

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054614.D
 Acq On : 23 Mar 2019 19:39
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 25 03:34:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	430248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	728303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	632287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	281875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	299725	56.01	ug/l	0.00
Spiked Amount			Recovery	=	112.02%	
35) Dibromofluoromethane	7.59	113	239863	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
50) Toluene-d8	10.09	98	871572	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.40	95	301263	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	217838	52.963	ug/l	99
3) Chloromethane	2.06	50	299731	53.560	ug/l	98
4) Vinyl Chloride	2.19	62	285233	50.767	ug/l	100
5) Bromomethane	2.57	94	159455	43.890	ug/l	98
6) Chloroethane	2.71	64	157835	46.835	ug/l	100
7) Trichlorofluoromethane	3.02	101	348580	51.087	ug/l	99
8) Diethyl Ether	3.41	74	123627	47.111	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.75	101	180684	45.058	ug/l	94
10) Methyl Iodide	3.95	142	273059	46.291	ug/l #	89
11) Tert butyl alcohol	4.82	59	93497	288.573	ug/l	99
12) 1,1-Dichloroethene	3.73	96	180743	43.554	ug/l #	77
13) Acrolein	3.61	56	32880	73.537	ug/l	98
14) Allyl chloride	4.32	41	432492	55.345	ug/l #	92
15) Acrylonitrile	5.00	53	473351	293.373	ug/l	99
16) Acetone	3.82	43	339579	211.055	ug/l #	83
17) Carbon Disulfide	4.04	76	552005	49.644	ug/l	100
18) Methyl Acetate	4.33	43	222286	61.984	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	676689	55.873	ug/l	94
20) Methylene Chloride	4.55	84	250138	52.740	ug/l #	82
21) trans-1,2-Dichloroethene	5.04	96	230325	54.354	ug/l #	84
22) Diisopropyl ether	5.96	45	912909	59.226	ug/l #	94
23) Vinyl Acetate	5.90	43	3362928	308.910	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	474155	57.131	ug/l	98
25) 2-Butanone	6.85	43	603920	293.012	ug/l	90
26) 2,2-Dichloropropane	6.82	77	295581	49.961	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	269137	53.248	ug/l	87
28) Bromochloromethane	7.19	49	237912	58.238	ug/l #	71
29) Tetrahydrofuran	7.22	42	416871	311.679	ug/l #	83
30) Chloroform	7.37	83	453564	55.999	ug/l	100
31) Cyclohexane	7.65	56	434198	54.776	ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	381582	57.105	ug/l	96
36) 1,1-Dichloropropene	7.79	75	339039	49.788	ug/l	96
37) Ethyl Acetate	6.94	43	273895	56.551	ug/l	95
38) Carbon Tetrachloride	7.77	117	329577	49.804	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	358016	45.961	ug/l	89
40) Benzene	8.04	78	1009487	51.841	ug/l	100
41) Methacrylonitrile	7.18	41	145362	49.214	ug/l	90
42) 1,2-Dichloroethane	8.12	62	373017	52.601	ug/l	96
43) Isopropyl Acetate	8.17	43	483238	59.078	ug/l #	92
44) Trichloroethene	8.83	130	261650	48.330	ug/l	95
45) 1,2-Dichloropropane	9.12	63	289241	55.317	ug/l	97
46) Dibromomethane	9.21	93	166394	53.342	ug/l	88
47) Bromodichloromethane	9.40	83	350762	54.181	ug/l	98
48) Methyl methacrylate	9.20	41	245034	55.193	ug/l	88
49) 1,4-Dioxane	9.20	88	51442	1036.466	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	1338234	295.209	ug/l	93
52) Toluene	10.16	92	600682	50.154	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	339408	49.713	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	404538	54.498	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	228065	52.975	ug/l	96
56) Ethyl methacrylate	10.43	69	325140	56.268	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	402042	53.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	607236	255.205	ug/l	90
59) 2-Hexanone	10.75	43	844393	285.170	ug/l	91
60) Dibromochloromethane	10.90	129	252439	55.105	ug/l	99
61) 1,2-Dibromoethane	11.01	107	223225	52.448	ug/l	100
64) Tetrachloroethene	10.63	164	234538	44.720	ug/l	96
65) Chlorobenzene	11.43	112	645752	50.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	248830	53.908	ug/l	99
67) Ethyl Benzene	11.51	91	1151517	50.691	ug/l	98
68) m/p-Xylenes	11.62	106	846374	98.366	ug/l	96
69) o-Xylene	11.95	106	419899	49.970	ug/l	97
70) Styrene	11.96	104	698873	51.215	ug/l	97
71) Bromoform	12.13	173	156330	49.164	ug/l #	100
73) Isopropylbenzene	12.25	105	1094099	48.168	ug/l	98
74) N-amyl acetate	12.07	43	380733	58.295	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	287167	55.384	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	339941	76.000	ug/l #	100
77) Bromobenzene	12.53	156	276632	49.106	ug/l	86
78) n-propylbenzene	12.59	91	1202634	48.828	ug/l	97
79) 2-Chlorotoluene	12.67	91	742380	48.334	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	898142	48.245	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	64396	49.655	ug/l #	83
82) 4-Chlorotoluene	12.77	91	736655	49.480	ug/l	95
83) tert-Butylbenzene	12.99	119	770567	47.553	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	875160	47.911	ug/l	98
85) sec-Butylbenzene	13.17	105	962597	47.653	ug/l	97
86) p-Isopropyltoluene	13.29	119	859649	47.568	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	451582	48.373	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	441084	48.561	ug/l	98
89) n-Butylbenzene	13.61	91	682950	48.329	ug/l	98
90) Hexachloroethane	13.88	117	148404	52.903	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	449893	49.755	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44534	58.557	ug/l	82

