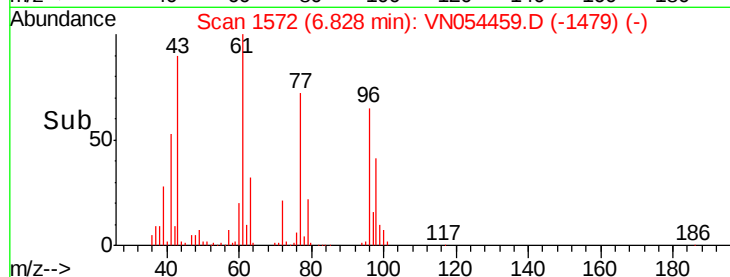


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Time-->



#28

Bromochloromethane

Concen: 70.709 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

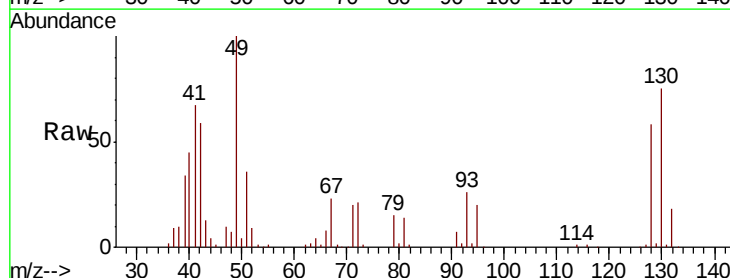
Tgt Ion: 49 Resp: 255165

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 74.4 76.7 115.1#

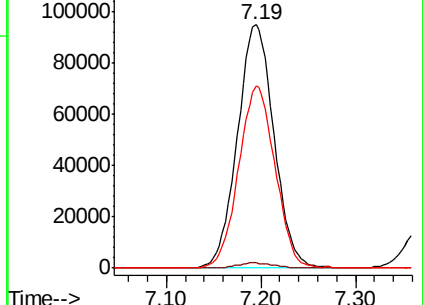
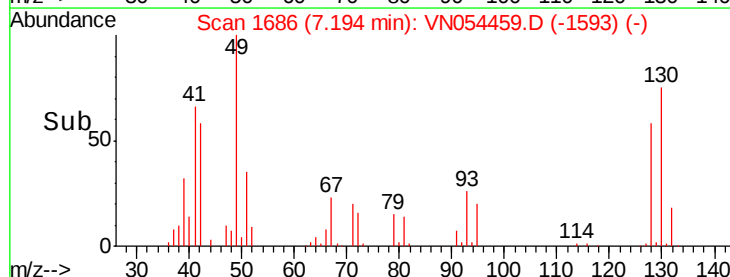


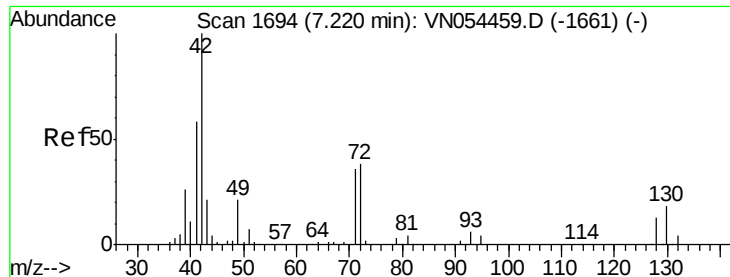
Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->





#29

Tetrahydrofuran

Concen: 373.446 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

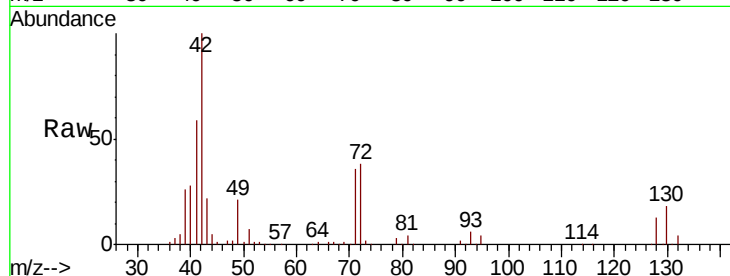
Tgt Ion: 42 Resp: 442846

Ion Ratio Lower Upper

42 100

72 38.0 37.8 56.6

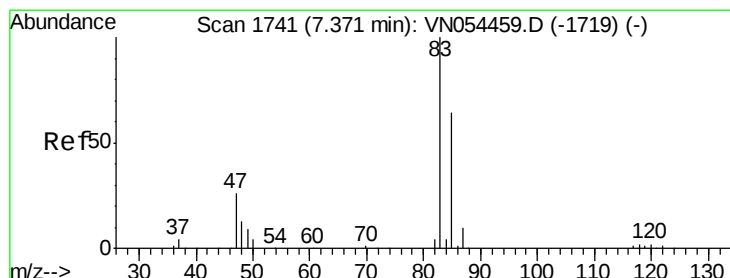
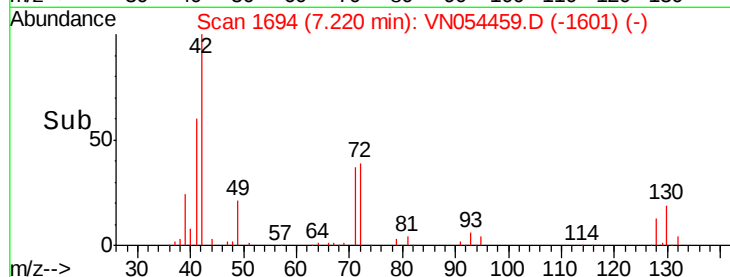
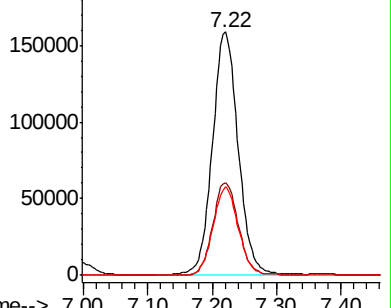
71 35.6 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN054459.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN054459.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN054459.D (-1661) (-)



#30

Chloroform

Concen: 54.312 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054459.D

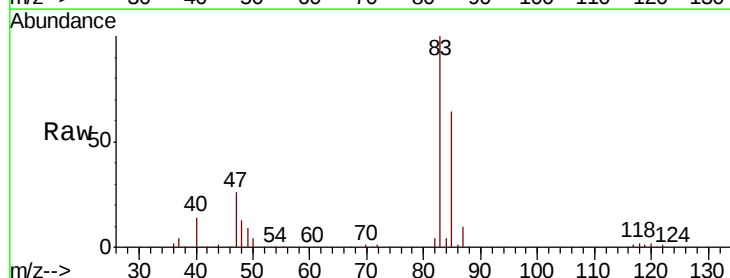
Acq: 20 Mar 2019 11:41

Tgt Ion: 83 Resp: 500272

Ion Ratio Lower Upper

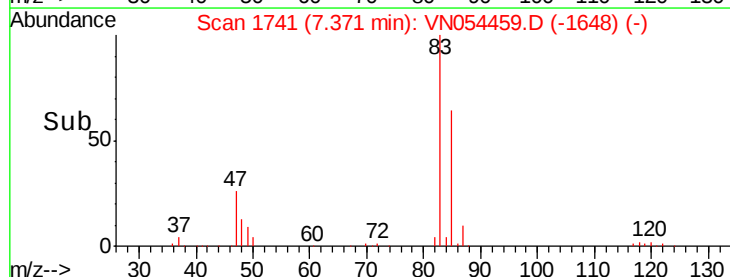
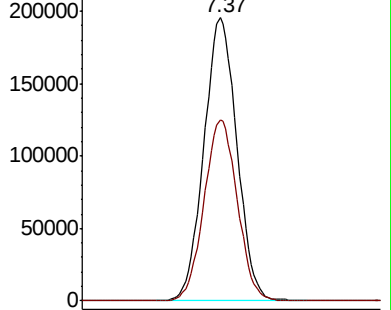
83 100

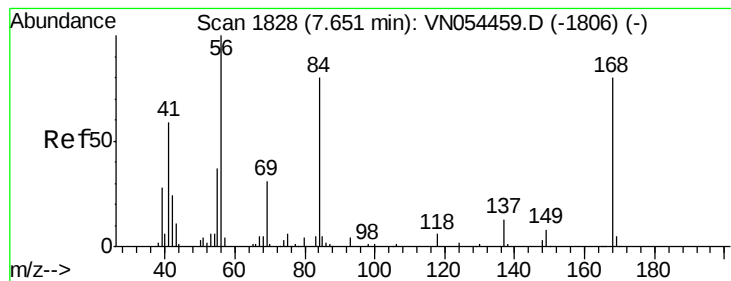
85 64.0 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN054459.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN054459.D (-1719) (-)





#31

Cyclohexane

Concen: 51.189 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

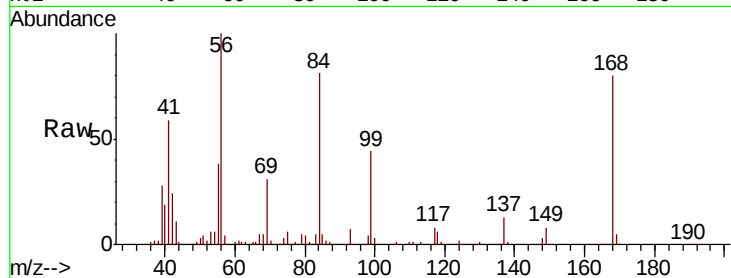
Tgt Ion: 56 Resp: 486385

Ion Ratio Lower Upper

56 100

69 30.6 27.8 41.6

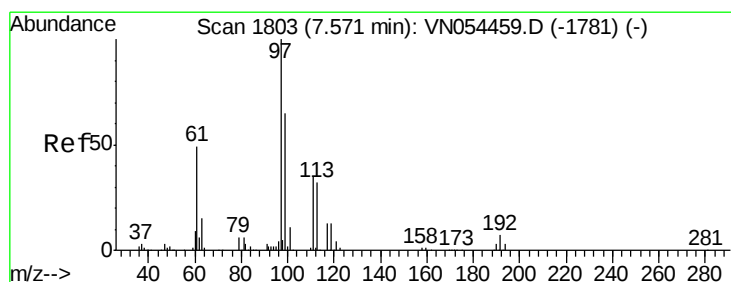
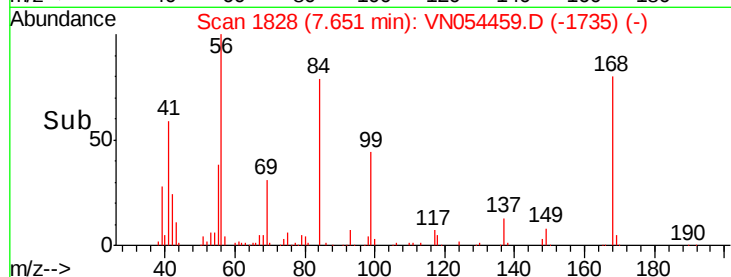
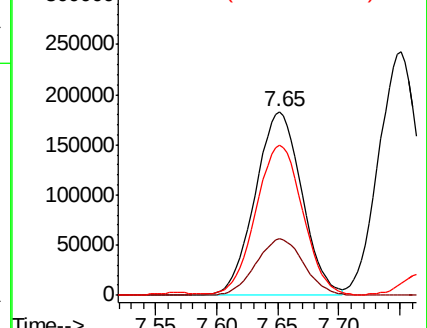
84 80.2 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN054459.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN054459.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN054459.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 50.847 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

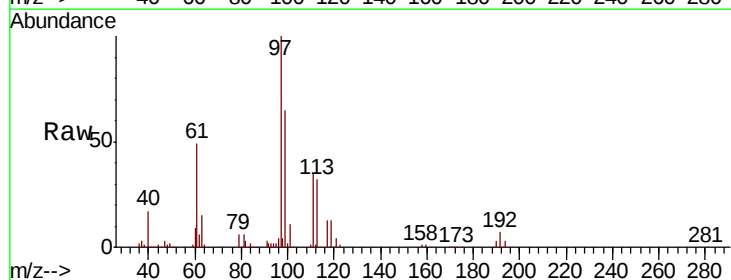
Tgt Ion: 97 Resp: 422989

Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

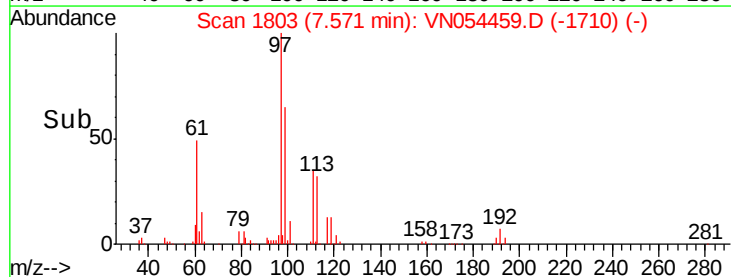
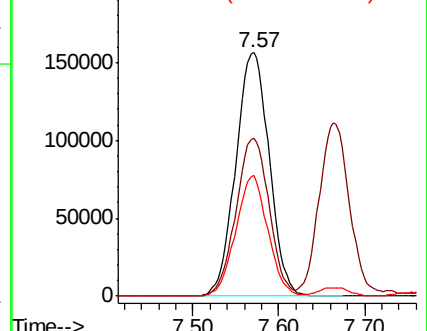
61 47.4 33.6 50.4

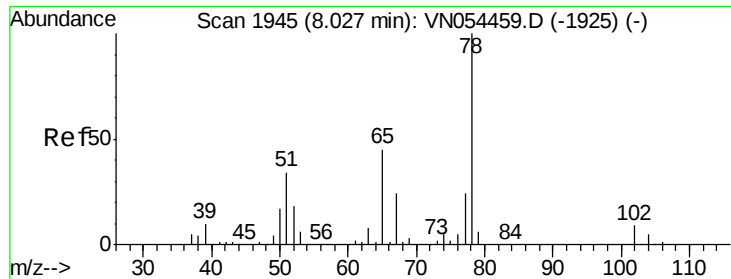


Abundance Ion 96.90 (96.60 to 97.60): VN054459.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN054459.D (-1781) (-)

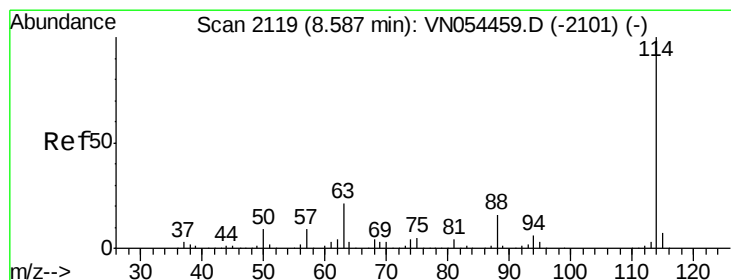
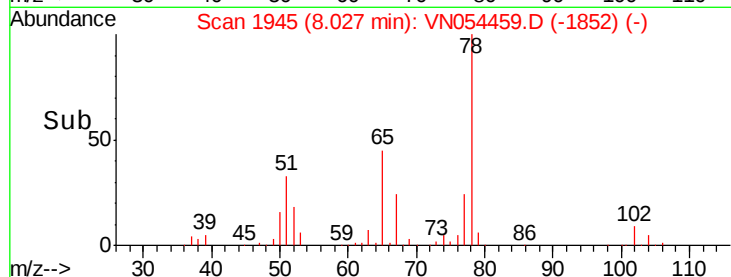
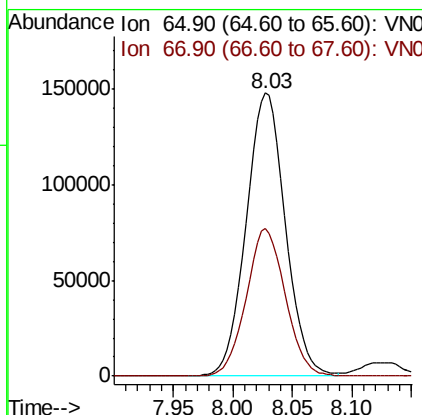
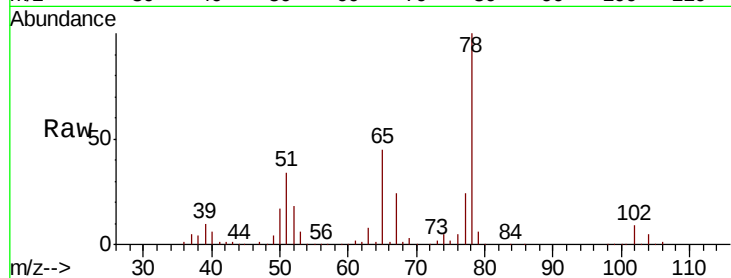




#33
 1,2-Dichloroethane-d4
 Concen: 61.563 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

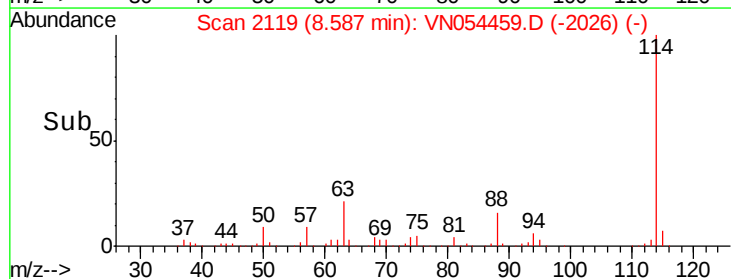
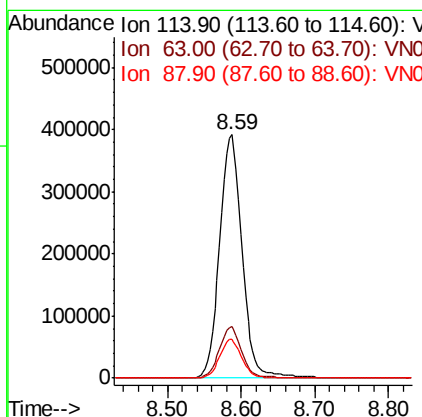
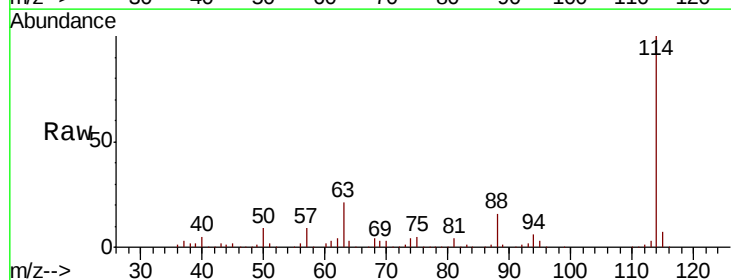
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

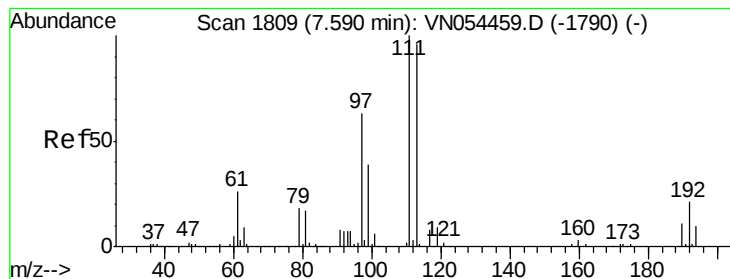
Tgt Ion: 65 Resp: 337866
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion: 114 Resp: 833986
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 35.2
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.670 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

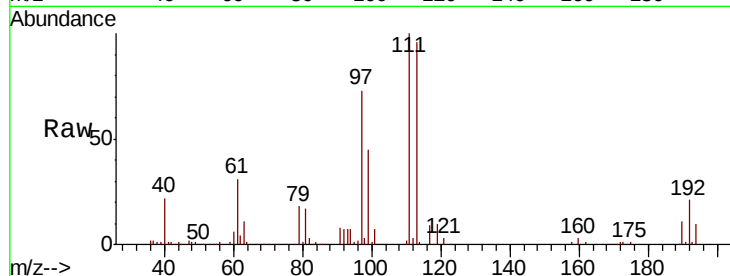
Tgt Ion: 113 Resp: 277925

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

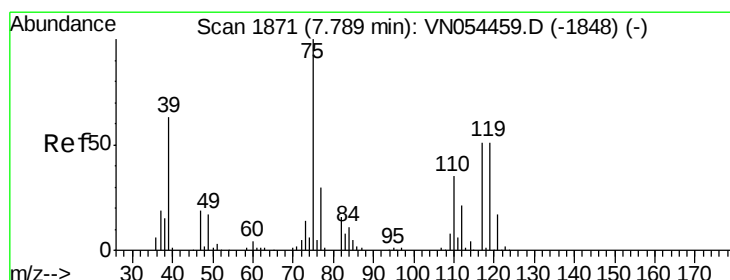
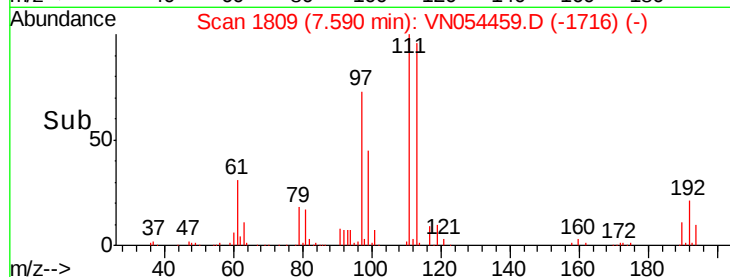
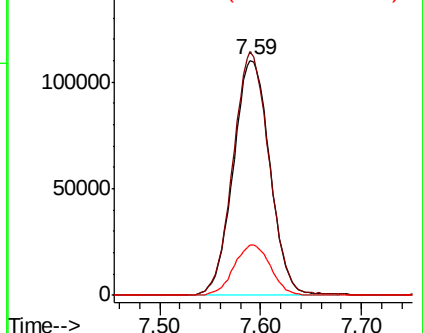
192 21.3 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.095 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

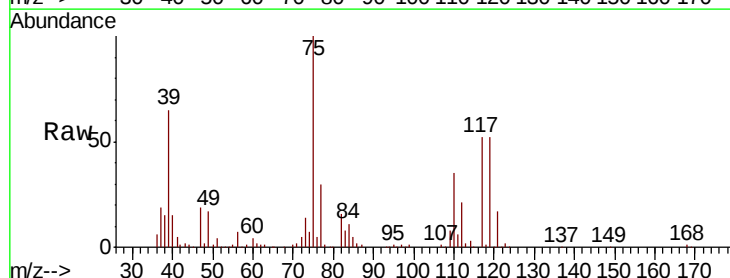
Tgt Ion: 75 Resp: 384744

Ion Ratio Lower Upper

75 100

110 34.7 19.1 57.5

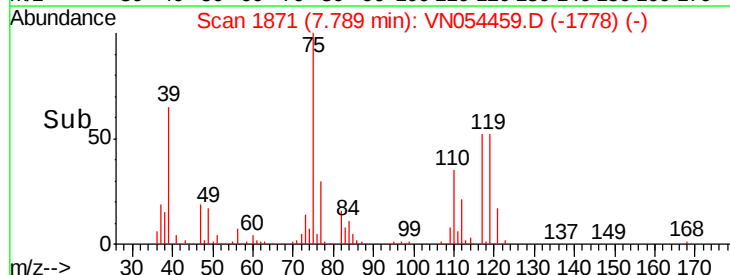
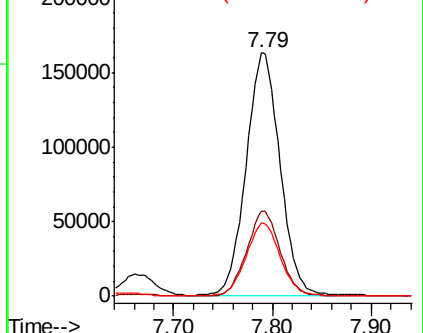
77 30.7 25.0 37.4

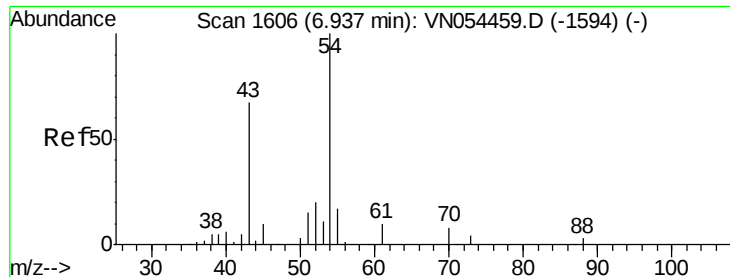


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

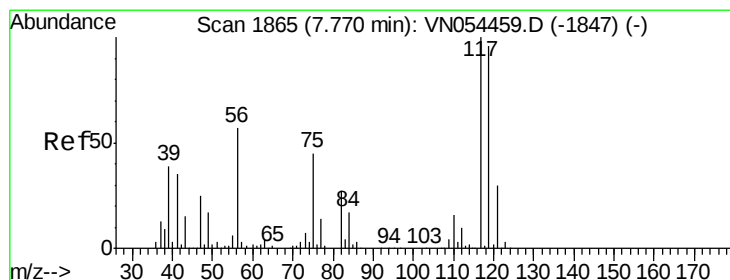
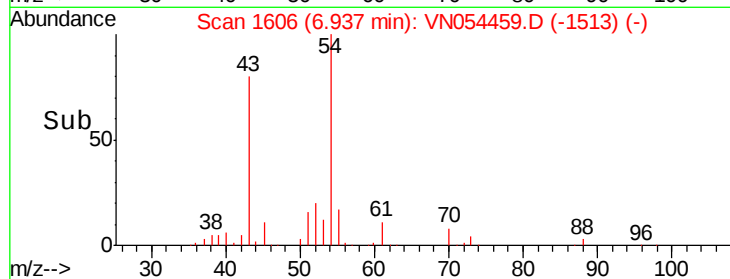
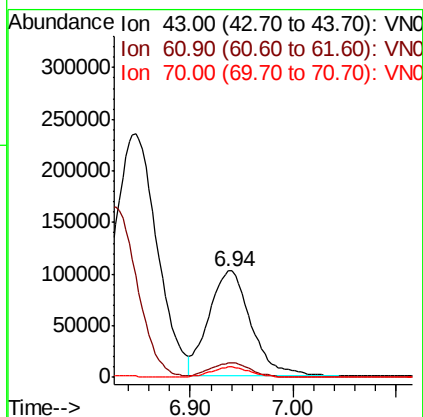
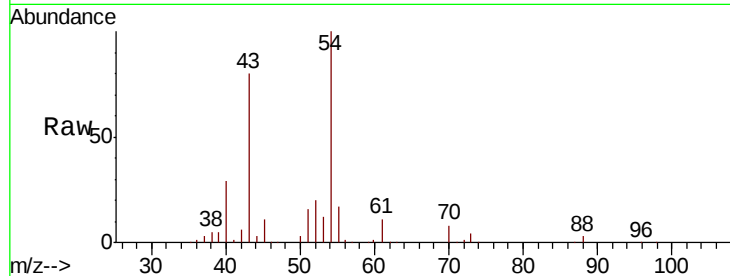




#37
Ethyl Acetate
Concen: 66.183 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

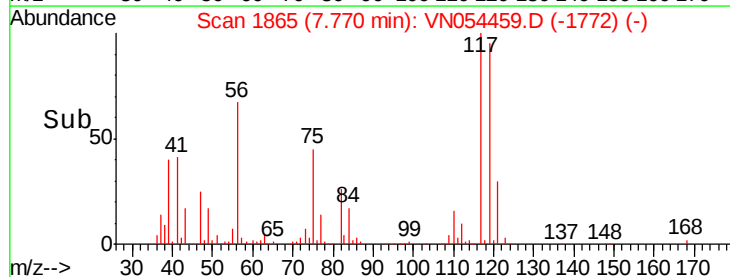
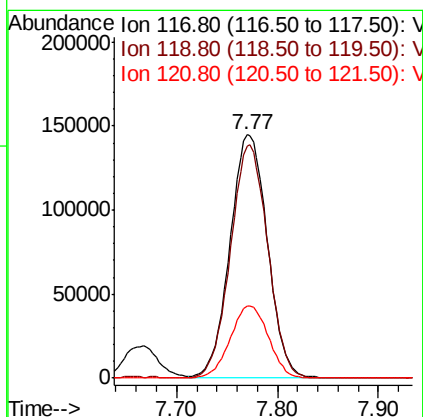
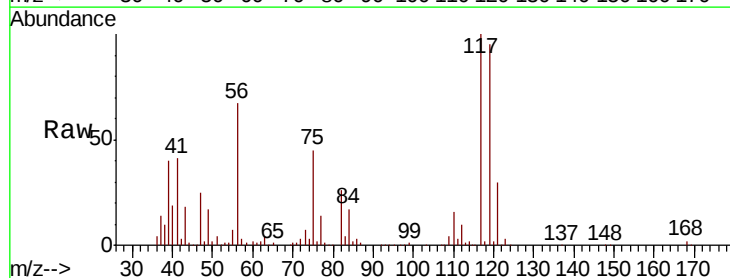
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

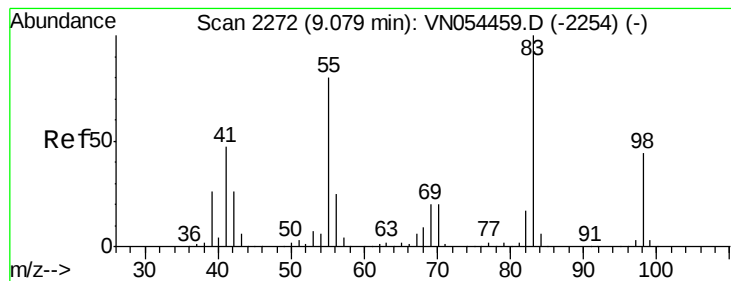
Tgt Ion: 43 Resp: 292066
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.6
70 9.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.392 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 117 Resp: 373650
Ion Ratio Lower Upper
117 100
119 95.2 76.3 114.5
121 29.6 24.6 36.8





#39

Methylcyclohexane

Concen: 46.576 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

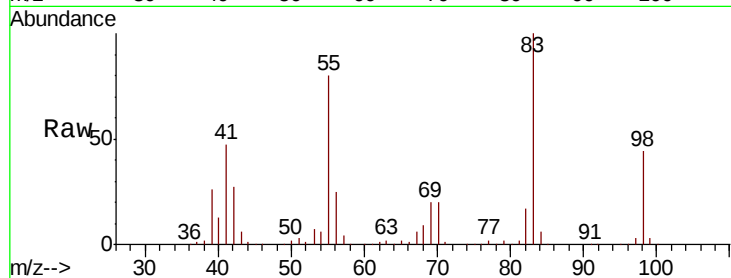
Tgt Ion: 83 Resp: 440131

Ion Ratio Lower Upper

83 100

55 79.6 56.6 84.8

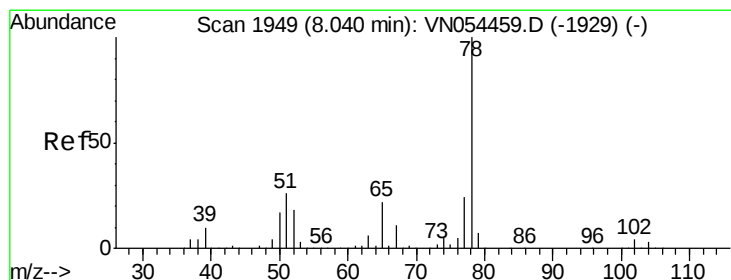
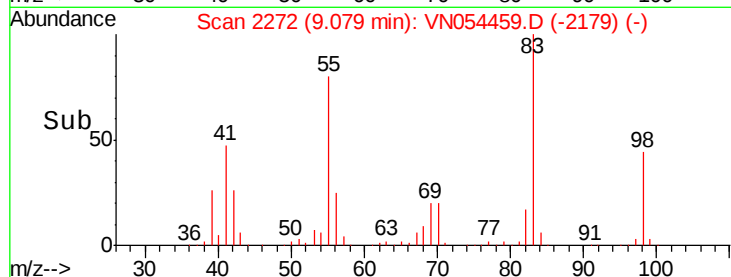
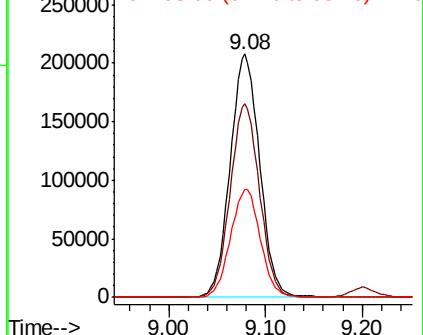
98 44.3 38.4 57.6



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 51.075 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054459.D

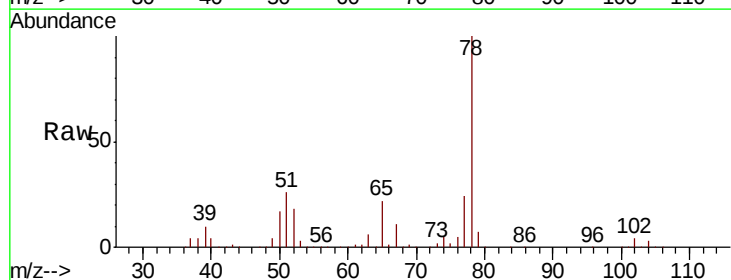
Acq: 20 Mar 2019 11:41

Tgt Ion: 78 Resp: 1122527

Ion Ratio Lower Upper

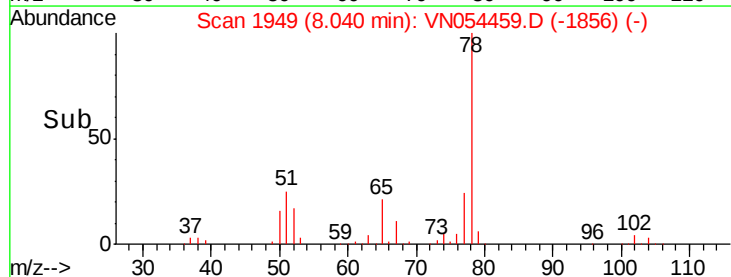
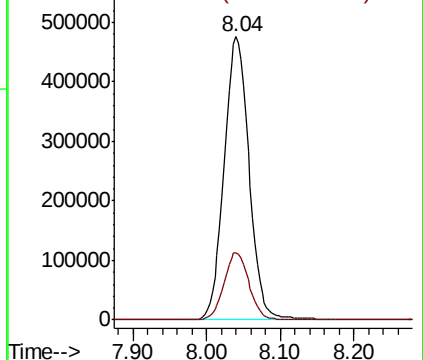
78 100

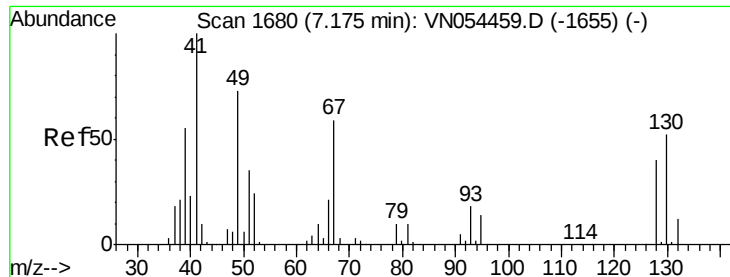
77 23.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

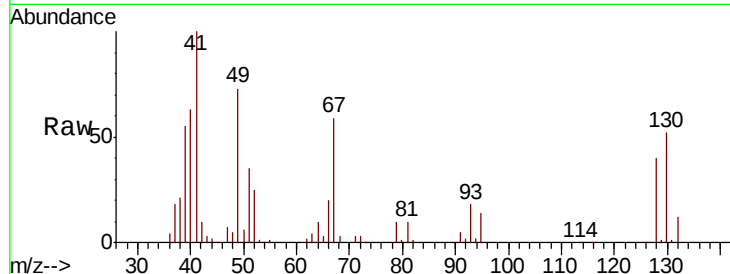




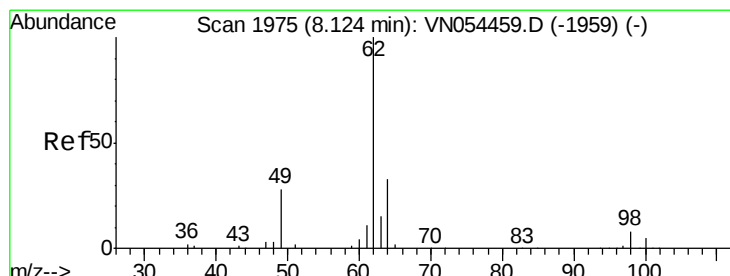
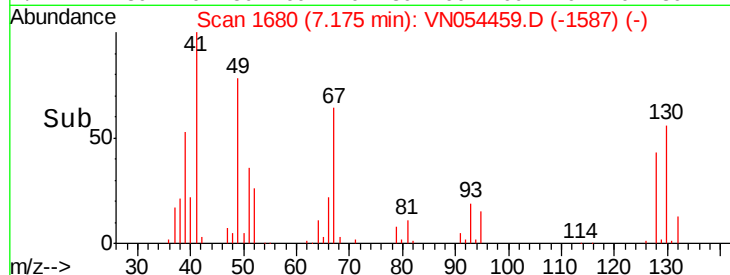
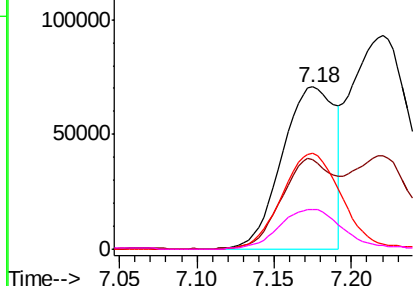
#41
Methacrylonitrile
Concen: 66.549 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tgt Ion: 41 Resp: 167684
Ion Ratio Lower Upper
41 100
39 58.6 46.8 70.2
67 67.6 67.0 100.4
52 30.0 26.5 39.7

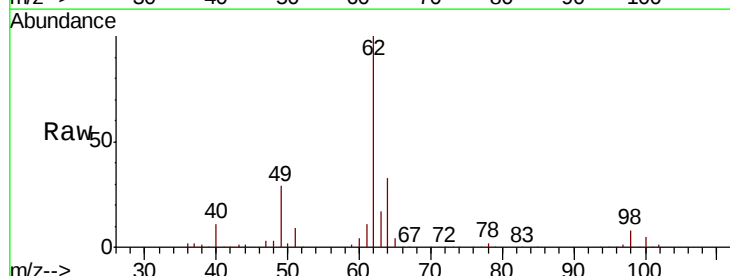


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

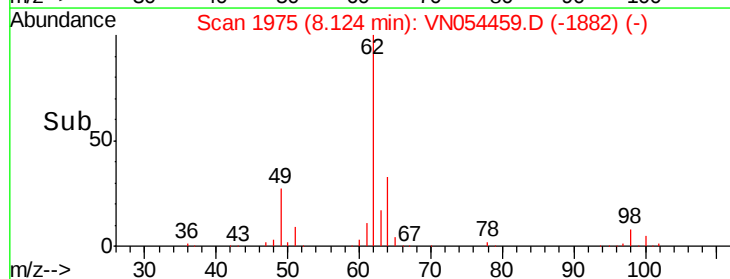
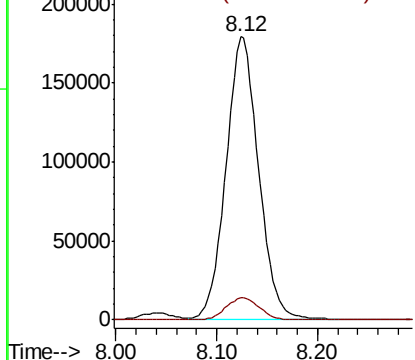


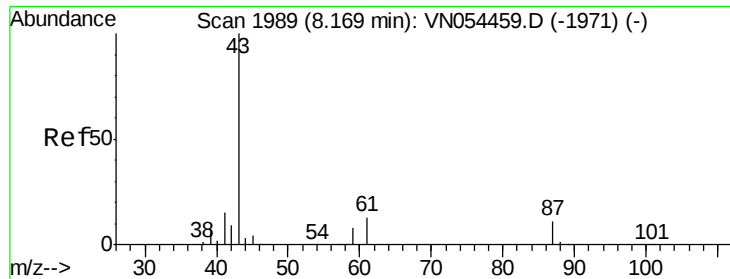
#42
1,2-Dichloroethane
Concen: 54.067 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 62 Resp: 401185
Ion Ratio Lower Upper
62 100
98 8.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 64.097 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

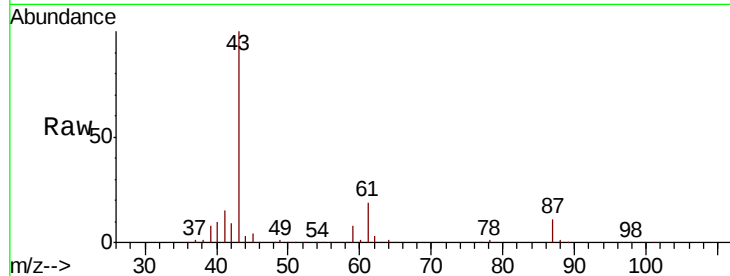
Tgt Ion: 43 Resp: 496497

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

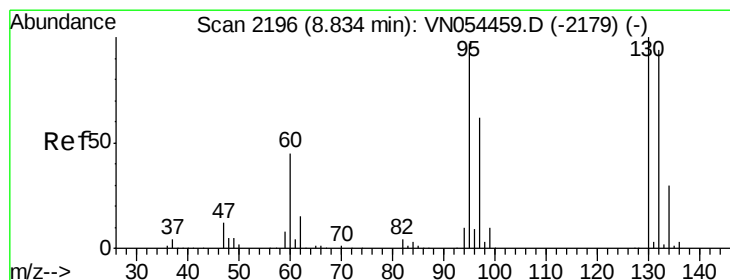
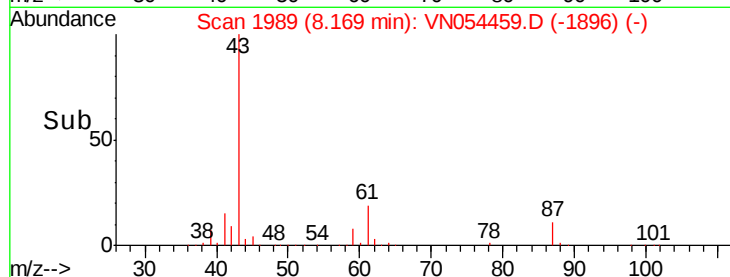
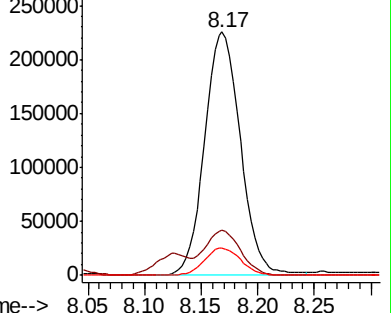
87 11.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)



#44

Trichloroethene

Concen: 45.012 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054459.D

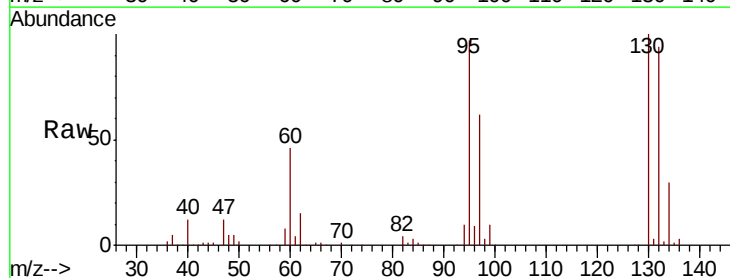
Acq: 20 Mar 2019 11:41

Tgt Ion: 130 Resp: 307317

Ion Ratio Lower Upper

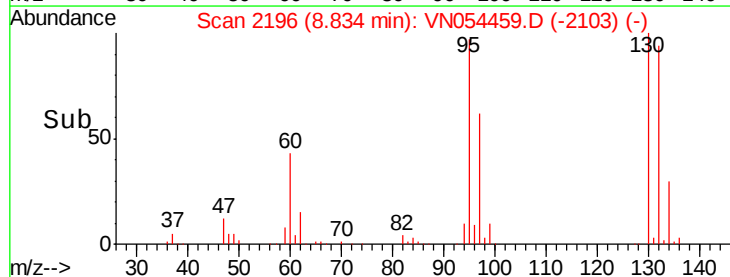
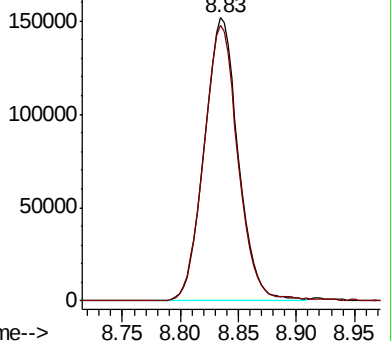
130 100

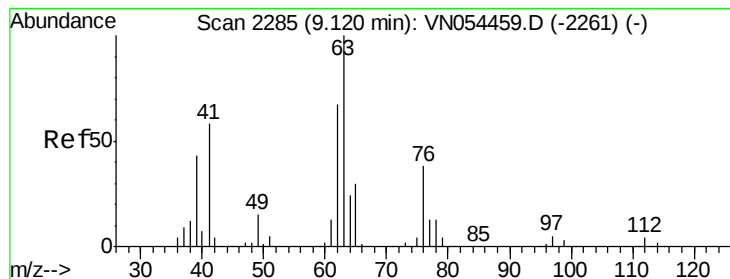
95 97.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 56.781 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