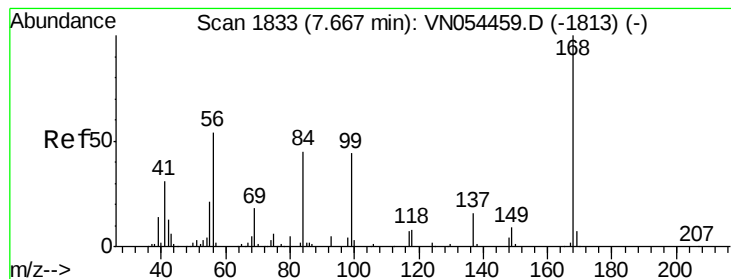
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	220245	48.861	ug/l	98
94) Hexachlorobutadiene	15.01	225	122222	48.169	ug/l	99
95) Naphthalene	15.13	128	516454	51.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	222411	49.576	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

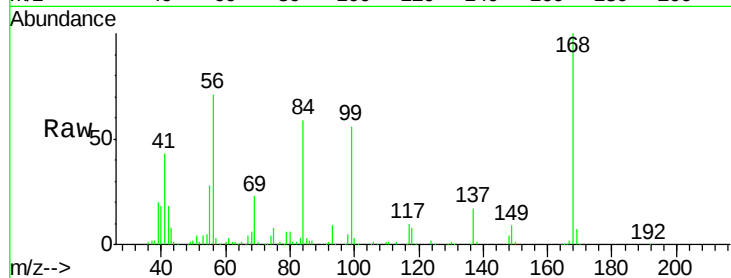
VSTDCCC050EC

Tot Ion:168 Resp: 430248

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

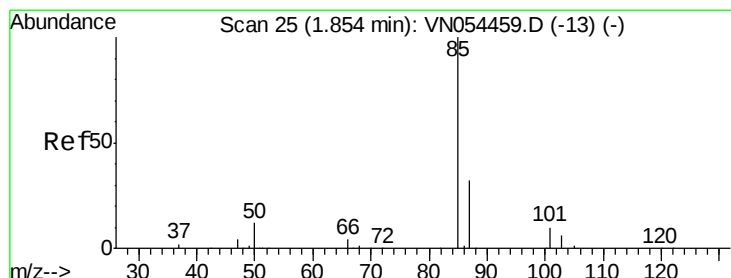
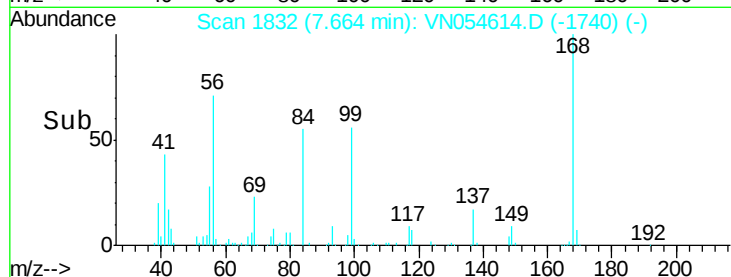
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.963 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054614.D