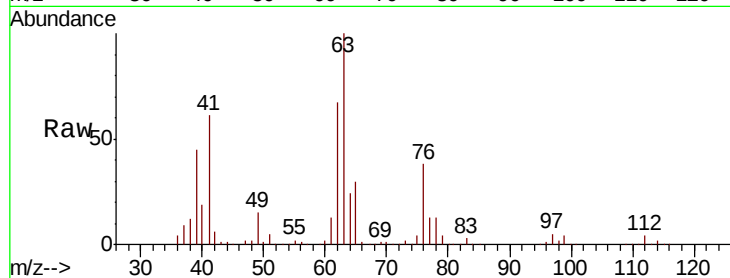
VSTDICCC050

Tgt Ion: 63 Resp: 309873

Ion Ratio Lower Upper

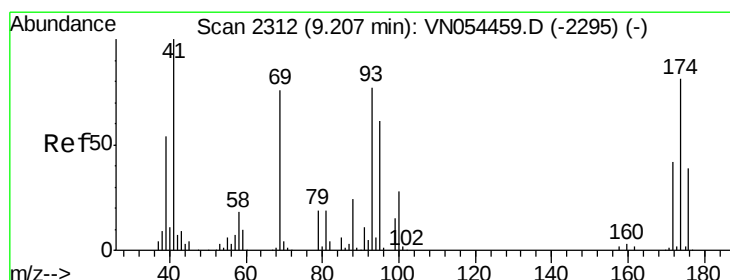
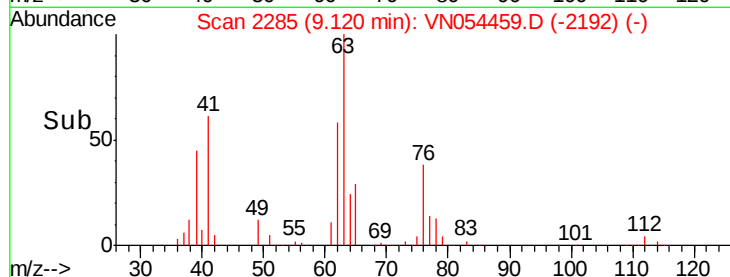
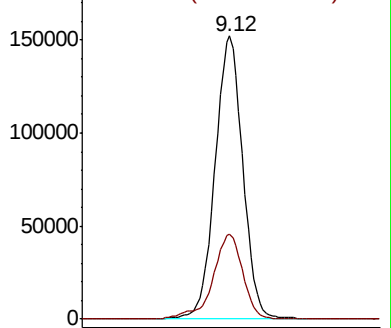
63 100

65 30.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.494 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

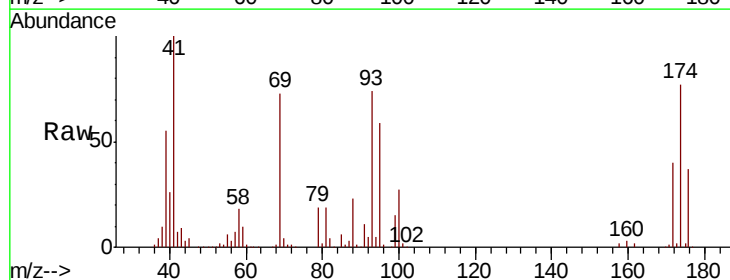
Tgt Ion: 93 Resp: 182501

Ion Ratio Lower Upper

93 100

95 82.8 66.7 100.1

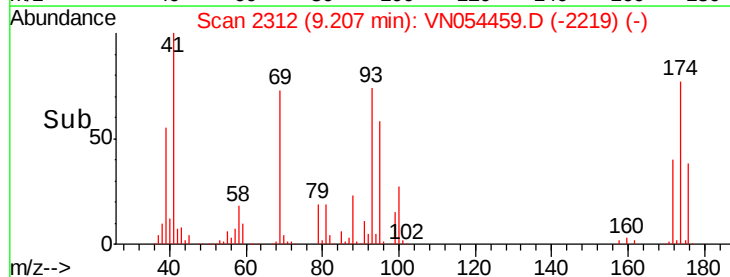
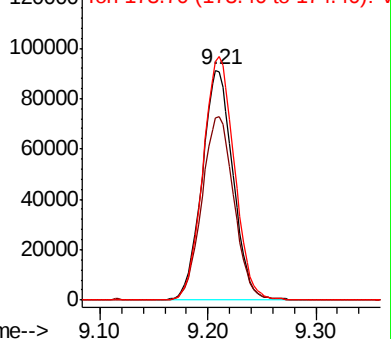
174 107.5 98.5 147.7

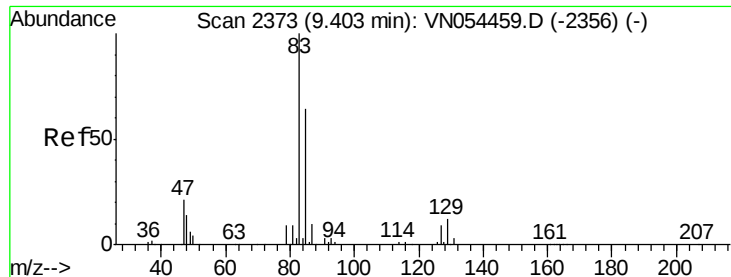


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.481 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

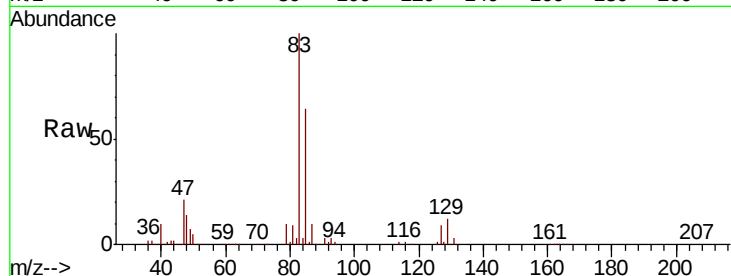
Tgt Ion: 83 Resp: 380551

Ion Ratio Lower Upper

83 100

85 64.3 52.8 79.2

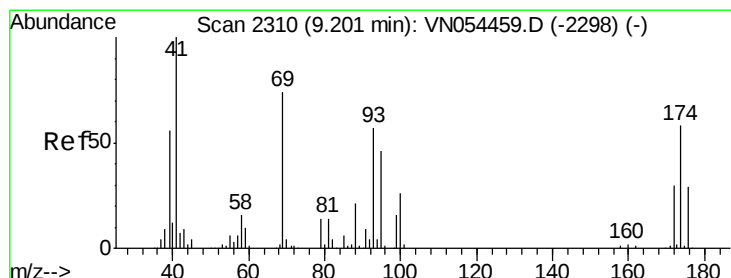
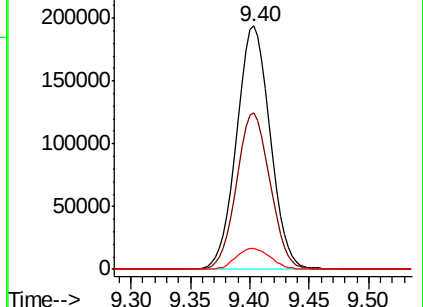
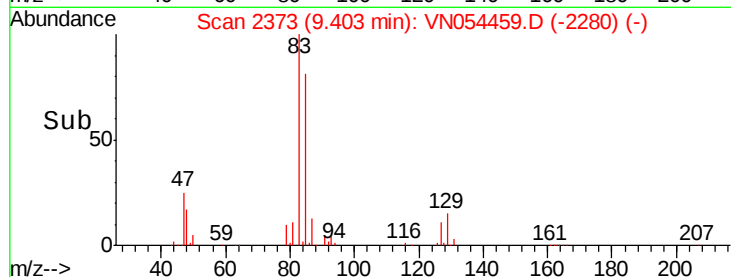
127 8.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054459.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN054459.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN054459.D (-2356) (-)



#48

Methyl methacrylate

Concen: 66.505 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

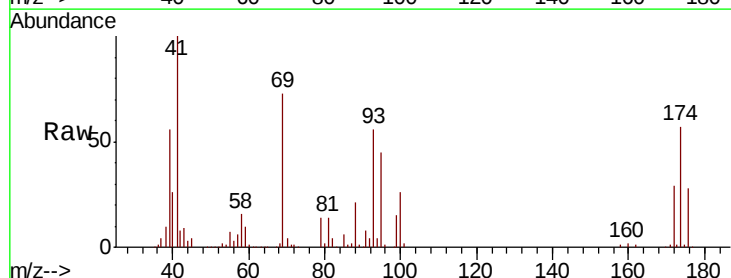
Tgt Ion: 41 Resp: 261431

Ion Ratio Lower Upper

41 100

69 74.8 72.6 108.8

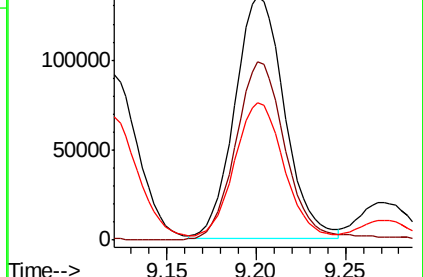
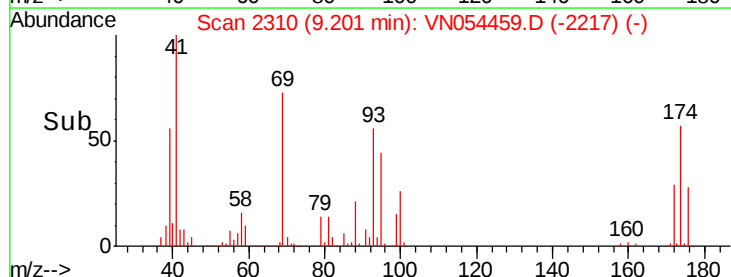
39 56.7 47.5 71.3

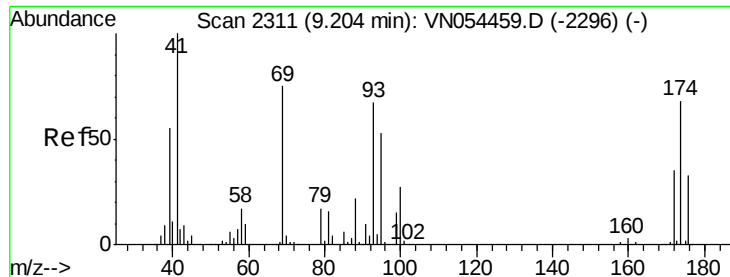


Abundance Ion 41.00 (40.70 to 41.70): VN054459.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN054459.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN054459.D (-2298) (-)





#49

1,4-Dioxane

Concen: 1070.475 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

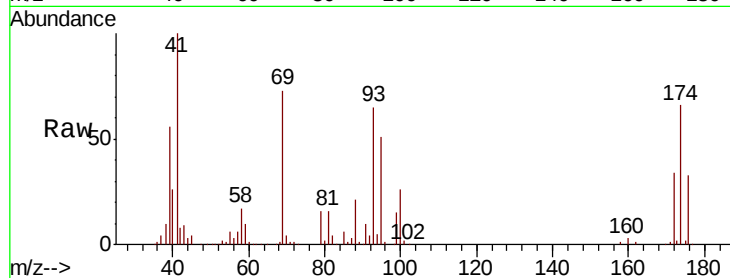
Tgt Ion: 88 Resp: 59522

Ion Ratio Lower Upper

88 100

43 37.2 24.1 36.1#

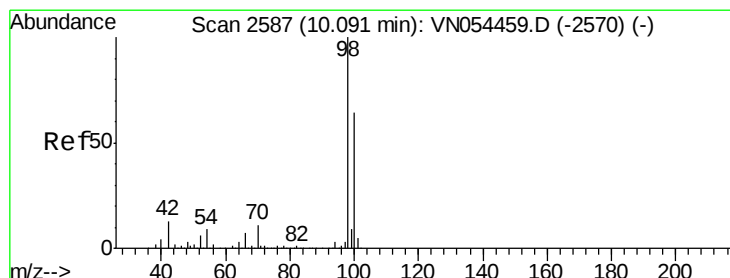
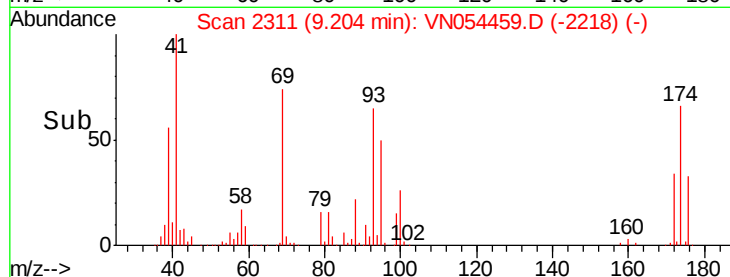
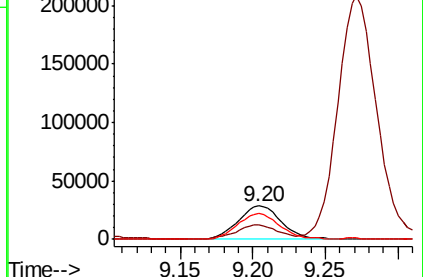
58 76.3 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN054459.D (-2296) (-)

Ion 43.00 (42.70 to 43.70): VN054459.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-2296) (-)



#50

Toluene-d8

Concen: 51.945 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054459.D

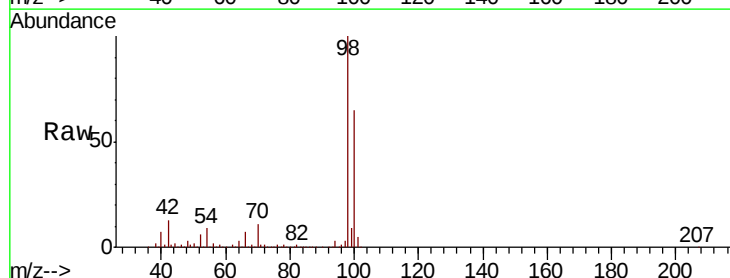
Acq: 20 Mar 2019 11:41

Tgt Ion: 98 Resp: 1031884

Ion Ratio Lower Upper

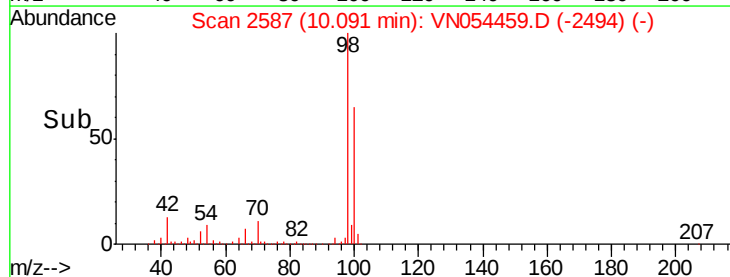
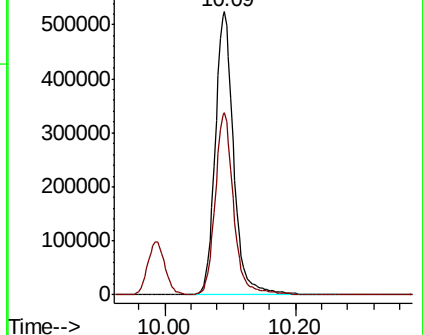
98 100

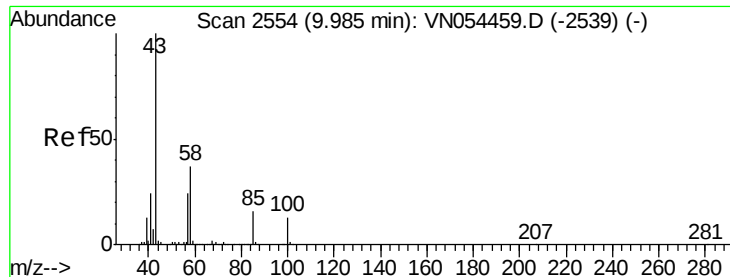
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

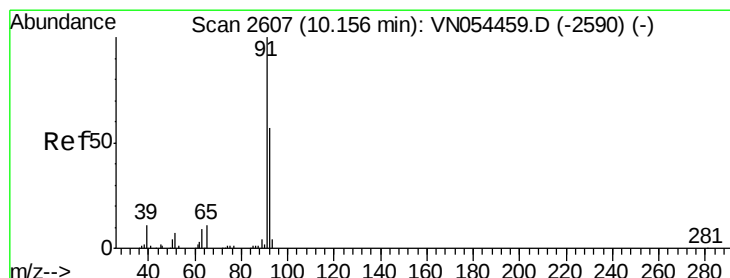
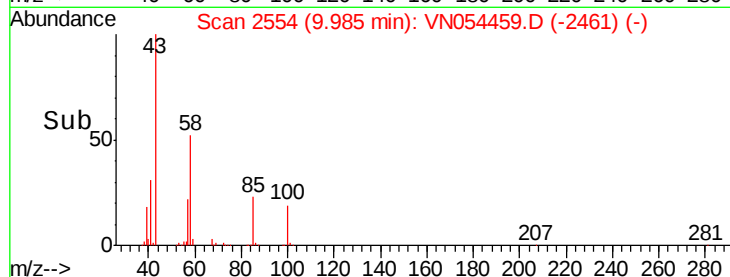
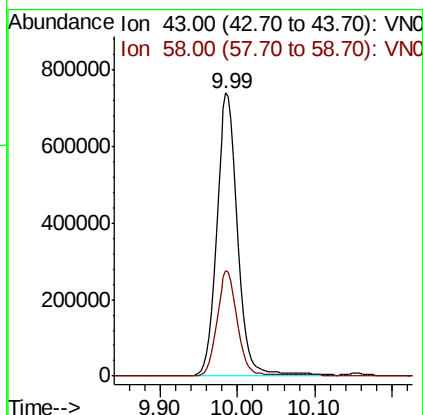
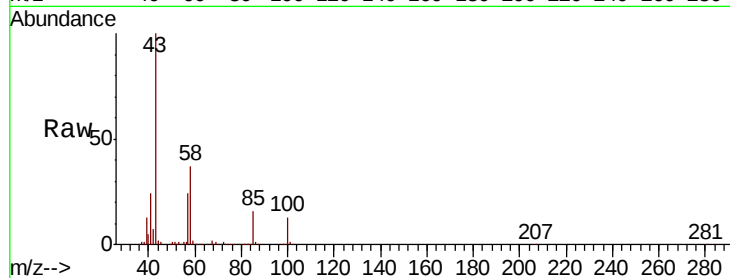




#51
 4-Methyl-2-Pentanone
 Concen: 341.493 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

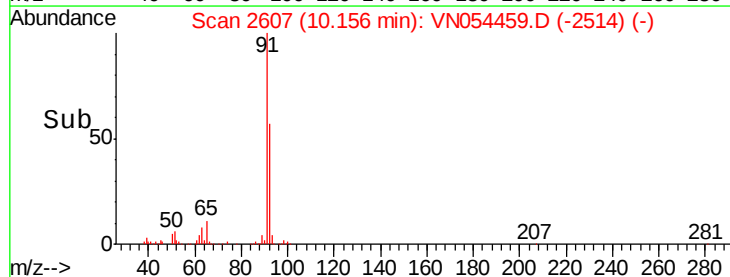
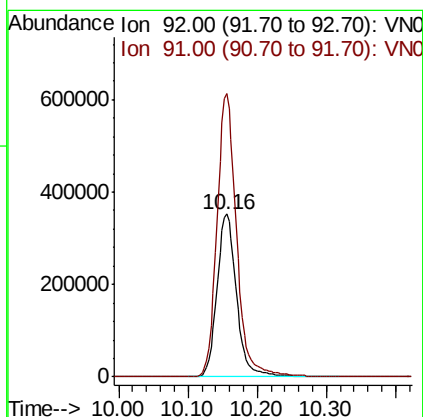
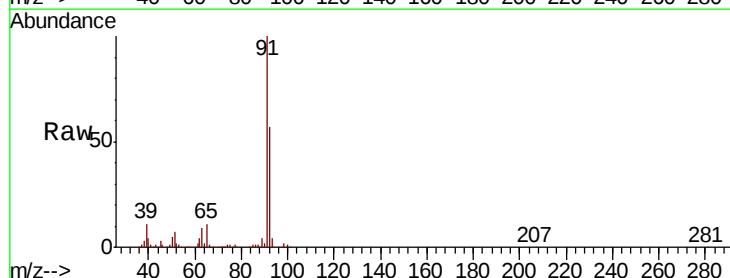
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

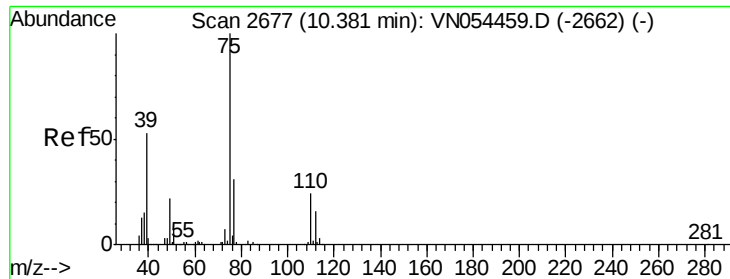
Tgt Ion: 43 Resp: 1399868
 Ion Ratio Lower Upper
 43 100
 58 36.5 31.8 47.6



#52
 Toluene
 Concen: 49.585 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion: 92 Resp: 690991
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 50.040 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

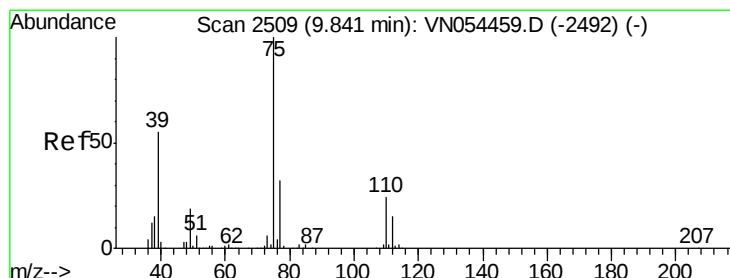
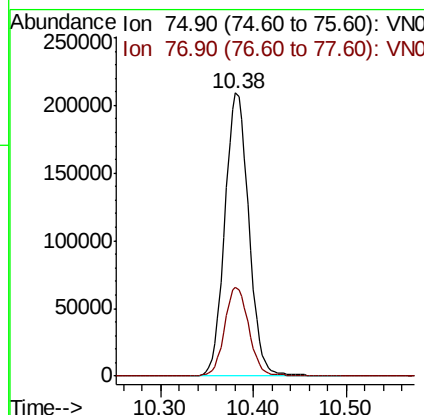
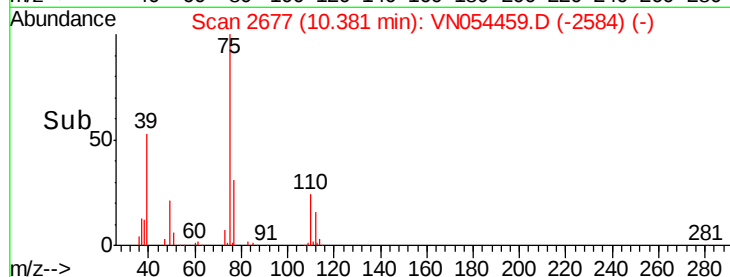
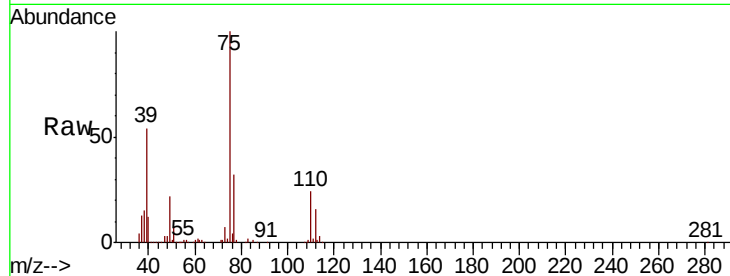
VSTDICCC050

Tgt Ion: 75 Resp: 376481

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 52.356 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

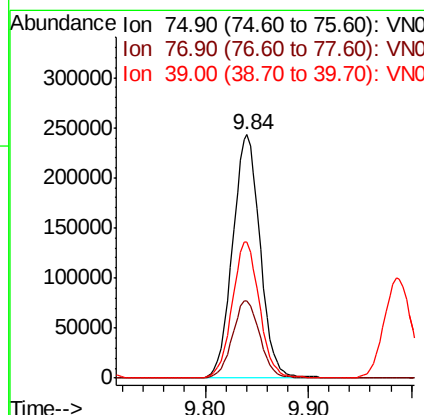
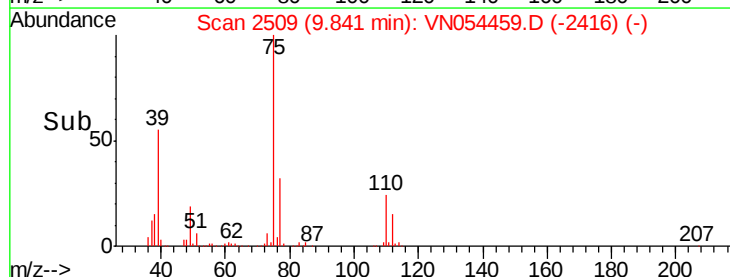
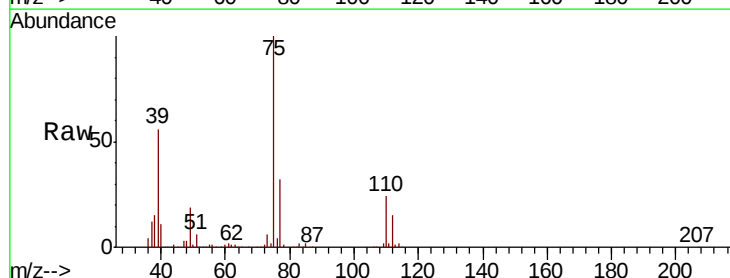
Tgt Ion: 75 Resp: 450998

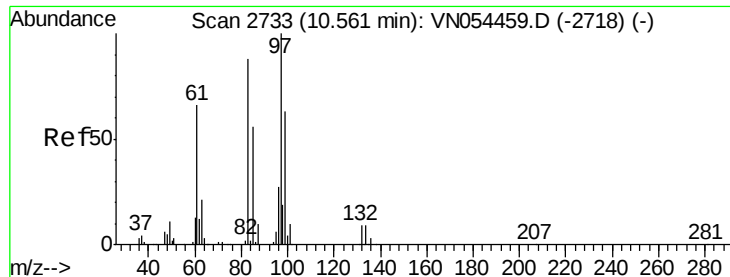
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 55.5 37.2 55.8

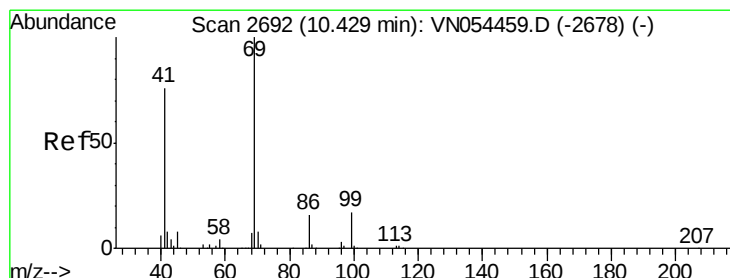
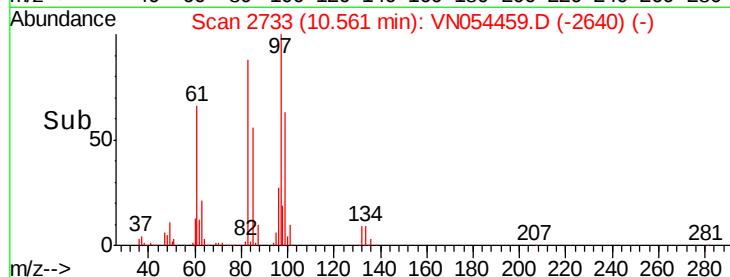
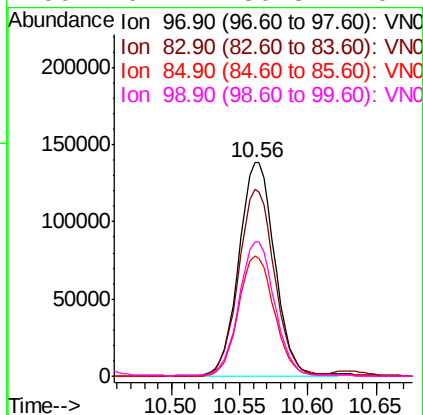
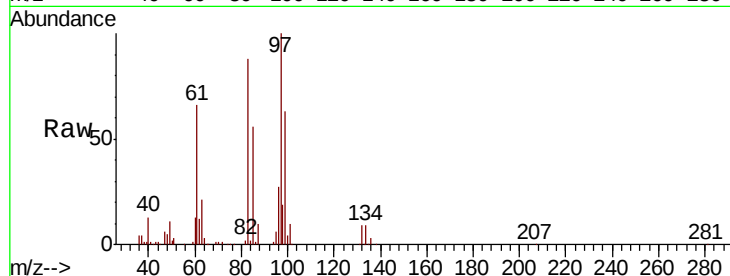




#55
 1,1,2-Trichloroethane
 Concen: 49.850 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

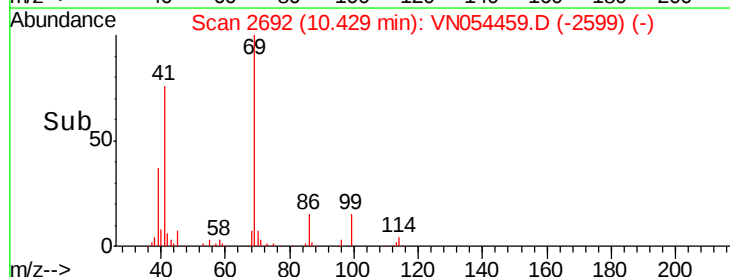
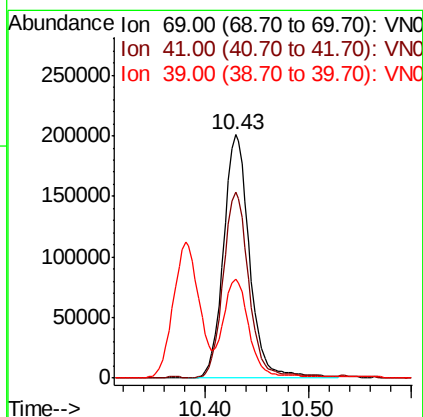
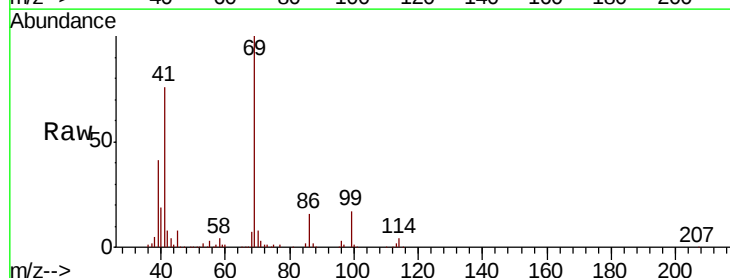
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

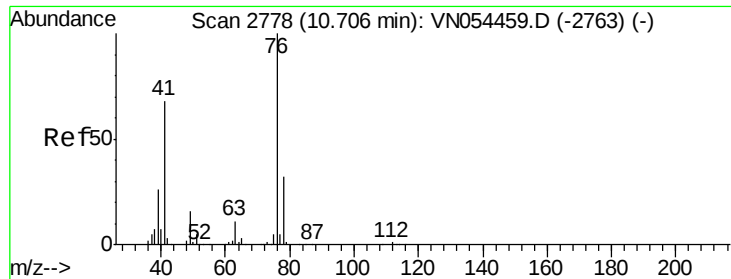
Tgt Ion: 97 Resp: 253653
 Ion Ratio Lower Upper
 97 100
 83 87.5 66.6 100.0
 85 56.5 44.4 66.6
 99 62.7 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 58.304 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion: 69 Resp: 353746
 Ion Ratio Lower Upper
 69 100
 41 75.1 49.4 74.2#
 39 39.4 28.3 42.5





#57

1,3-Dichloropropane

Concen: 52.717 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampled :

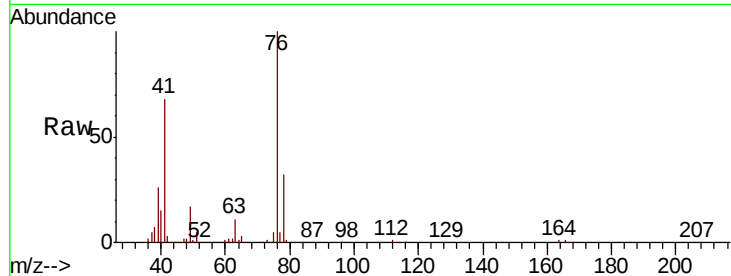
VSTDICCC050

Tgt Ion: 76 Resp: 438618

Ion Ratio Lower Upper

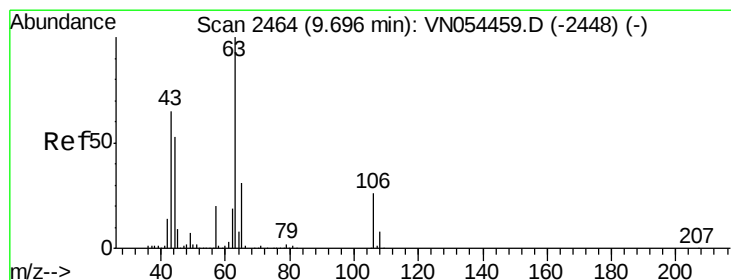
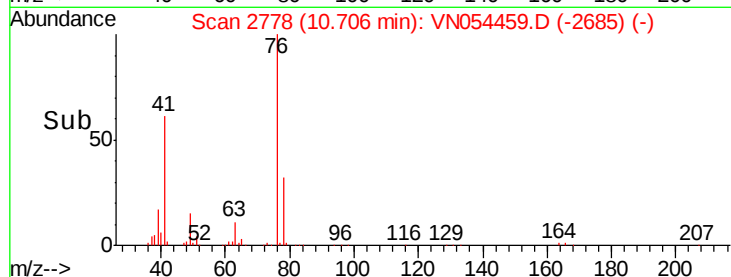
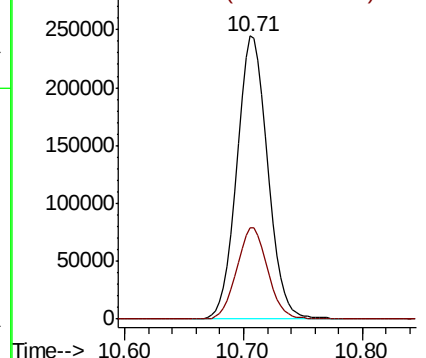
76 100

78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 318.293 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054459.D

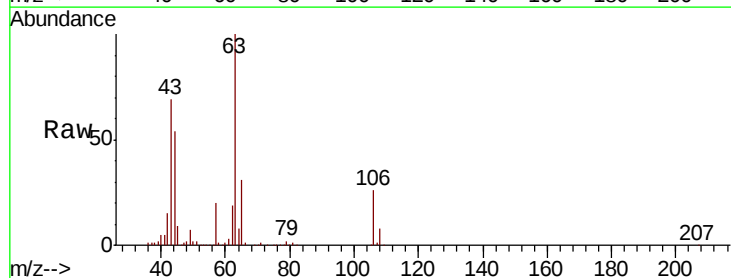
Acq: 20 Mar 2019 11:41

Tgt Ion: 63 Resp: 731536

Ion Ratio Lower Upper

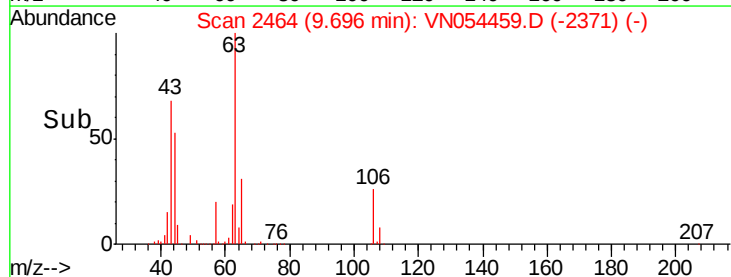
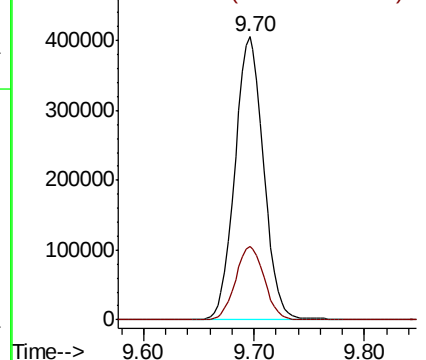
63 100

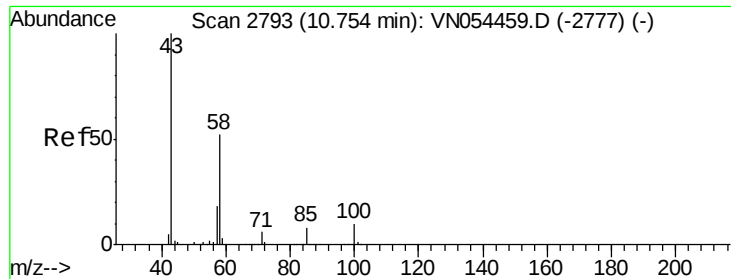
106 26.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

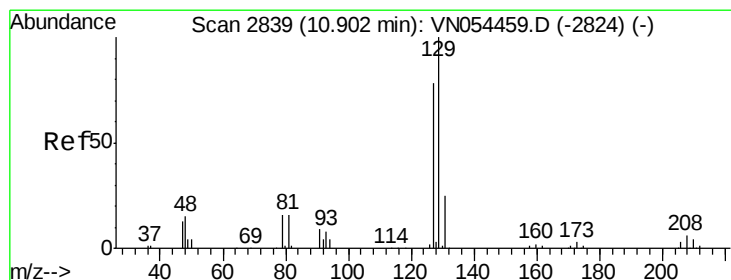
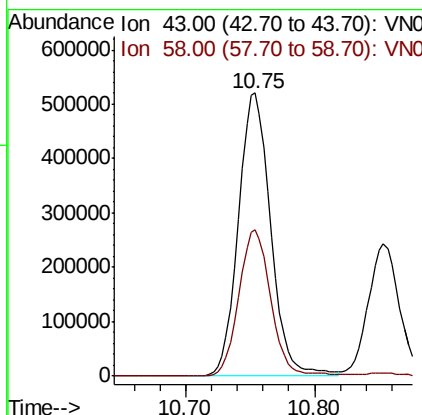
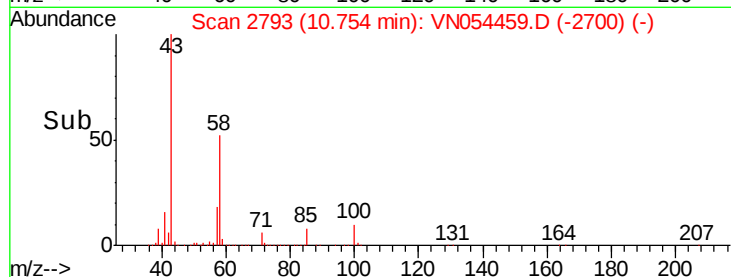
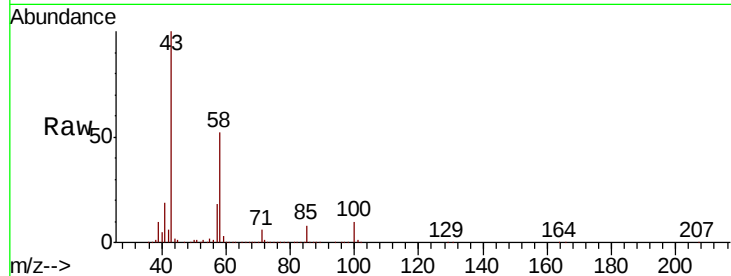




#59
2-Hexanone
Concen: 331.653 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

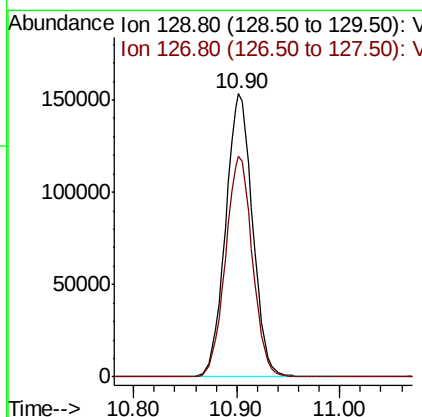
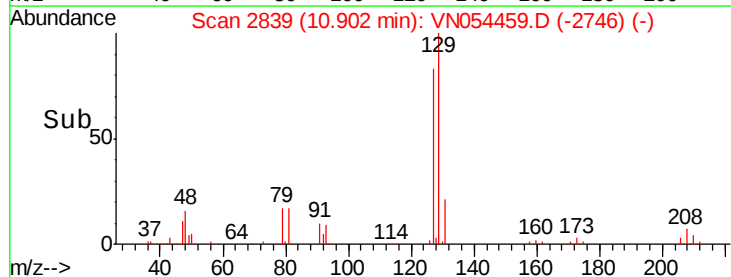
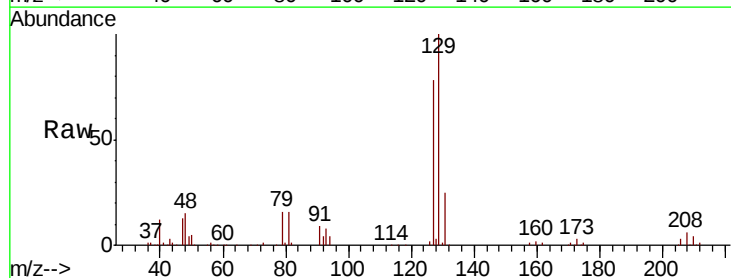
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

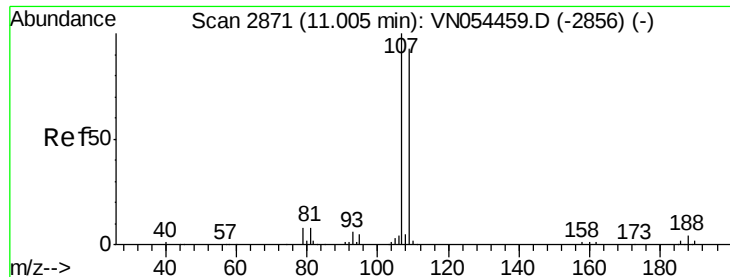
Tgt Ion: 43 Resp: 904628
Ion Ratio Lower Upper
43 100
58 51.5 28.0 83.9



#60
Dibromochloromethane
Concen: 48.717 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 129 Resp: 279018
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.147 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

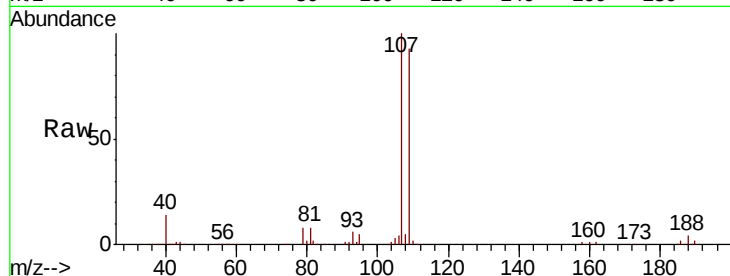
VSTDICCC050

Tgt Ion: 107 Resp: 254133

Ion Ratio Lower Upper

107 100

109 93.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

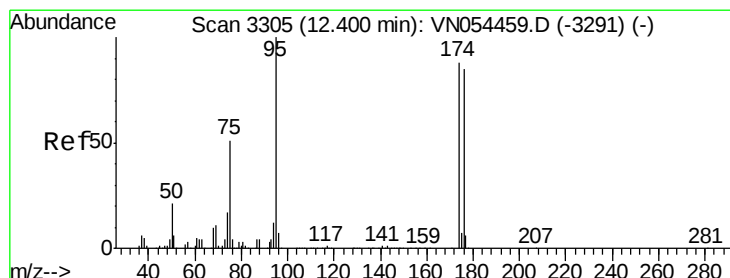
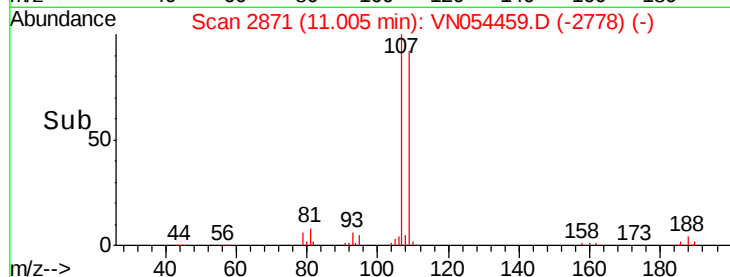
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.482 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