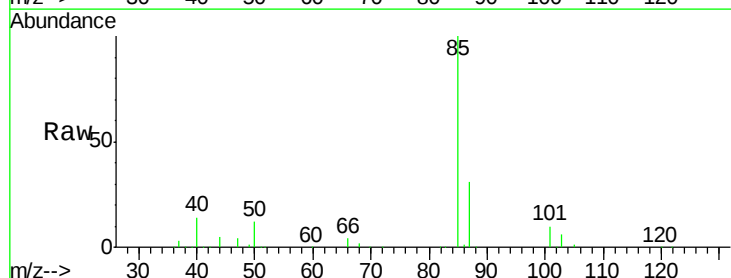
Acq: 23 Mar 2019 19:39

Tgt Ion: 85 Resp: 217838

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

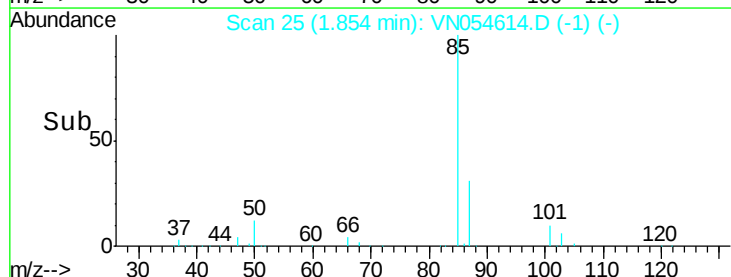
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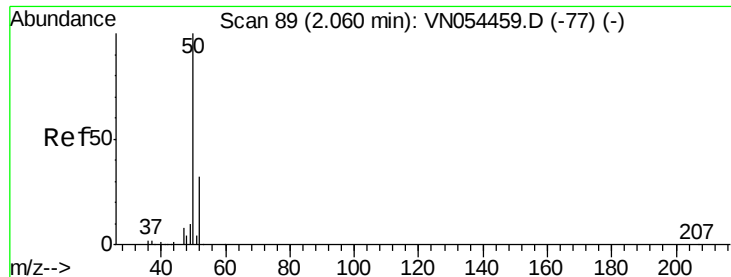
100000

50000

0

Time-->





#3

Chloromethane

Concen: 53.560 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

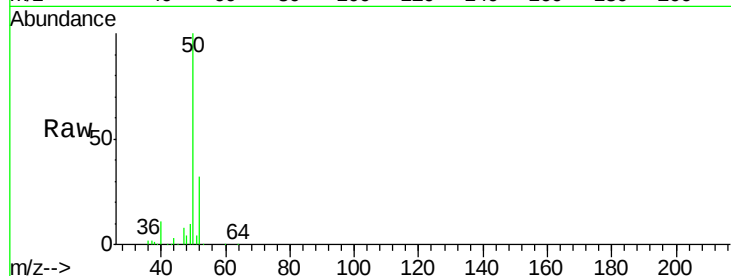
VSTDCCC050EC

Tot Ion: 50 Resp: 299731

Ion Ratio Lower Upper

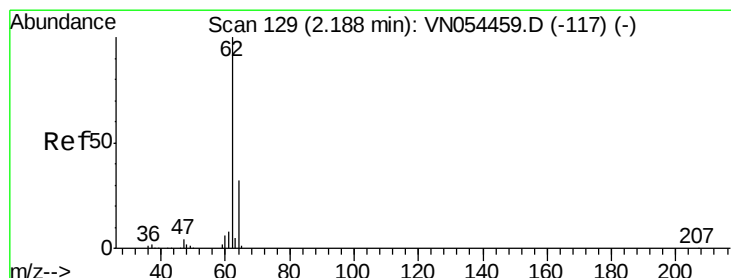
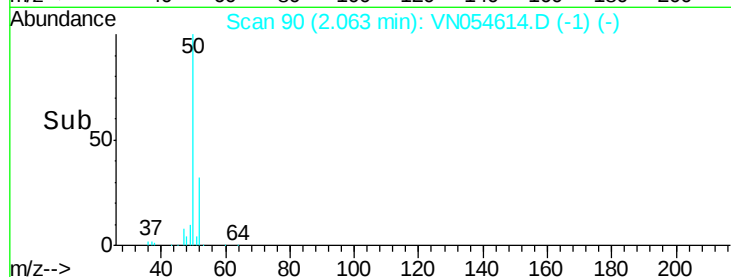
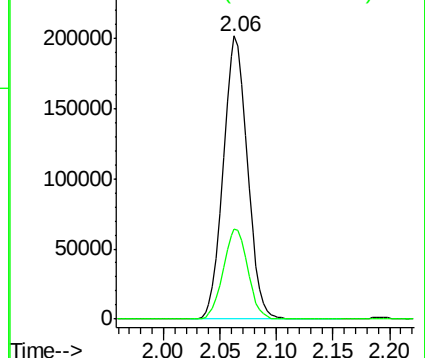
50 100

52 32.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 50.767 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054614.D