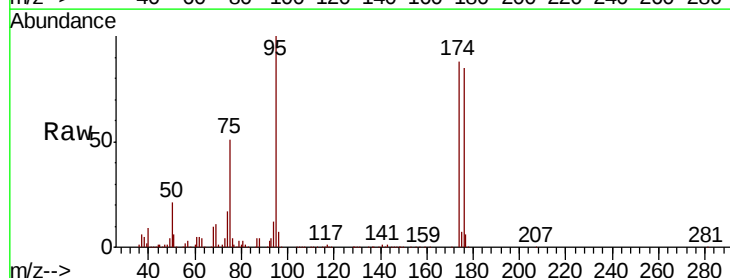
Tgt Ion: 95 Resp: 350889

Ion Ratio Lower Upper

95 100

174 87.3 0.0 191.0

176 84.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

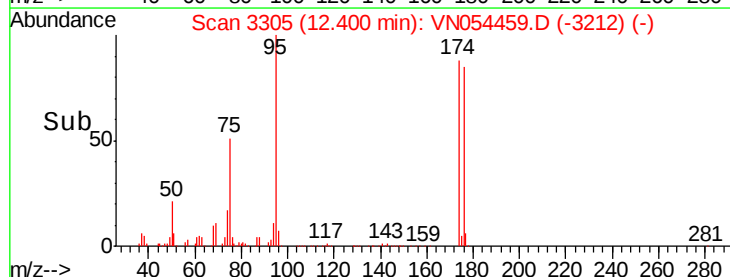
150000

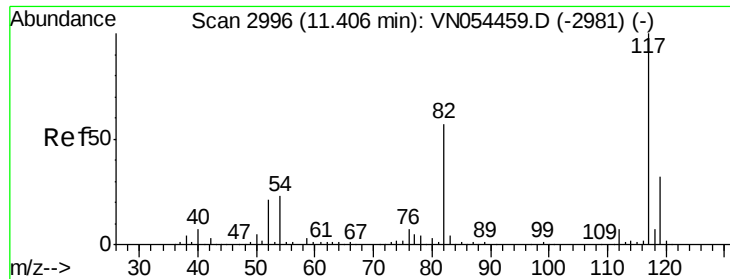
100000

50000

0

Time--> 12.30 12.40 12.50

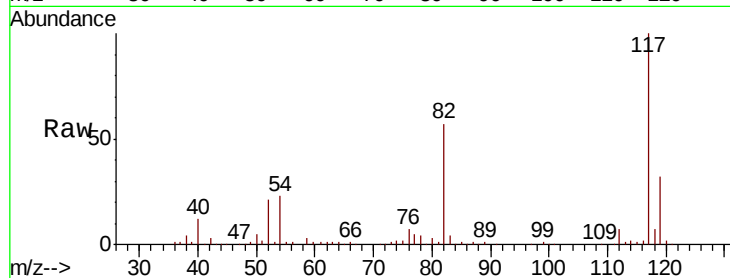




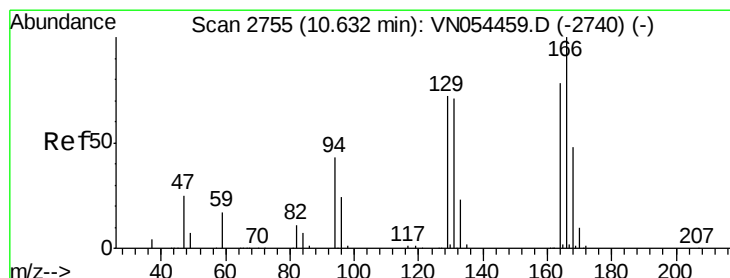
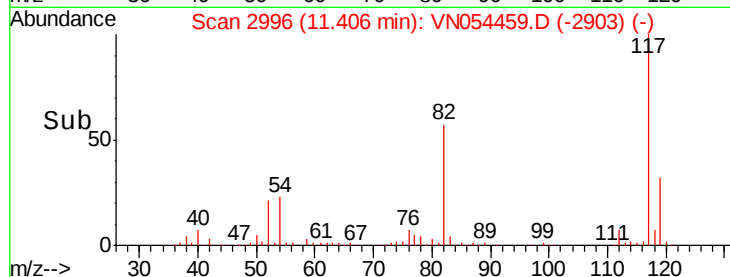
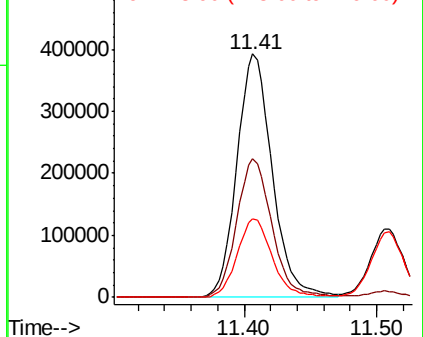
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 728645
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 32.5 25.8 38.6

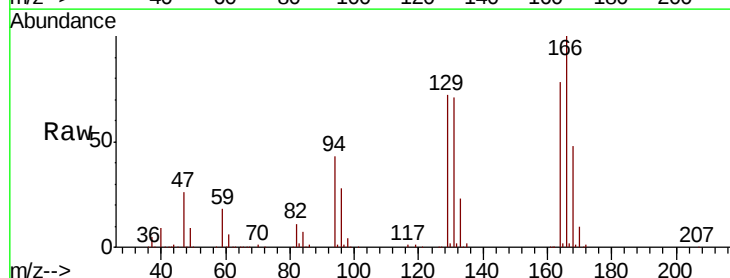


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

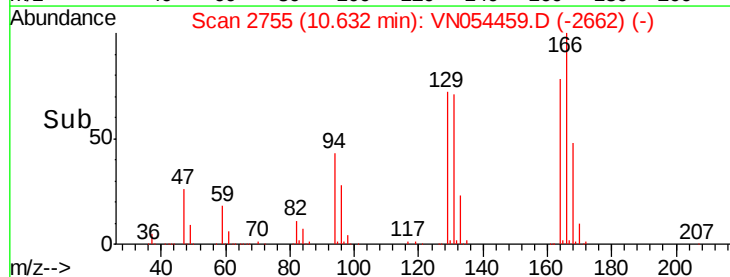
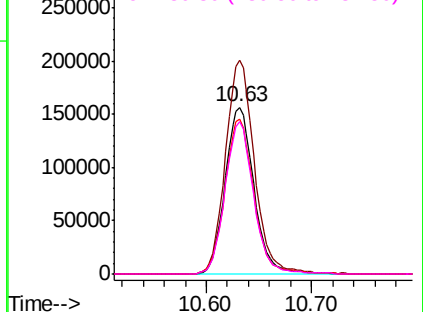


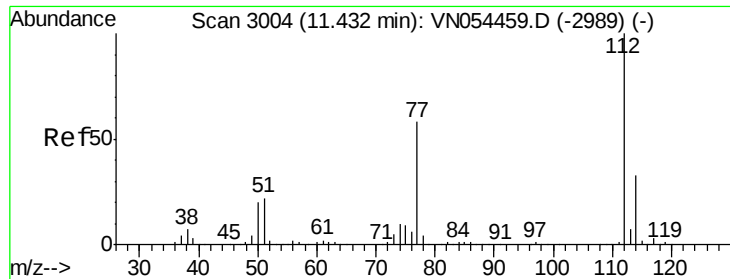
#64
Tetrachloroethene
Concen: 41.981 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion:164 Resp: 295754
Ion Ratio Lower Upper
164 100
166 128.2 103.9 155.9
129 92.8 71.1 106.7
131 91.1 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

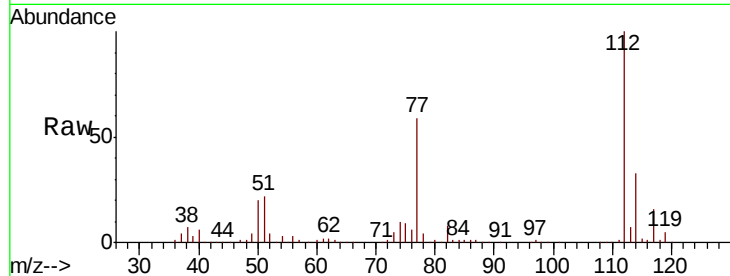




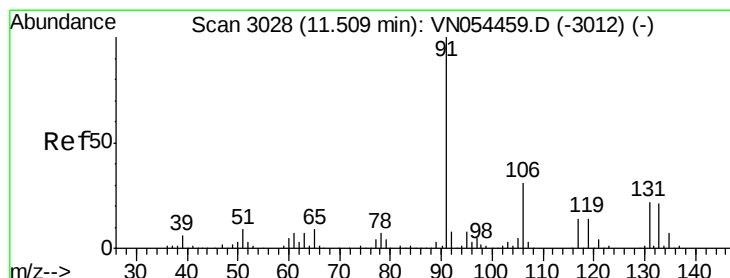
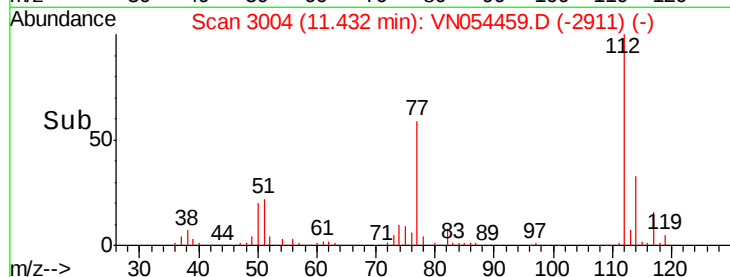
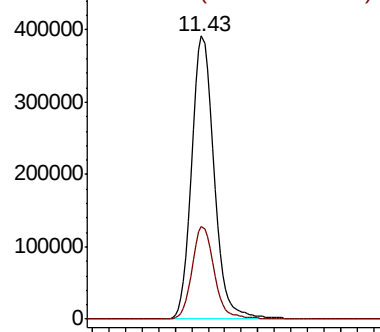
#65
Chlorobenzene
Concen: 45.905 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 734432
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9

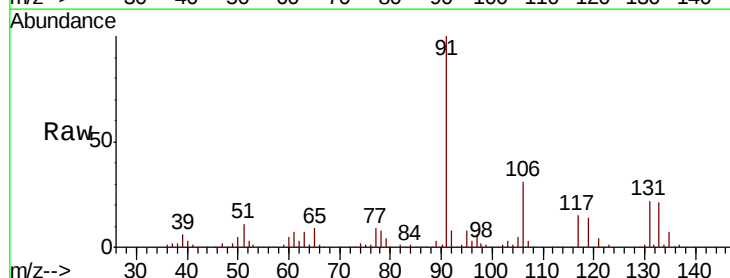


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

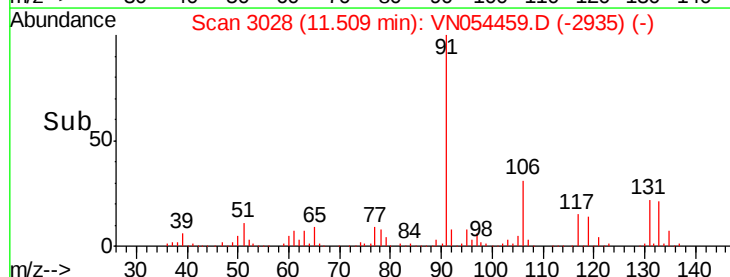
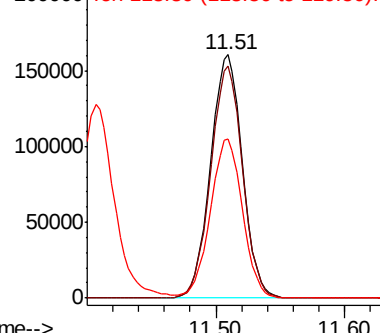


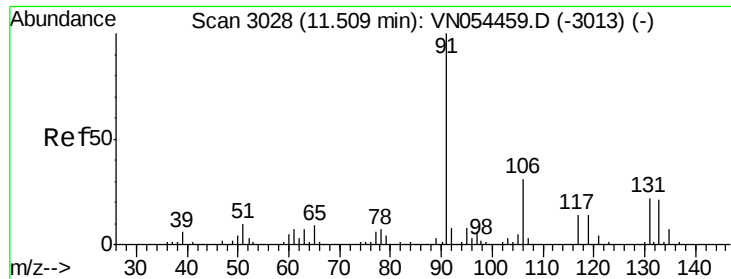
#66
1,1,1,2-Tetrachloroethane
Concen: 47.213 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion:131 Resp: 274404
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 66.1 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

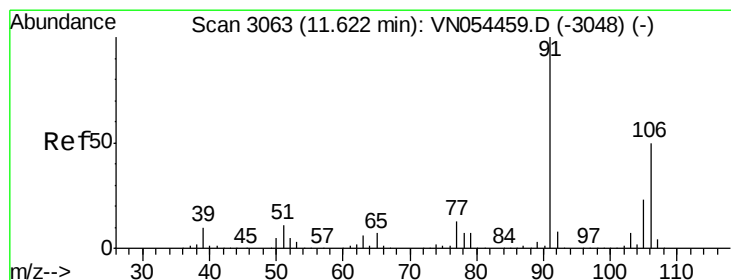
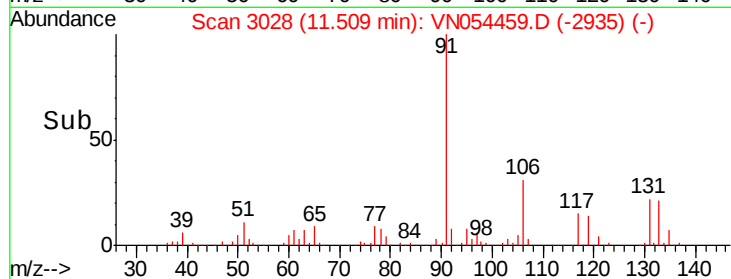
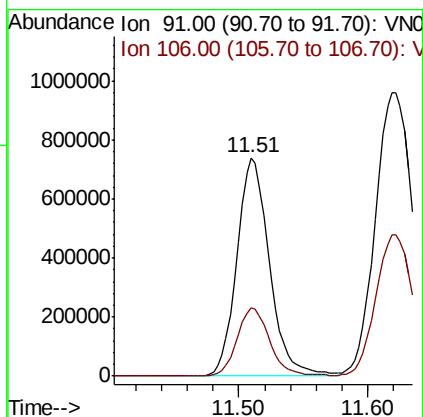
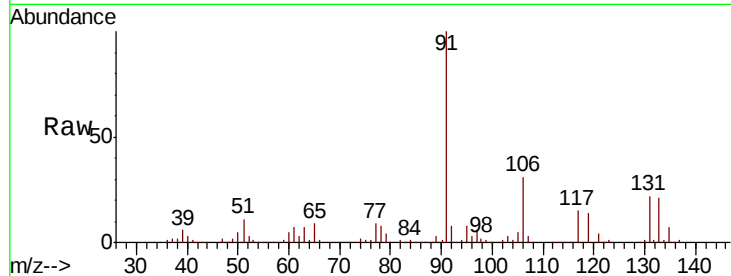




#67
Ethyl Benzene
Concen: 49.137 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

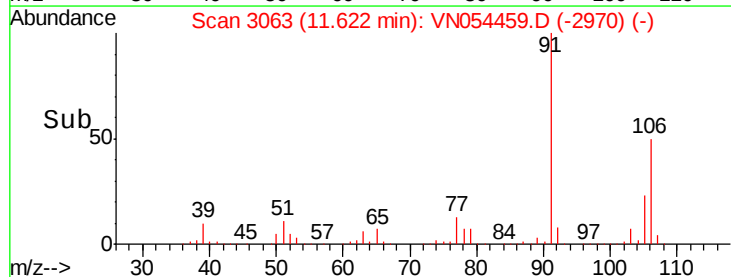
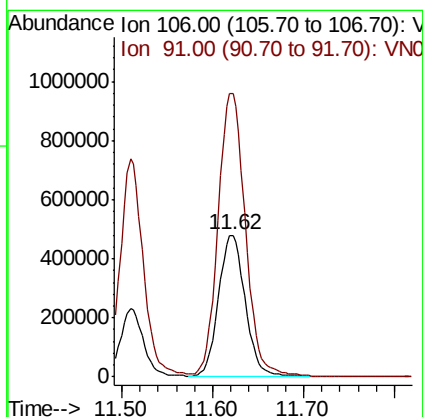
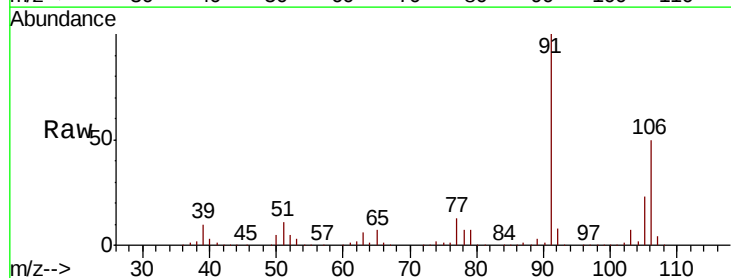
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

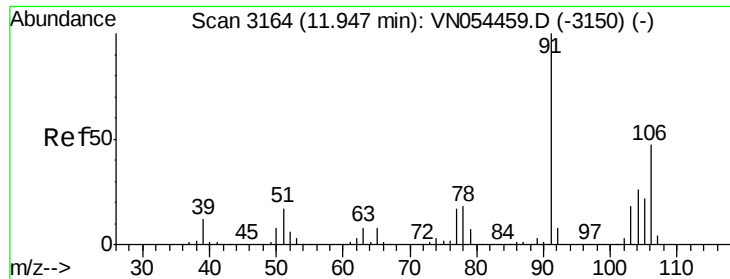
Tgt Ion: 91 Resp: 1303182
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 95.319 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion: 106 Resp: 988046
Ion Ratio Lower Upper
106 100
91 203.0 159.4 239.2

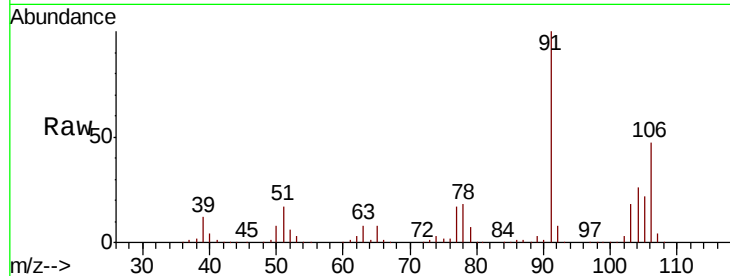




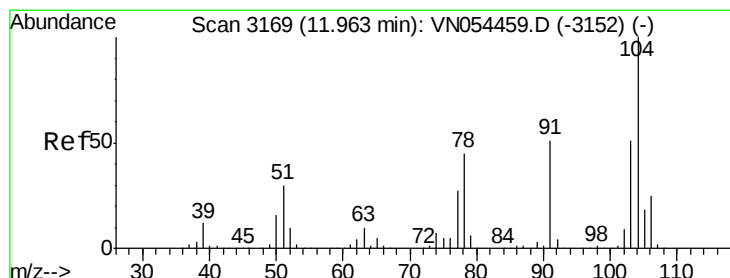
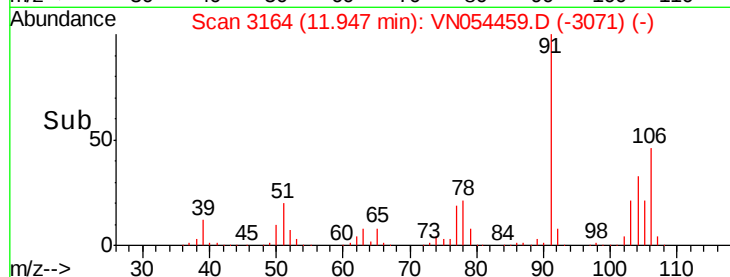
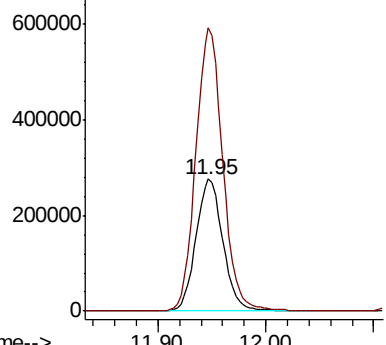
#69
o-Xylene
Concen: 47.688 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 481882
Ion Ratio Lower Upper
106 100
91 213.4 105.7 317.1

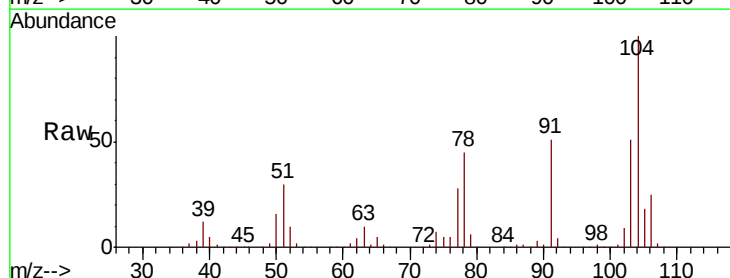


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

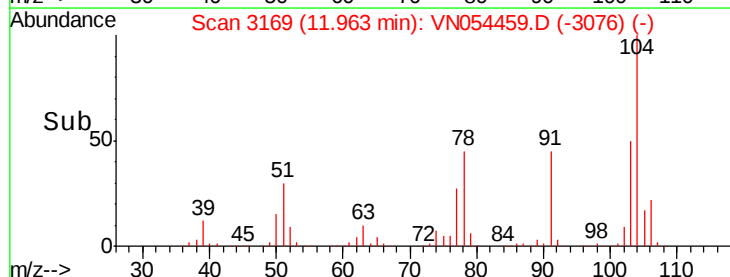
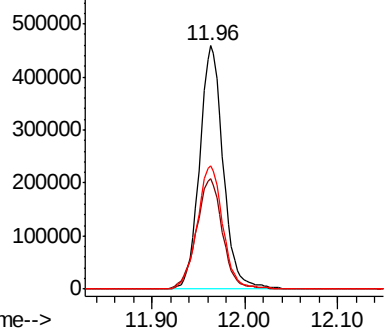


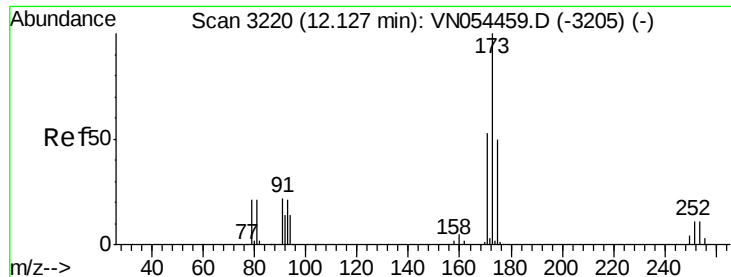
#70
Styrene
Concen: 50.941 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054459.D
Acq: 20 Mar 2019 11:41

Tgt Ion:104 Resp: 807301
Ion Ratio Lower Upper
104 100
78 50.5 38.2 57.2
103 55.4 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.343 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

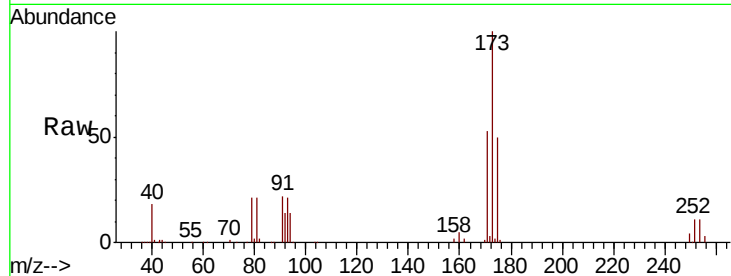
Tgt Ion:173 Resp: 174436

Ion Ratio Lower Upper

173 100

175 50.2 24.4 73.2

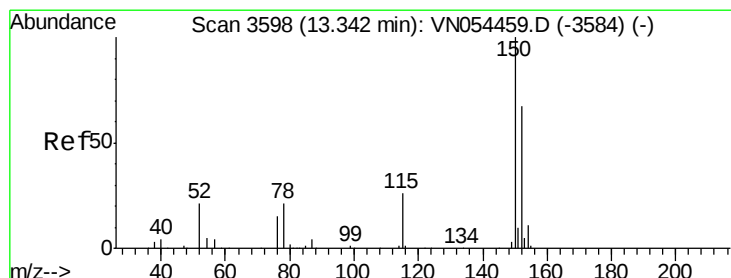
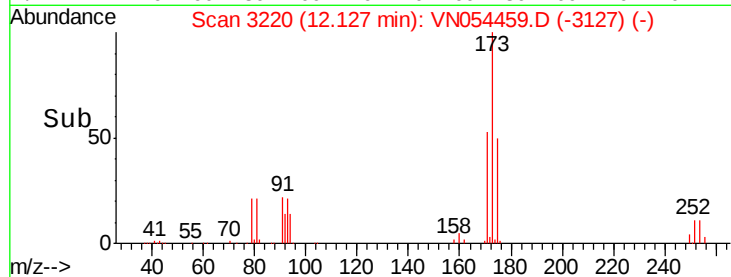
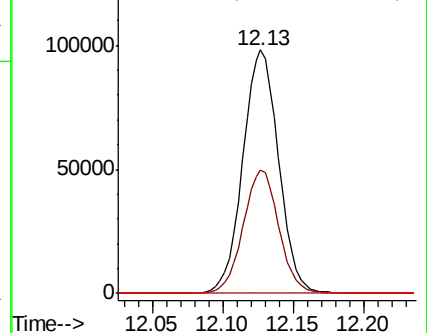
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

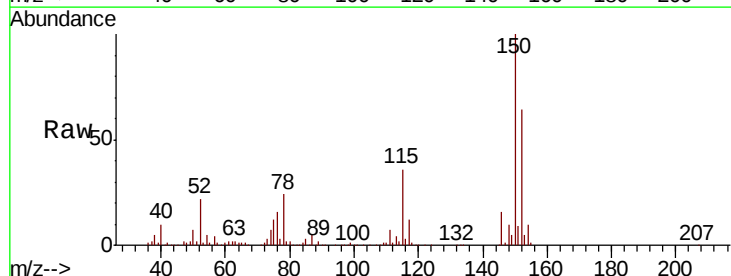
Tgt Ion:152 Resp: 340822

Ion Ratio Lower Upper

152 100

115 55.7 27.2 81.6

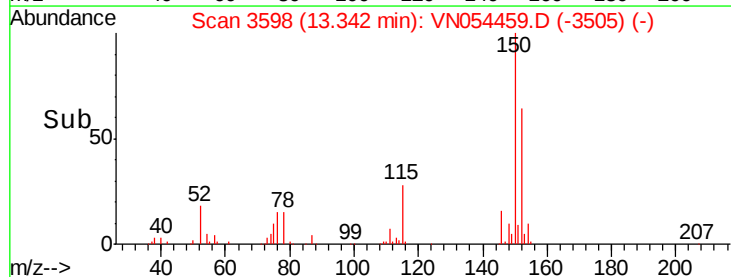
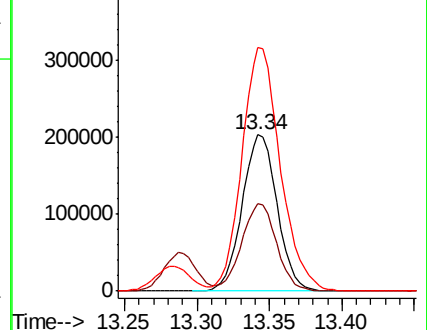
150 170.6 0.0 349.2

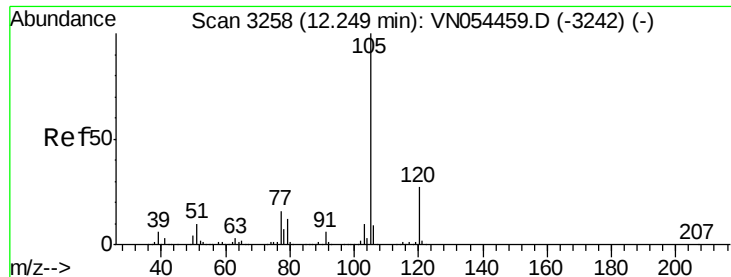


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.159 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

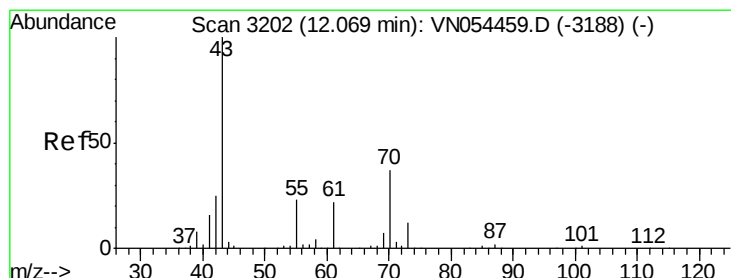
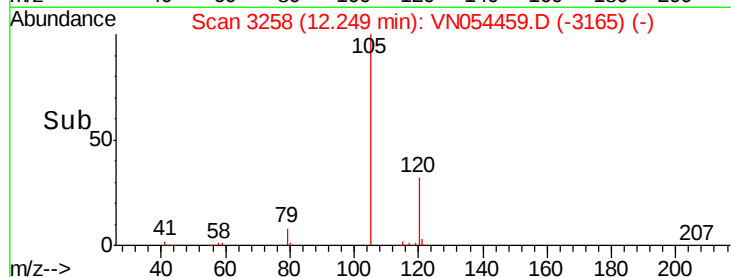
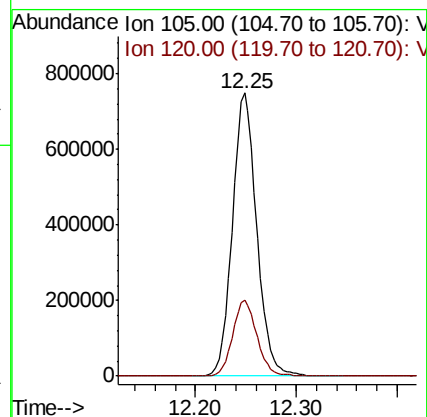
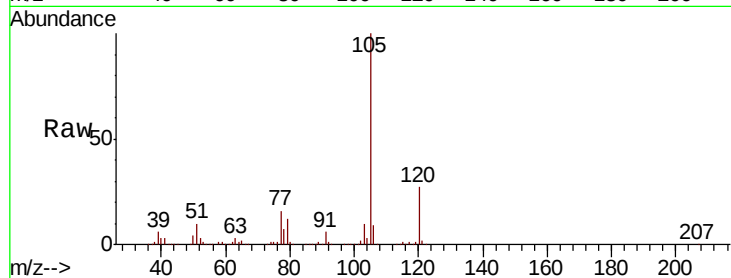
VSTDICCC050

Tgt Ion:105 Resp: 1258656

Ion Ratio Lower Upper

105 100

120 26.9 13.8 41.3



#74

N-ethyl acetate

Concen: 67.798 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Tgt Ion: 43 Resp: 410354

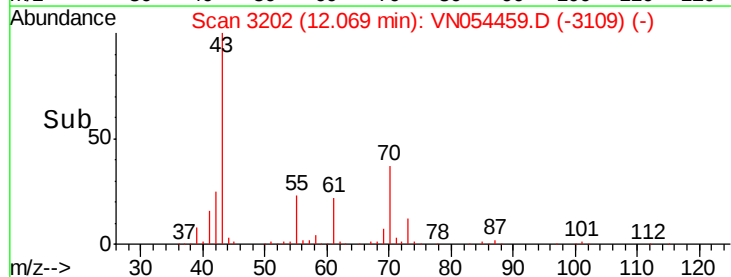
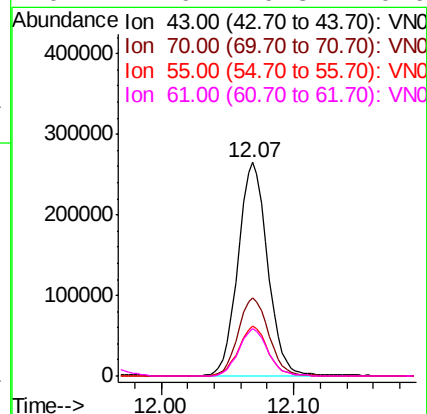
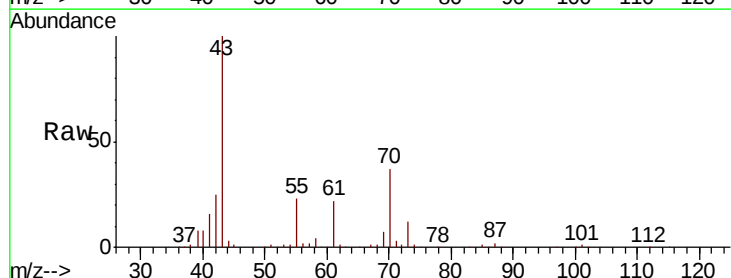
Ion Ratio Lower Upper

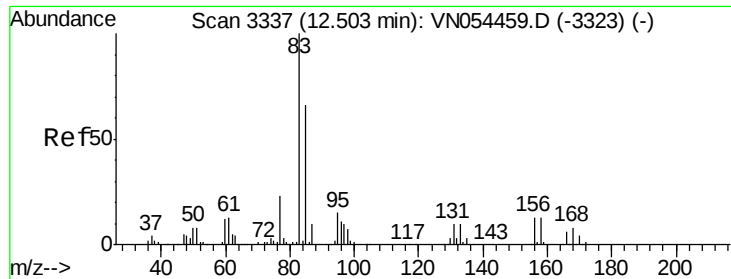
43 100

70 37.9 35.4 53.0

55 23.2 19.8 29.6

61 21.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.606 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

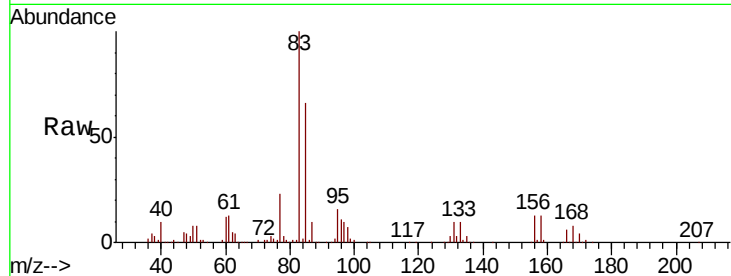
Tgt Ion: 83 Resp: 305619

Ion Ratio Lower Upper

83 100

131 10.7 5.8 17.4

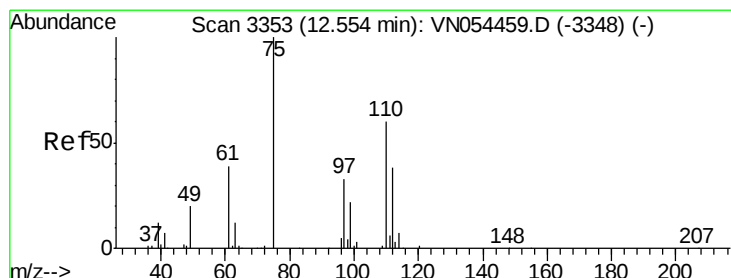
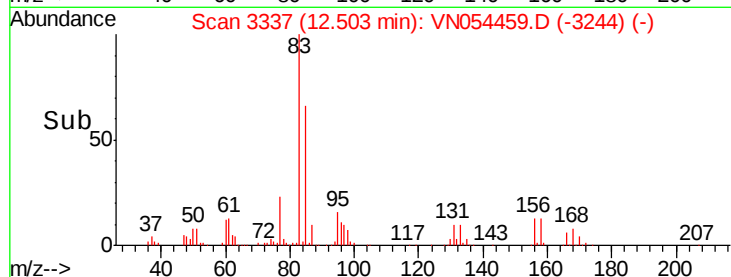
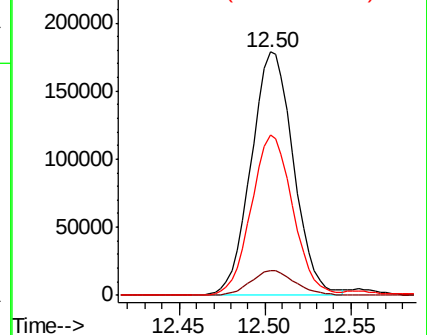
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.186 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054459.D

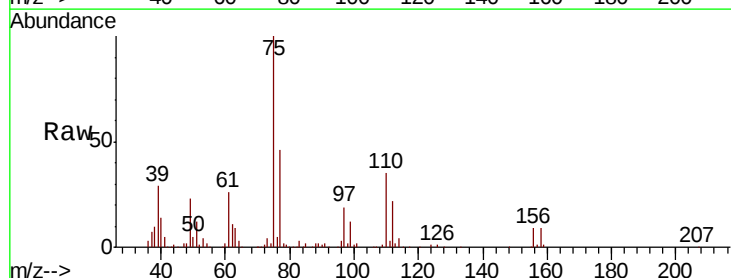
Acq: 20 Mar 2019 11:41

Tgt Ion: 75 Resp: 371814

Ion Ratio Lower Upper

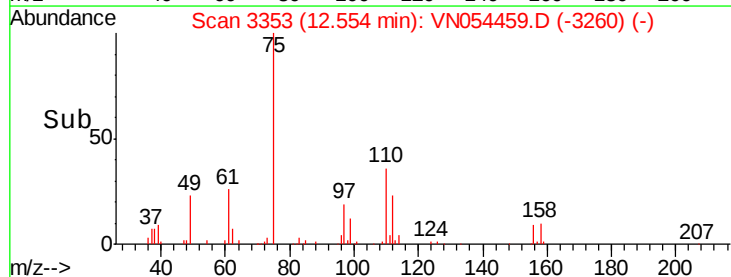
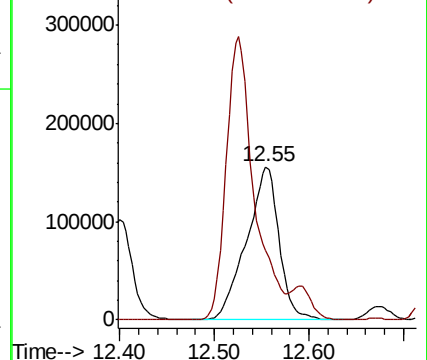
75 100

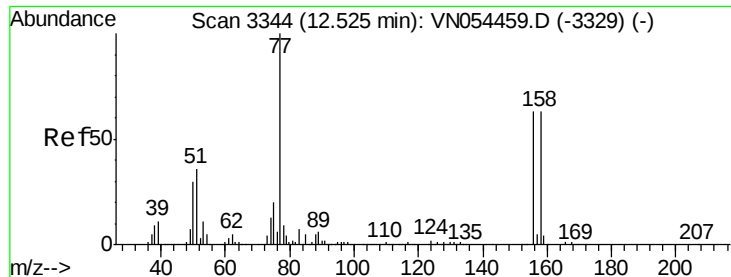
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 44.085 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

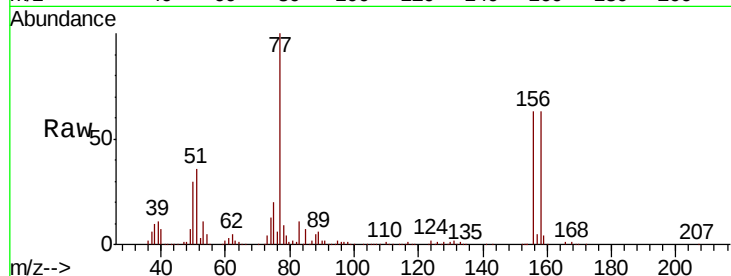
Tgt Ion:156 Resp: 318094

Ion Ratio Lower Upper

156 100

77 186.9 81.5 244.4

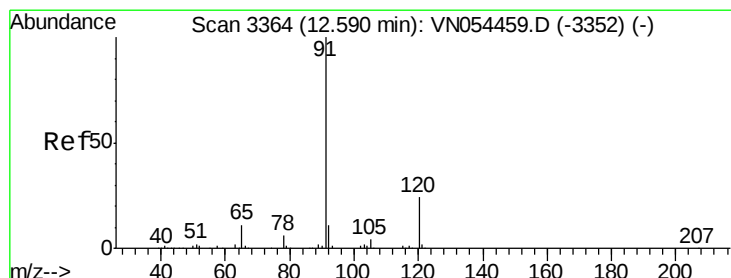
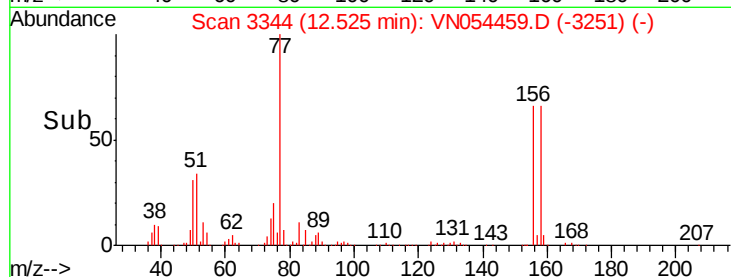
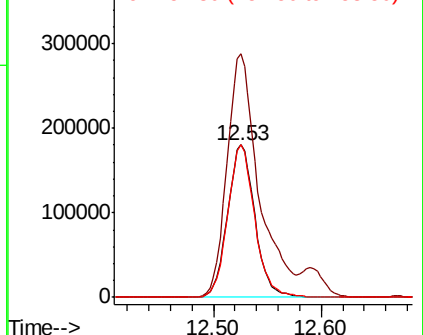
158 98.9 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.088 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054459.D

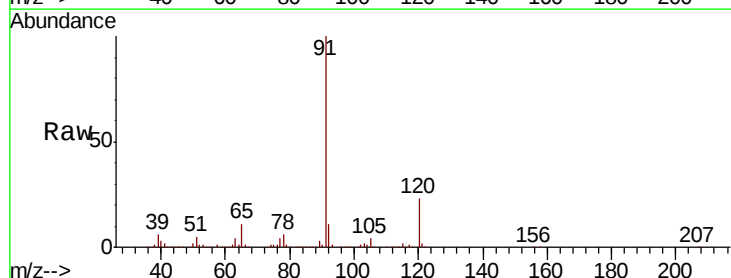
Acq: 20 Mar 2019 11:41

Tgt Ion: 91 Resp: 1393209

Ion Ratio Lower Upper

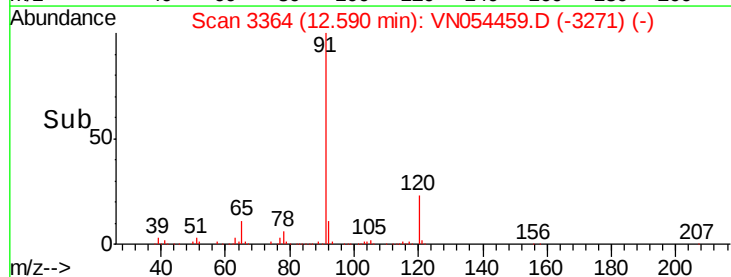
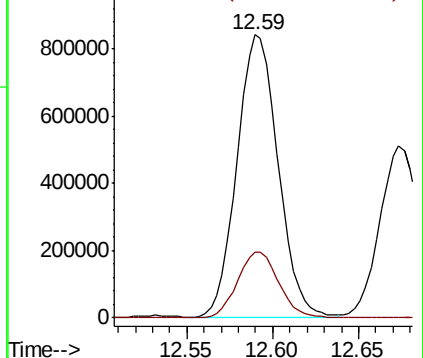
91 100

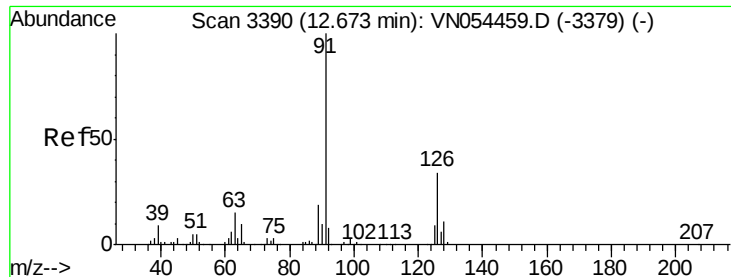
120 23.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.753 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampled :