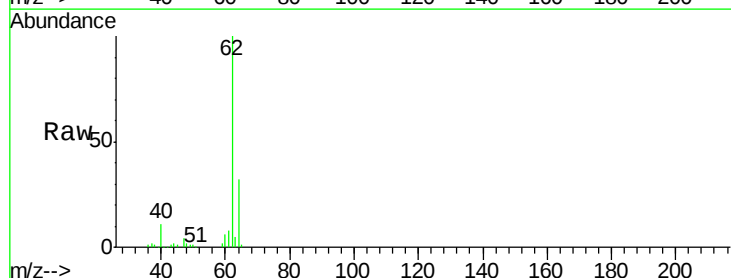
Acq: 23 Mar 2019 19:39

Tgt Ion: 62 Resp: 285233

Ion Ratio Lower Upper

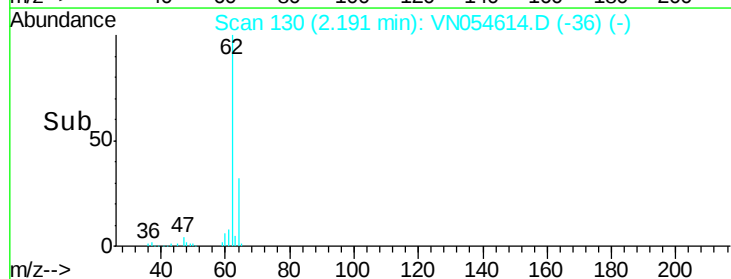
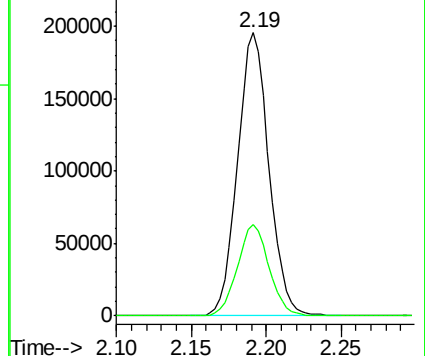
62 100

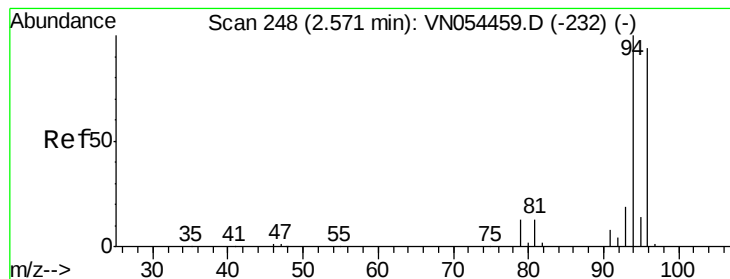
64 32.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 43.890 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

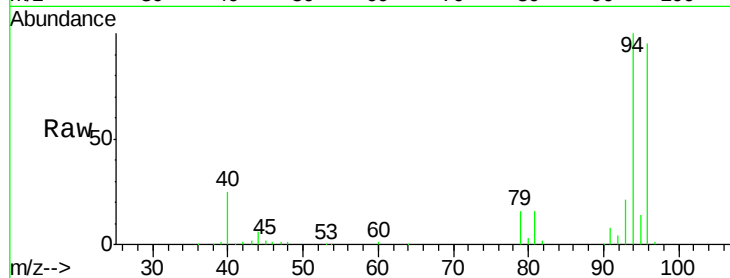
VSTDCCC050EC

Tot Ion: 94 Resp: 159455

Ion Ratio Lower Upper

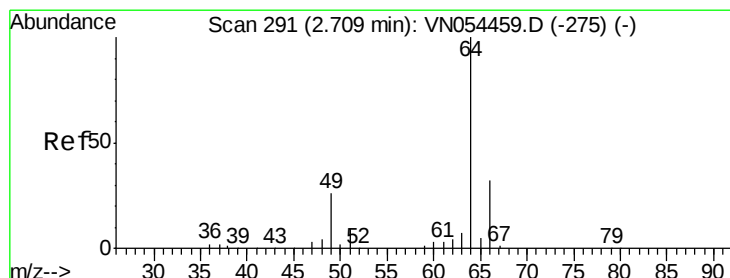
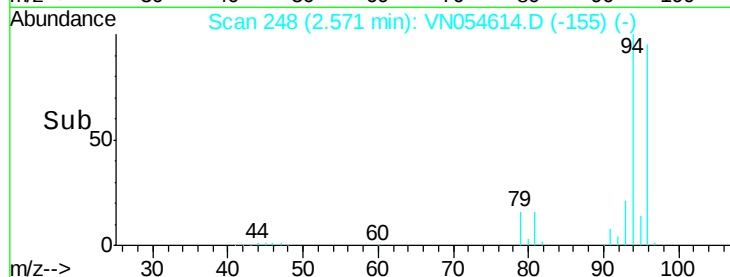
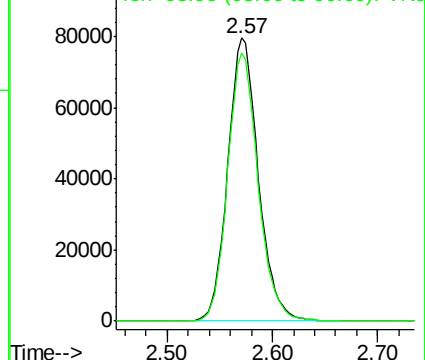
94 100

96 94.5 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.835 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN054614.D

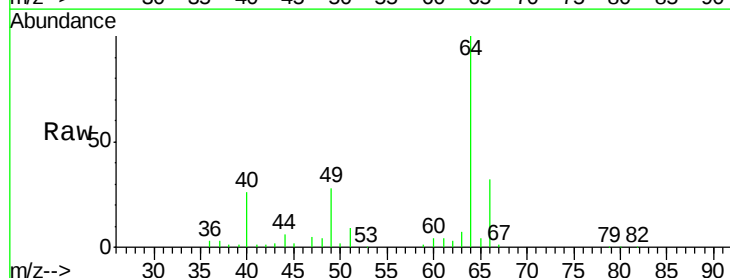
Acq: 23 Mar 2019 19:39

Tgt Ion: 64 Resp: 157835

Ion Ratio Lower Upper

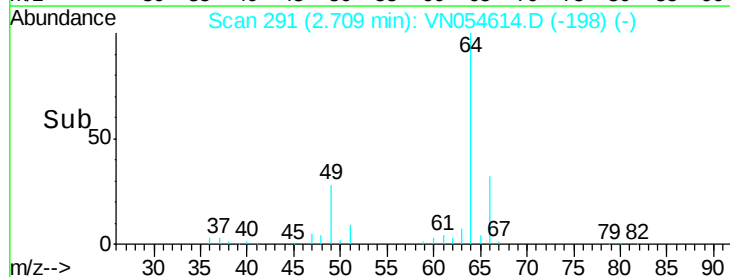
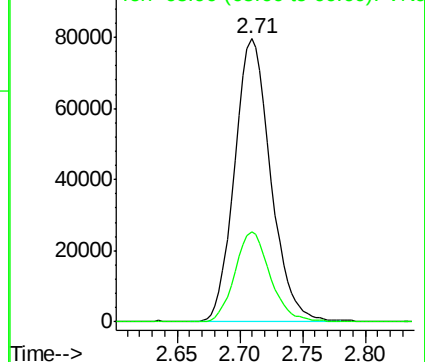
64 100

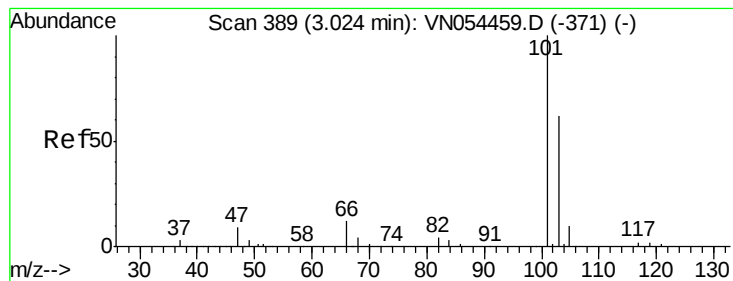
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



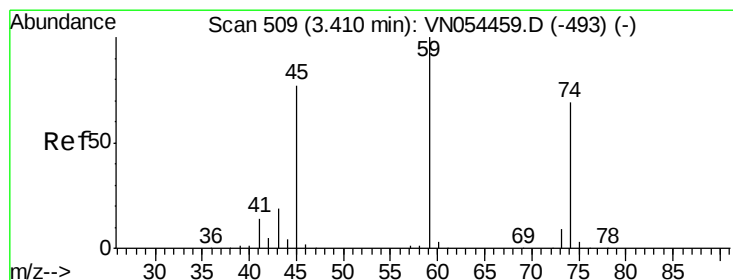
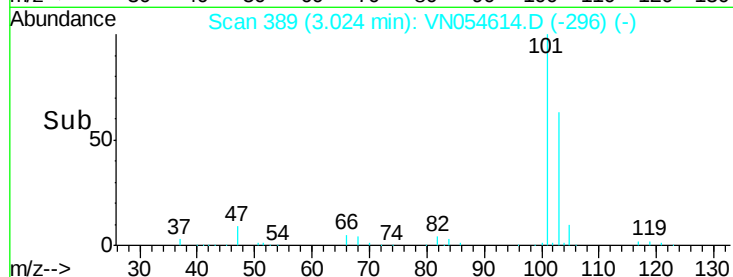
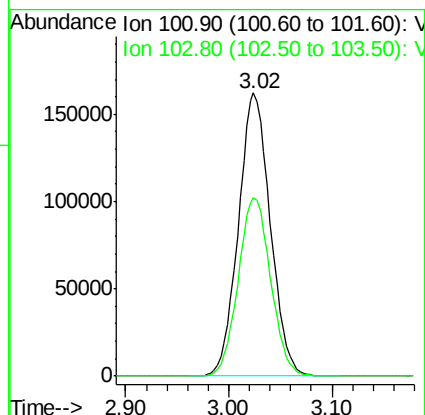
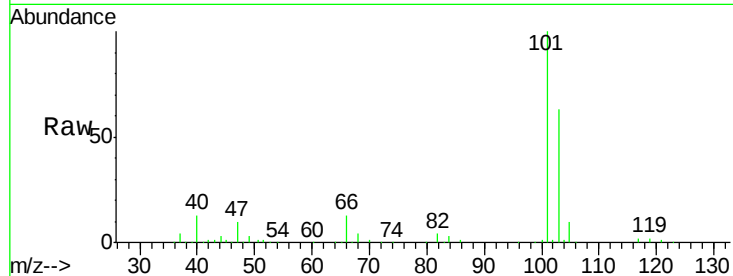