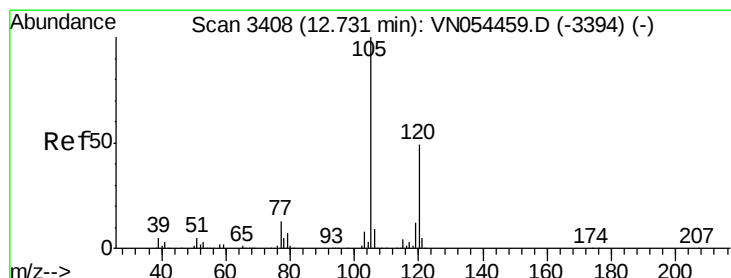
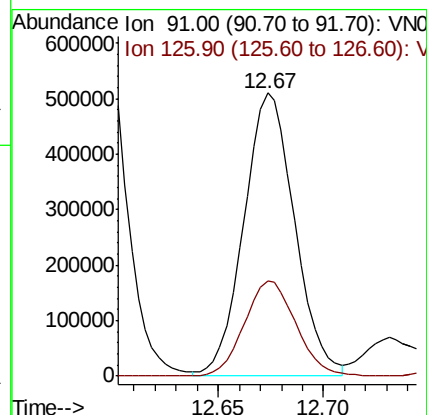
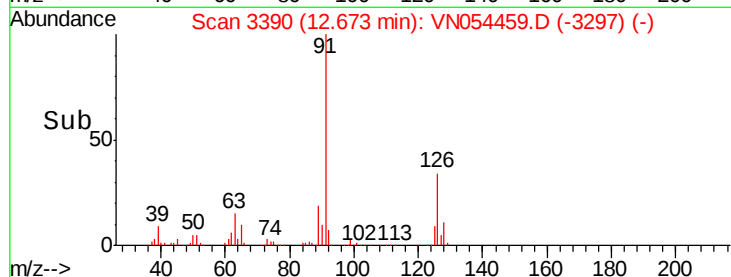
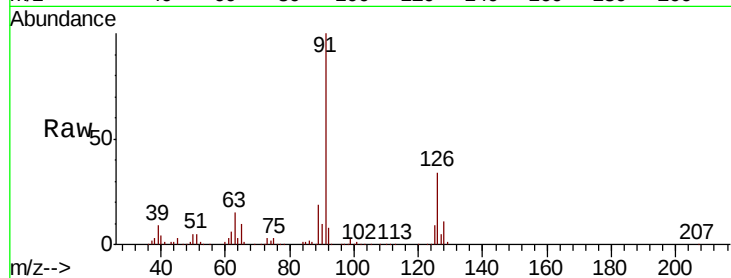
VSTDICCC050

Tgt Ion: 91 Resp: 849529

Ion Ratio Lower Upper

91 100

126 34.6 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 46.513 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054459.D

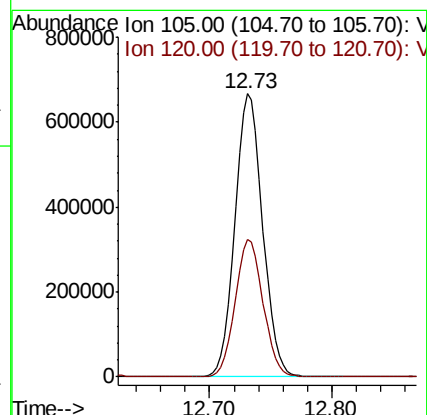
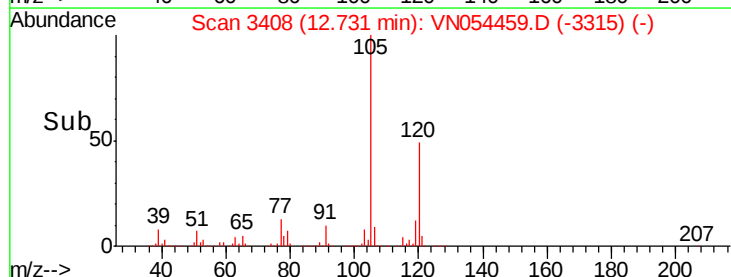
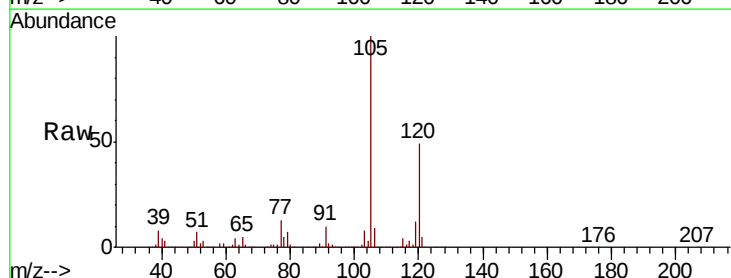
Acq: 20 Mar 2019 11:41

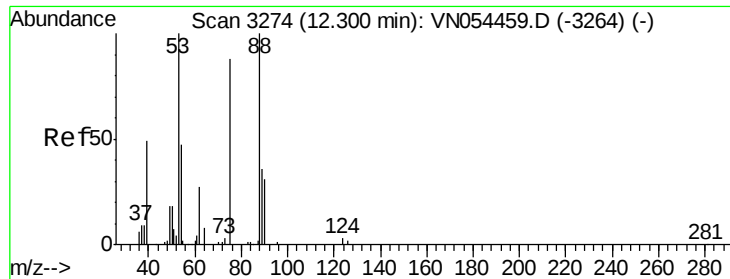
Tgt Ion: 105 Resp: 1054962

Ion Ratio Lower Upper

105 100

120 48.8 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.701 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

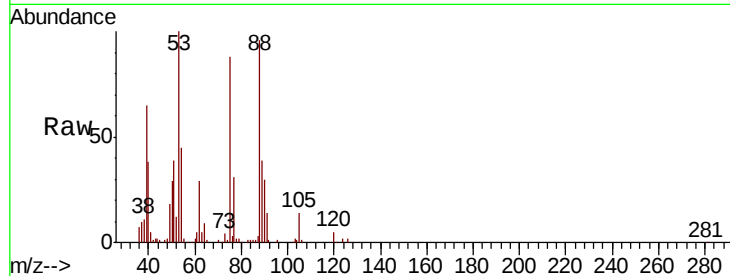
Tgt Ion: 75 Resp: 71403

Ion Ratio Lower Upper

75 100

53 113.0 76.2 114.2

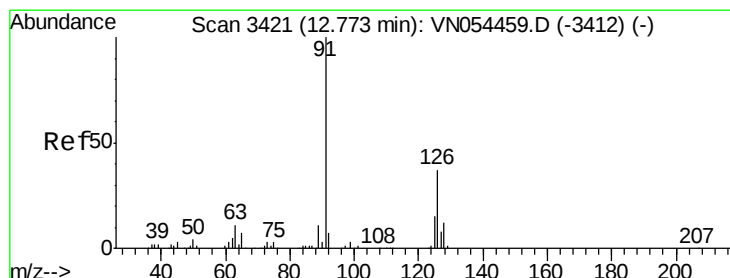
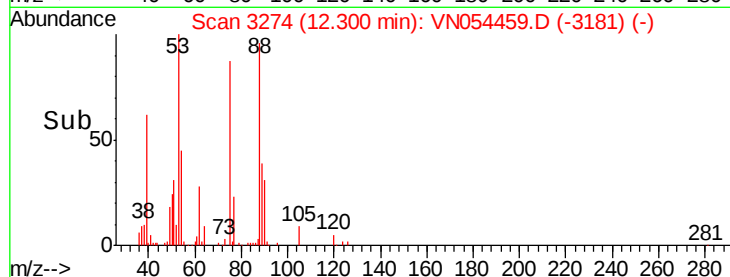
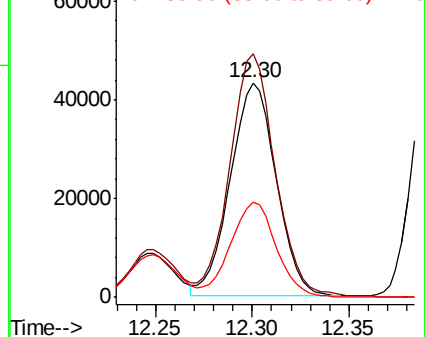
89 44.8 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.882 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054459.D

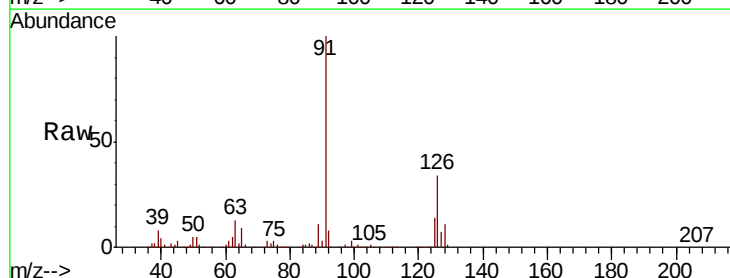
Acq: 20 Mar 2019 11:41

Tgt Ion: 91 Resp: 850574

Ion Ratio Lower Upper

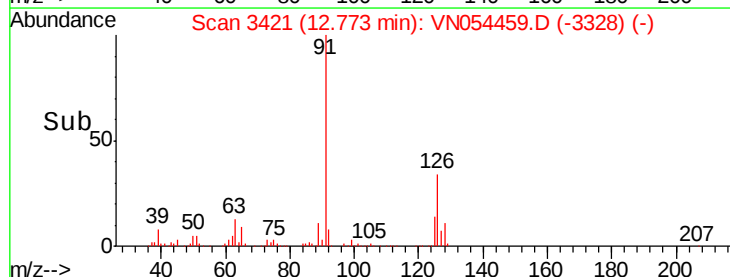
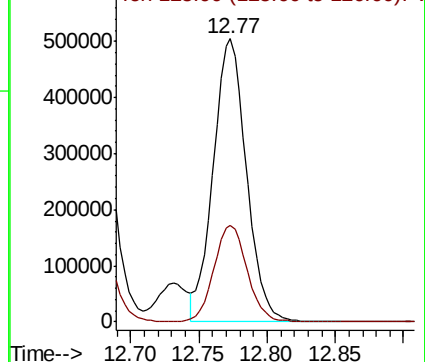
91 100

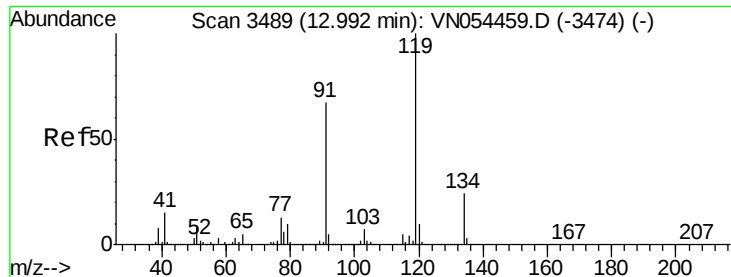
126 34.2 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

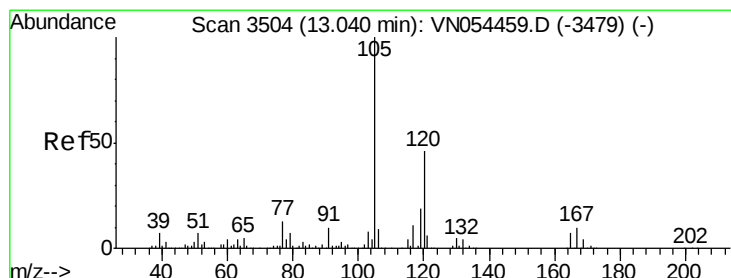
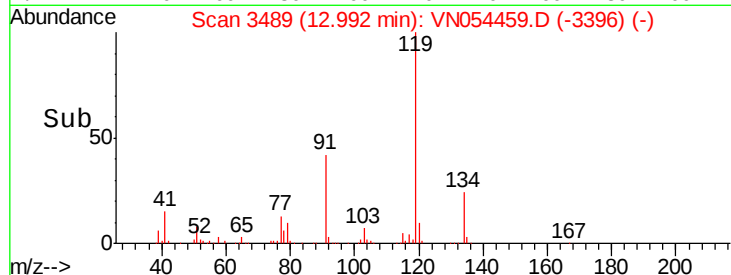
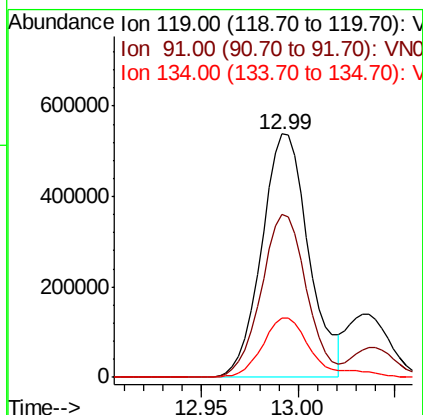
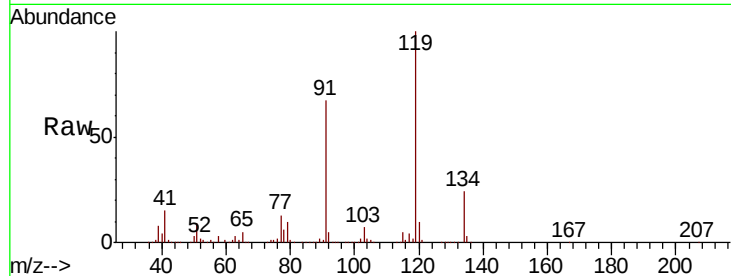




#83
 tert-Butylbenzene
 Concen: 43.822 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

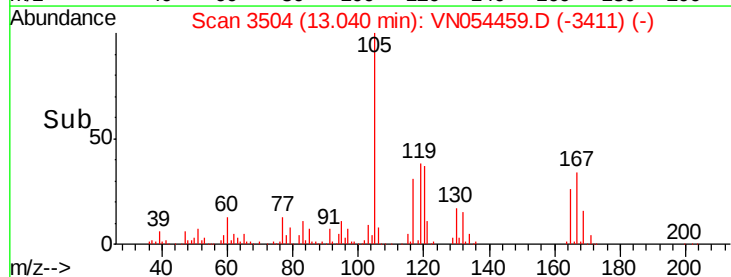
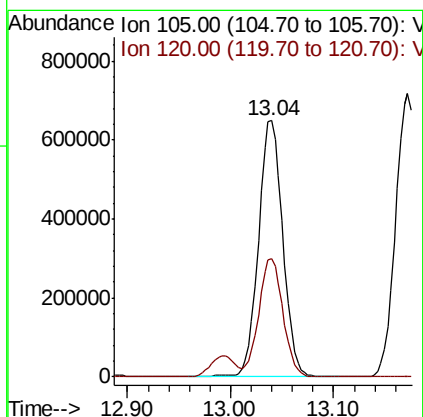
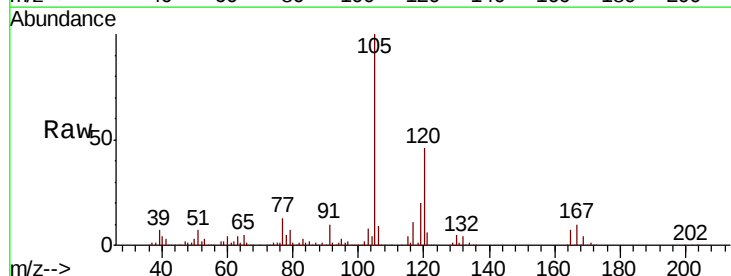
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

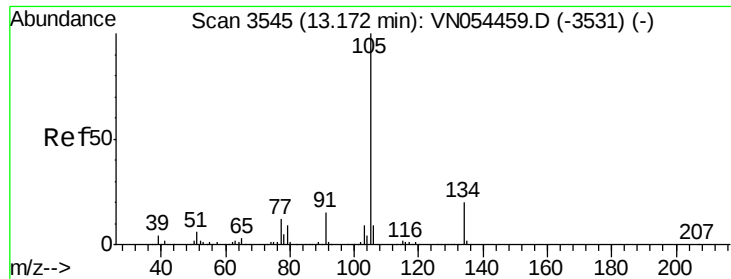
Tgt Ion:119 Resp: 914856
 Ion Ratio Lower Upper
 119 100
 91 64.4 30.9 92.8
 134 24.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.423 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion:105 Resp: 1055223
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.3

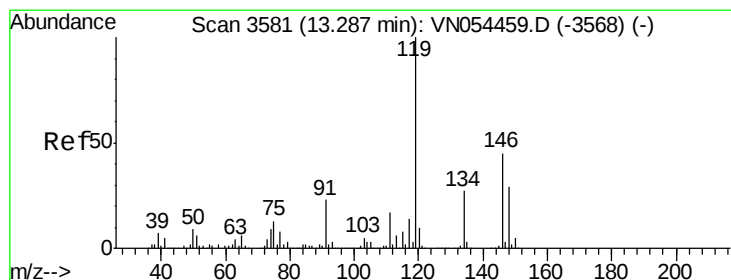
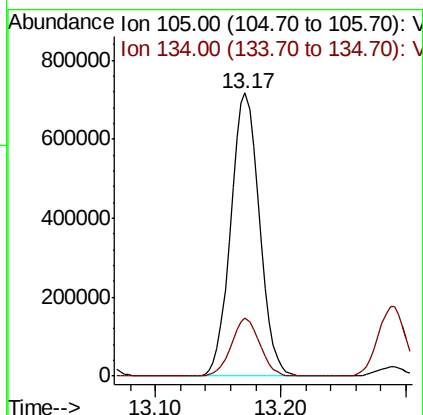
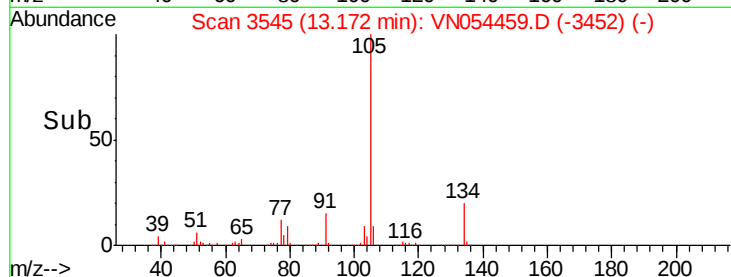
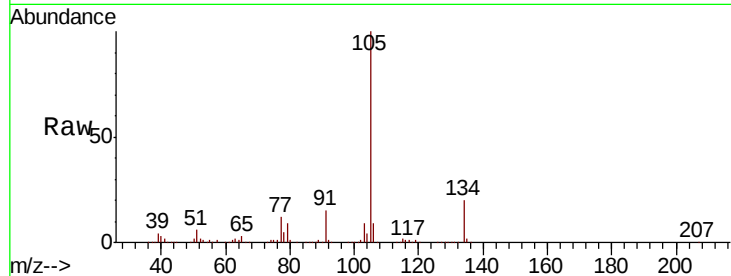




#85
 sec-Butylbenzene
 Concen: 41.928 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

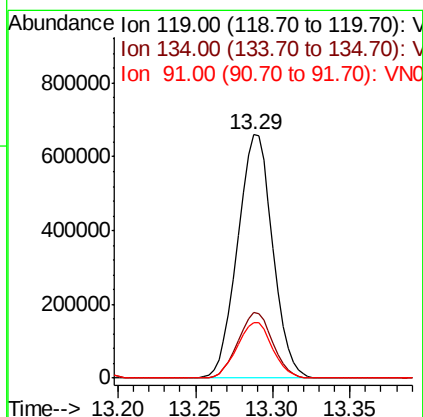
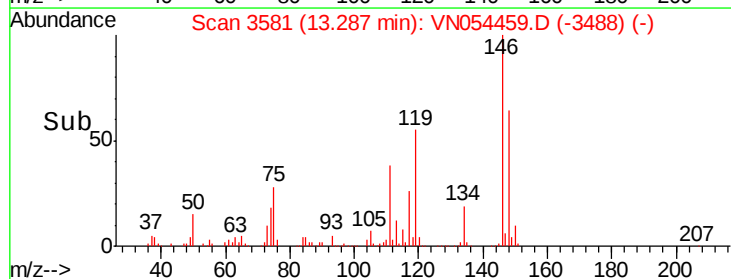
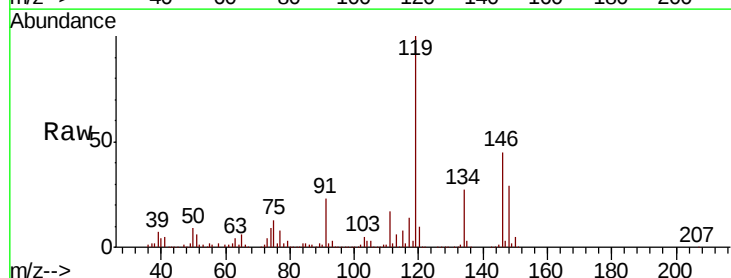
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

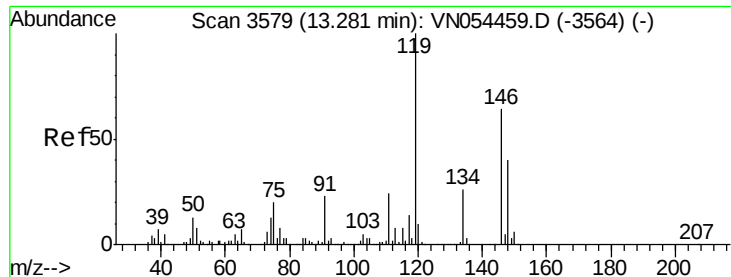
Tgt Ion:105 Resp: 1135153
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 43.785 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion:119 Resp: 1039989
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 23.1 11.1 33.3

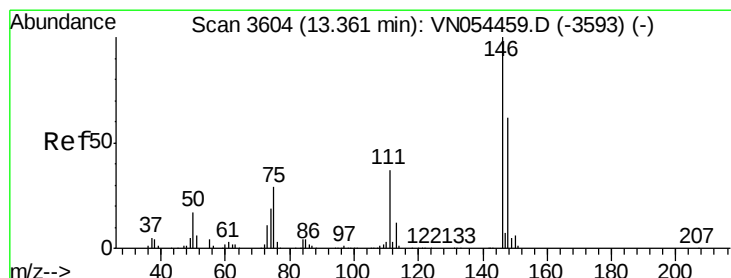
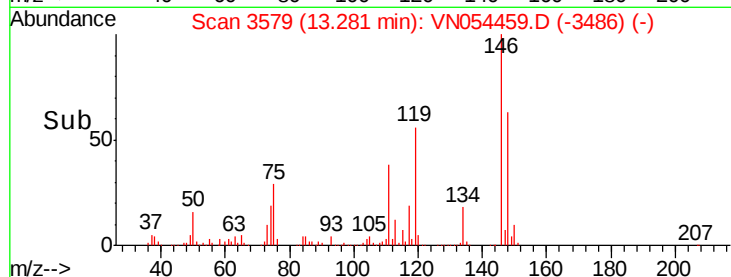
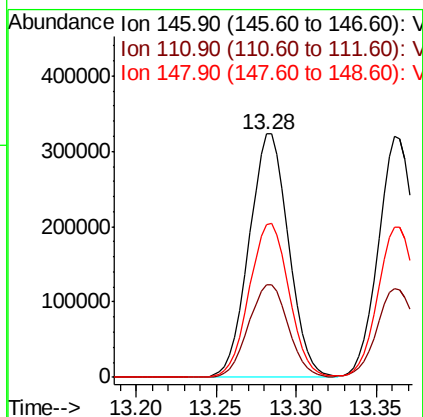
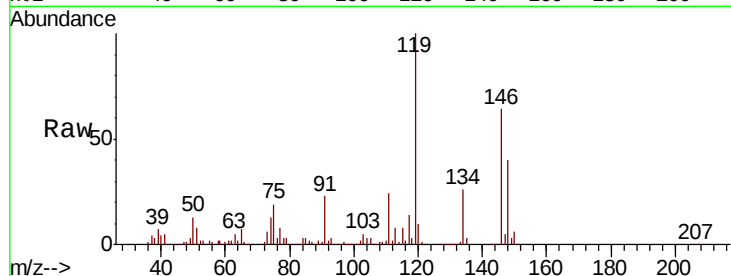