#7

Trichlorofluoromethane
Concen: 51.087 ug/l
RT: 3.02 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

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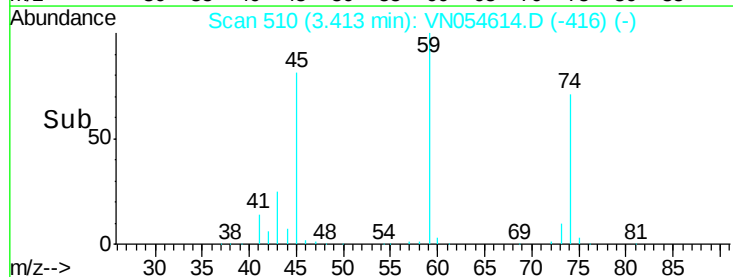
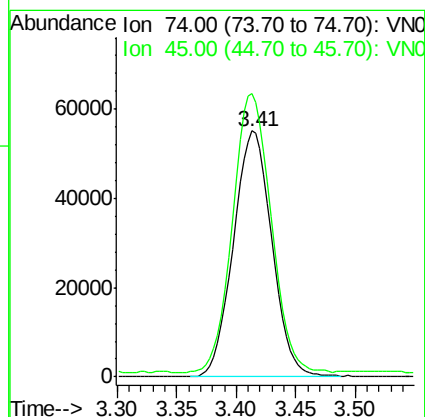
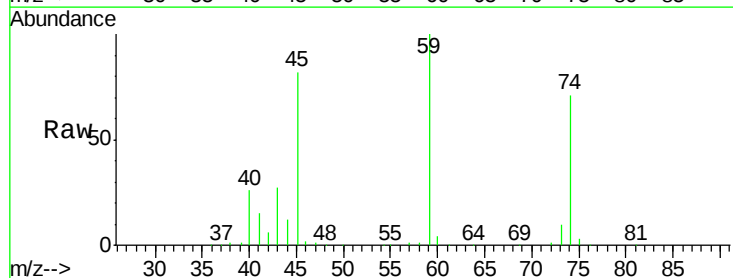
Tot Ion:101 Resp: 348580
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

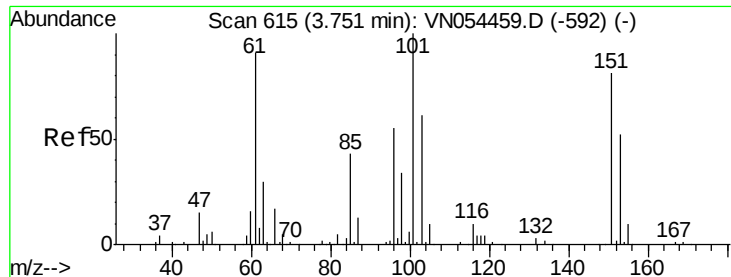


#8

Diethyl Ether
Concen: 47.111 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 74 Resp: 123627
Ion Ratio Lower Upper
74 100
45 113.0 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.058 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

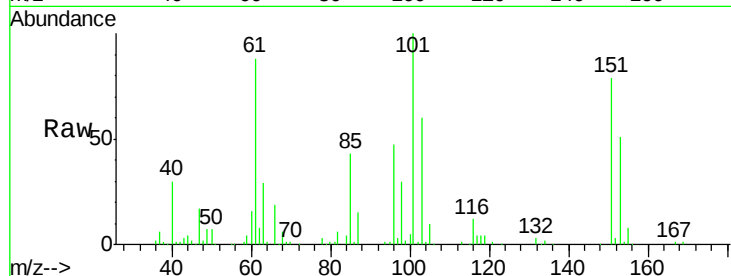
Tot Ion:101 Resp: 180684

Ion Ratio Lower Upper

101 100

85 45.5 32.4 48.6

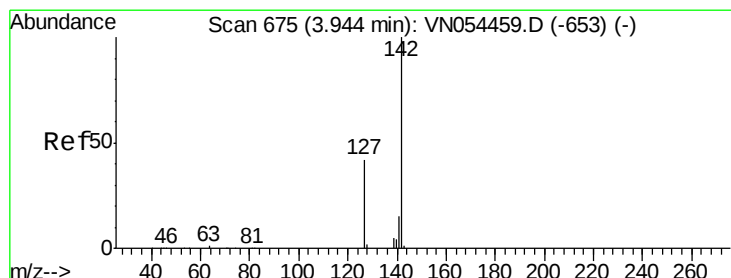
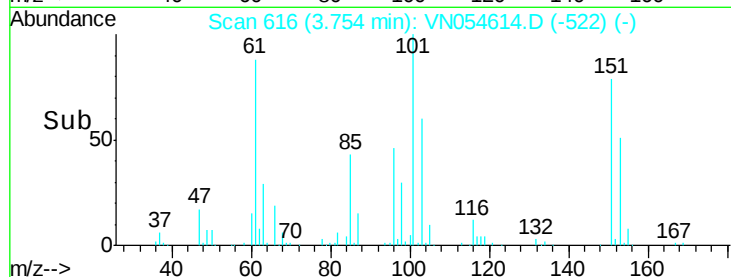
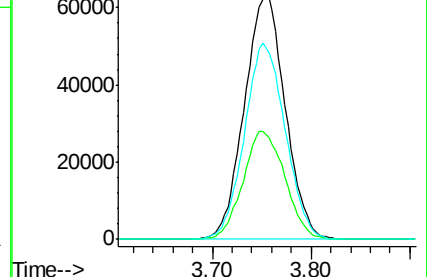
151 80.2 68.2 102.2