#87
 1,3-Dichlorobenzene
 Concen: 45.000 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

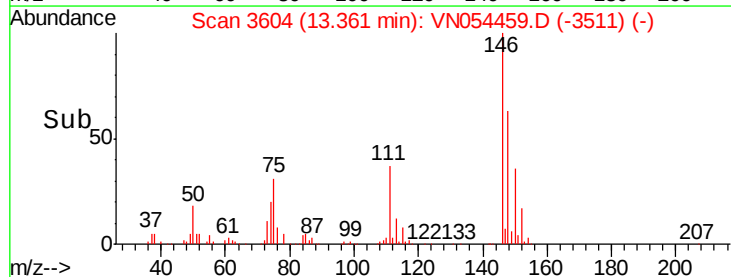
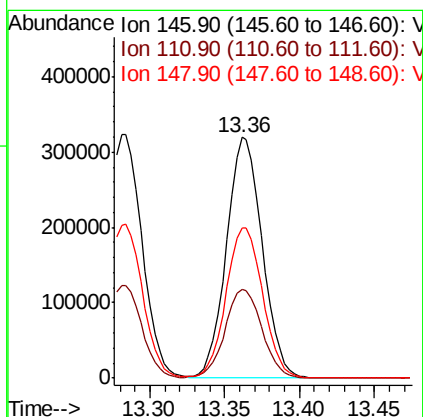
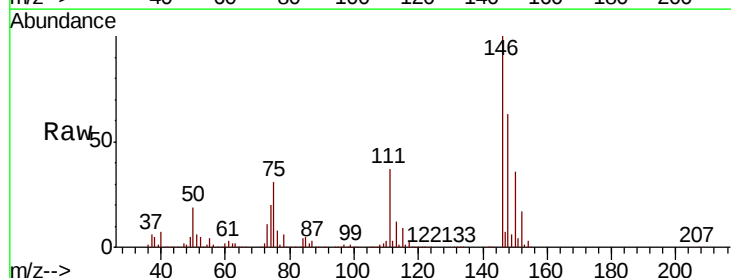
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

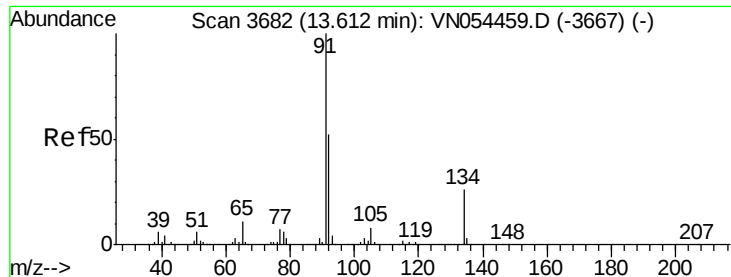
Tgt Ion:146 Resp: 547124
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.8 56.3
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 44.566 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion:146 Resp: 532290
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.1
 148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 47.217 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

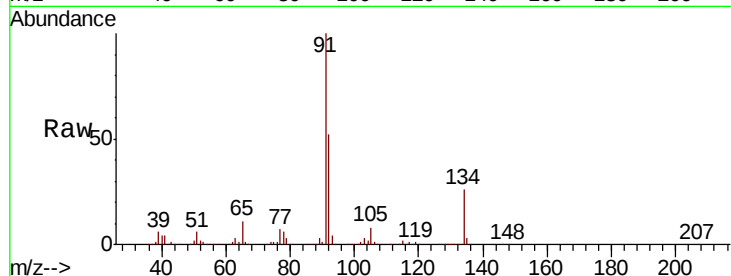
Tgt Ion: 91 Resp: 852132

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.6

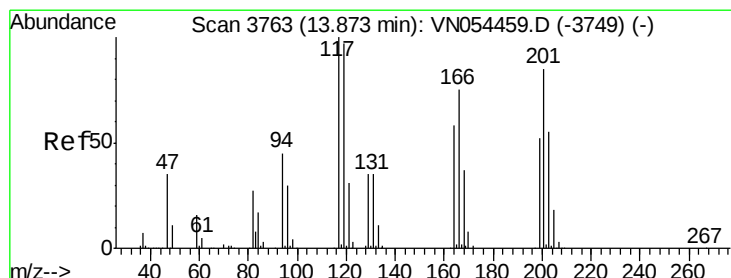
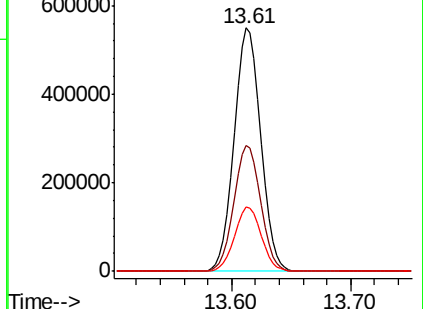
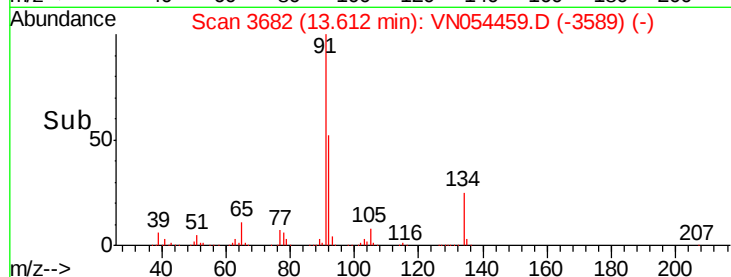
134 26.4 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054459.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN054459.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN054459.D (-3667) (-)



#90

Hexachloroethane

Concen: 42.324 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054459.D

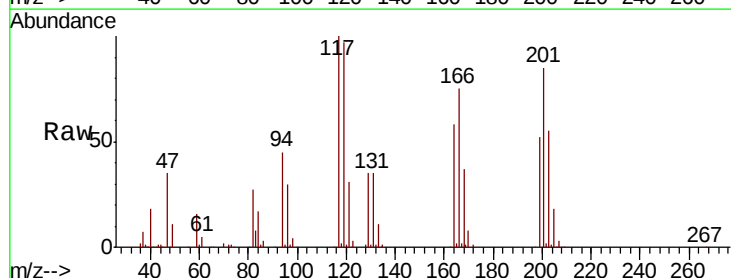
Acq: 20 Mar 2019 11:41

Tgt Ion: 117 Resp: 166458

Ion Ratio Lower Upper

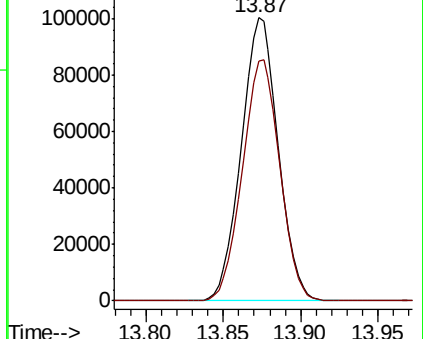
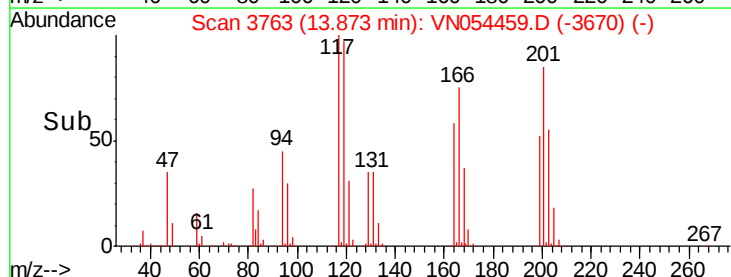
117 100

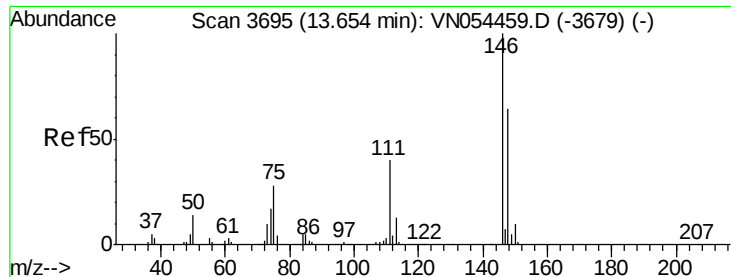
201 86.3 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN054459.D (-3749) (-)

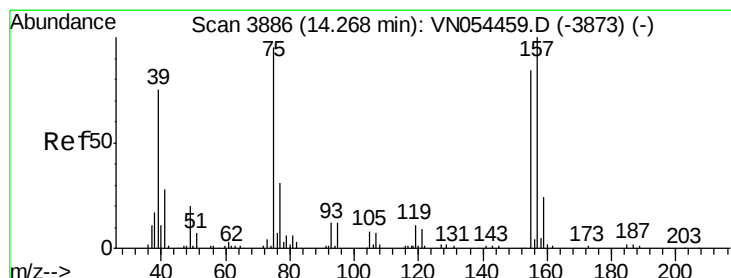
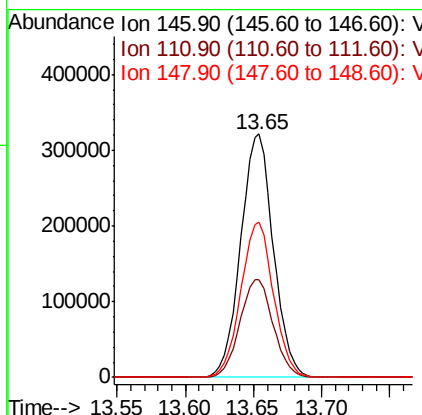
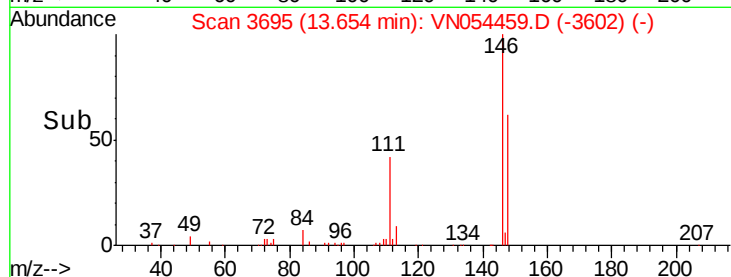
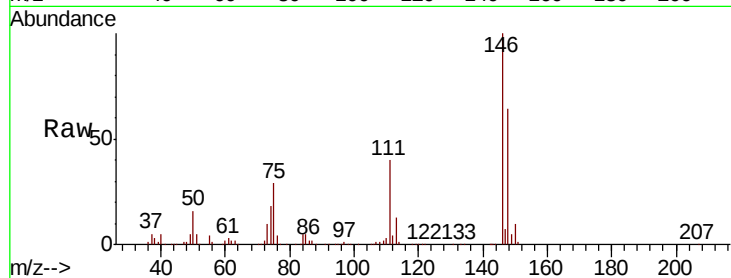




#91
 1,2-Dichlorobenzene
 Concen: 44.856 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

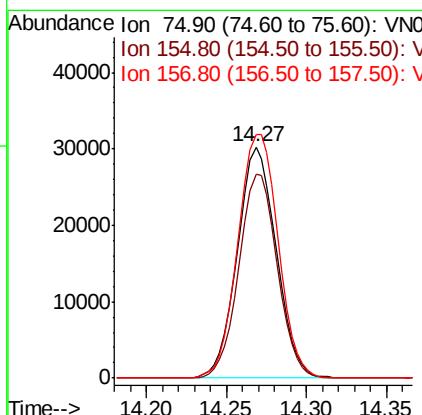
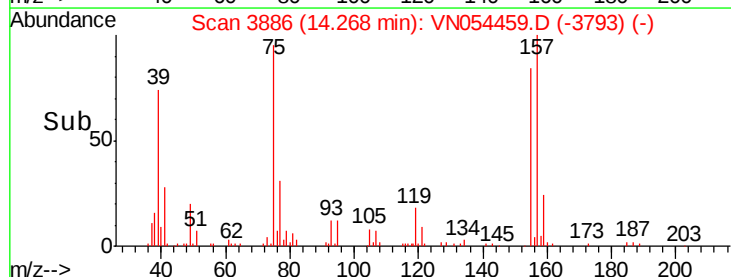
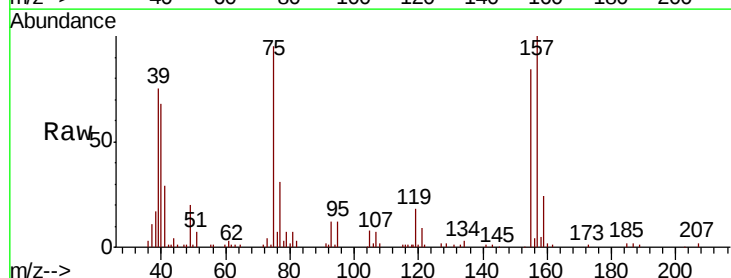
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

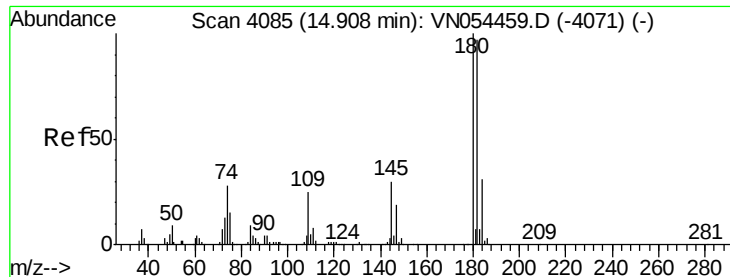
Tgt Ion:146 Resp: 533158
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.1 57.3
 148 63.8 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.652 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion: 75 Resp: 50031
 Ion Ratio Lower Upper
 75 100
 155 87.0 50.1 150.3
 157 109.2 63.1 189.3

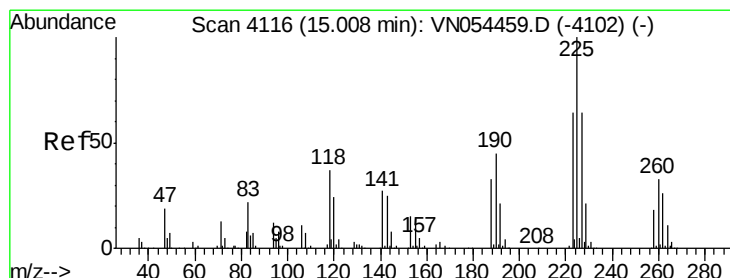
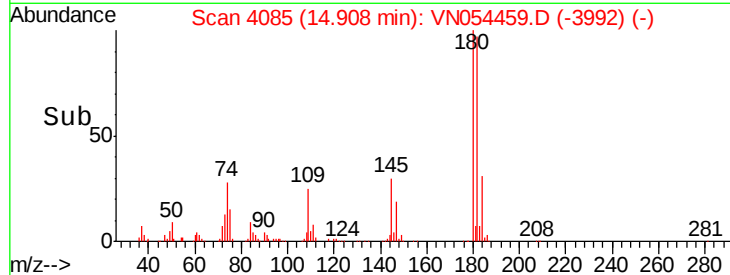
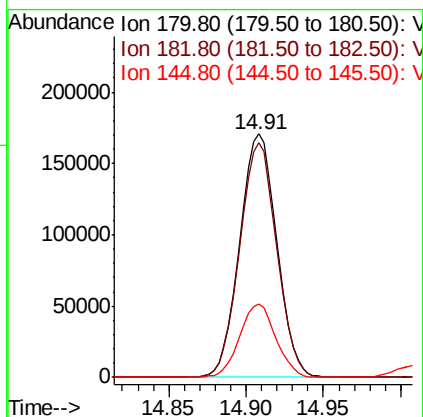
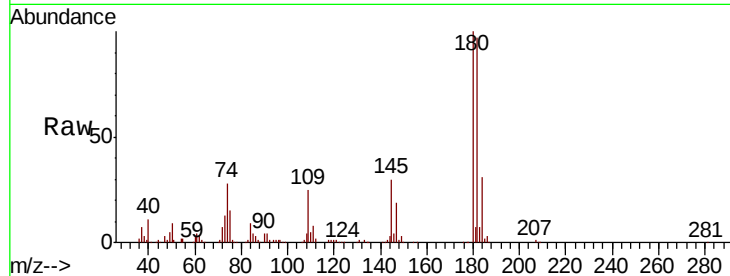




#93
 1,2,4-Trichlorobenzene
 Concen: 46.392 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

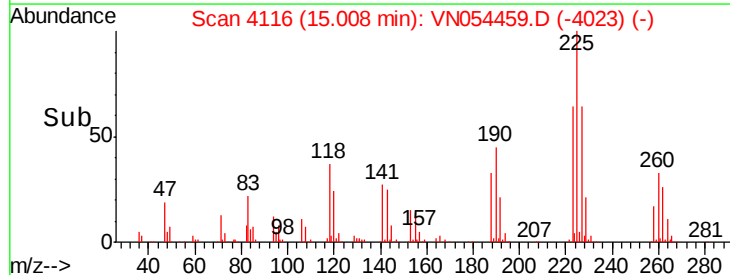
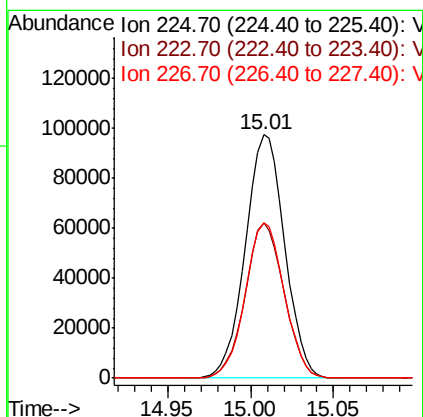
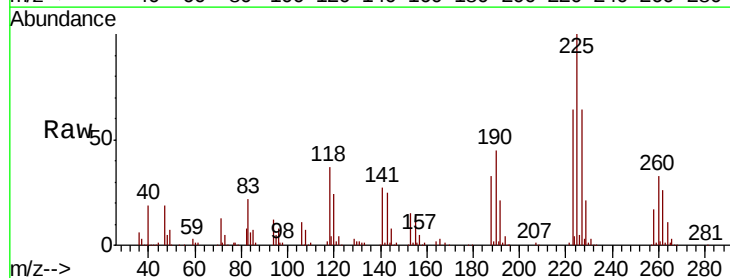
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

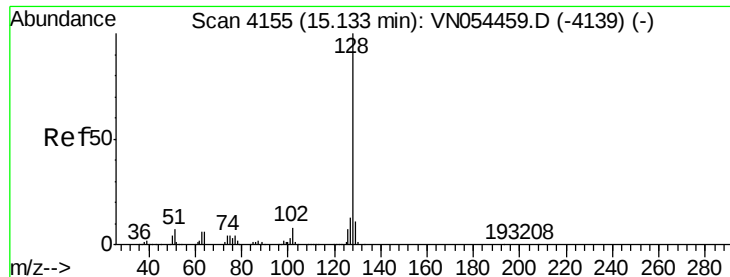
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	29.3	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 35.470 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054459.D
 Acq: 20 Mar 2019 11:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.5
227	63.2	31.9	95.9





#95

Naphthalene

Concen: 50.961 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

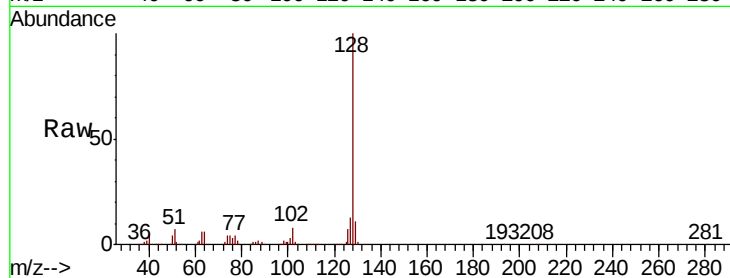
Tgt Ion:128 Resp: 643916

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 10.9 8.7 13.1

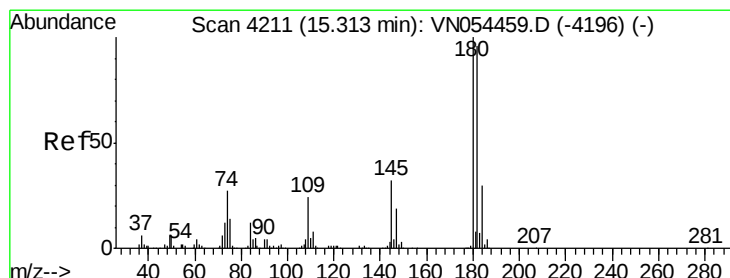
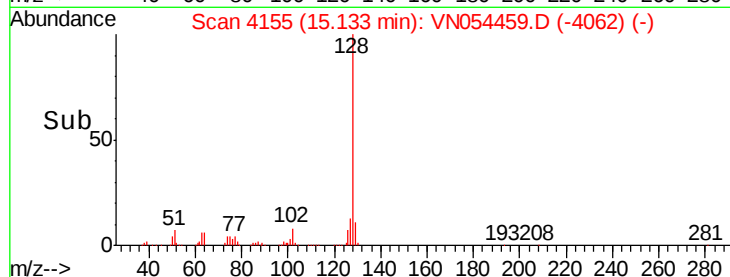
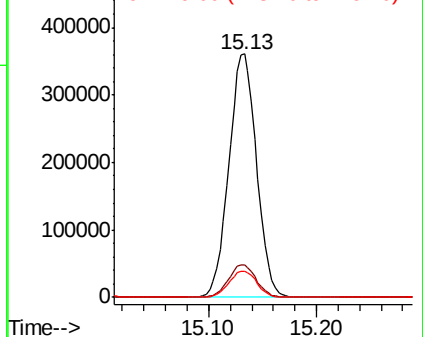


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.994 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054459.D

Acq: 20 Mar 2019 11:41

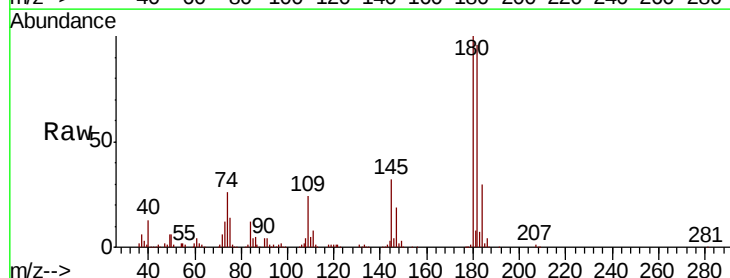
Tgt Ion:180 Resp: 284147

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 31.0 14.8 44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