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: 46.291 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

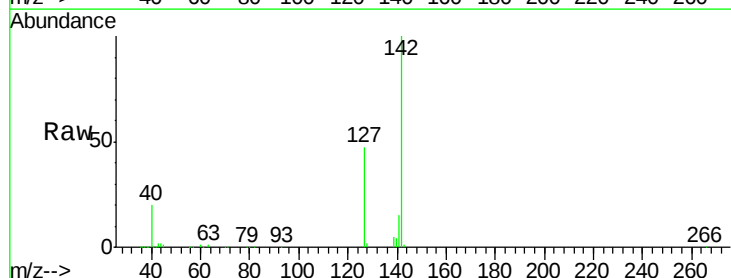
Tgt Ion:142 Resp: 273059

Ion Ratio Lower Upper

142 100

127 46.0 30.3 45.5#

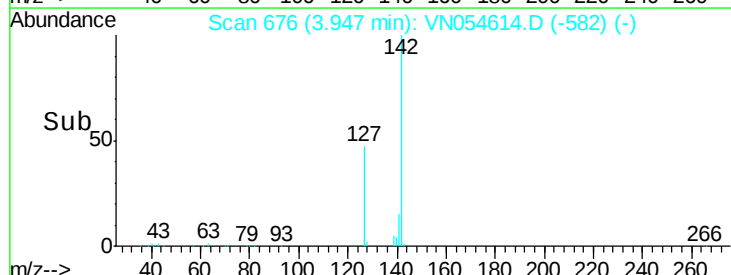
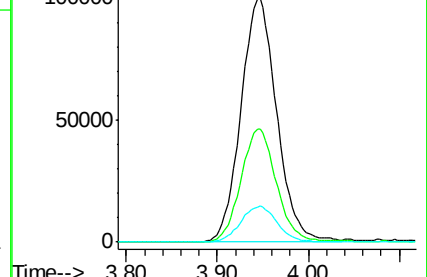
141 15.1 11.2 16.8

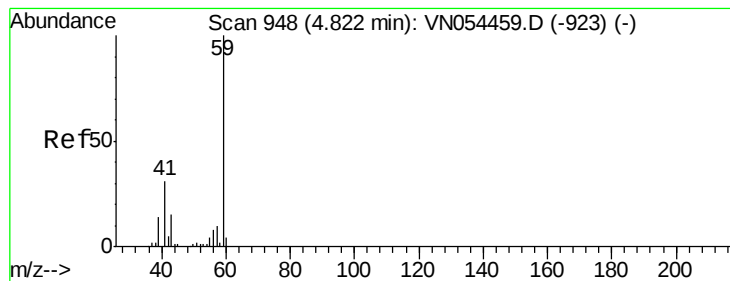


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



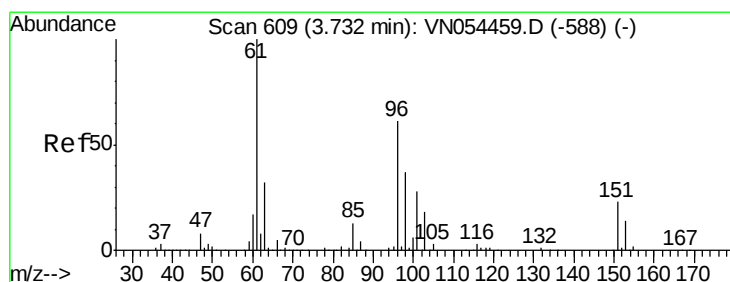
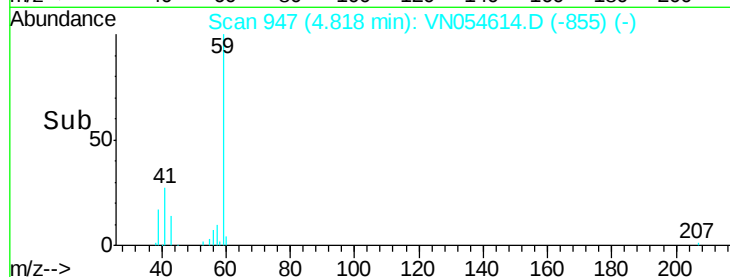
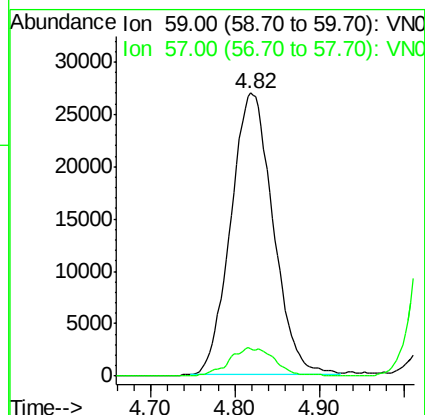
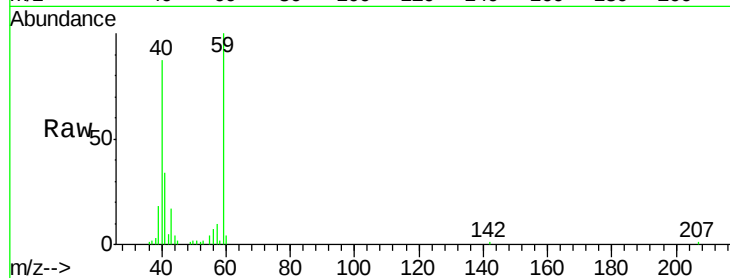


#11

Tert butyl alcohol
Concen: 288.573 ug/l
RT: 4.82 min Scan# 947
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

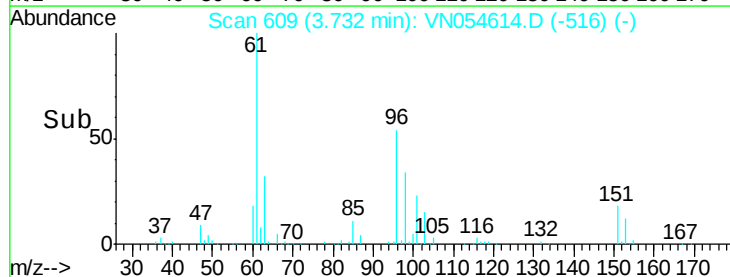
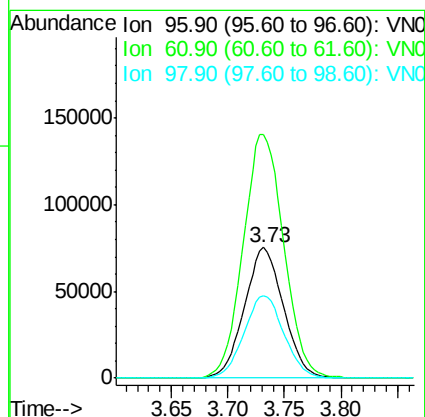
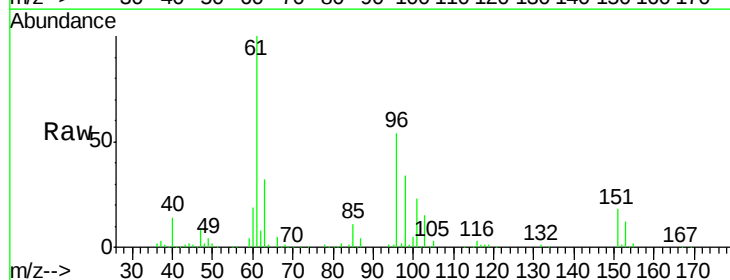
Tot Ion: 59 Resp: 93497
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.6

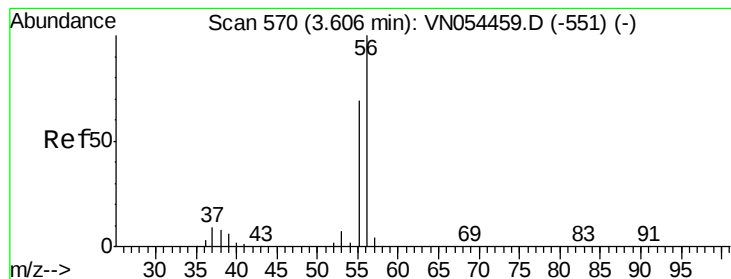


#12

1,1-Dichloroethene
Concen: 43.554 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 96 Resp: 180743
Ion Ratio Lower Upper
96 100
61 186.4 116.5 174.7#
98 62.8 51.0 76.4





#13

Acrolein

Concen: 73.537 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

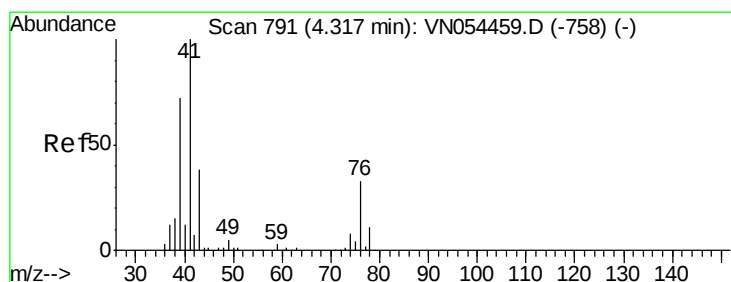
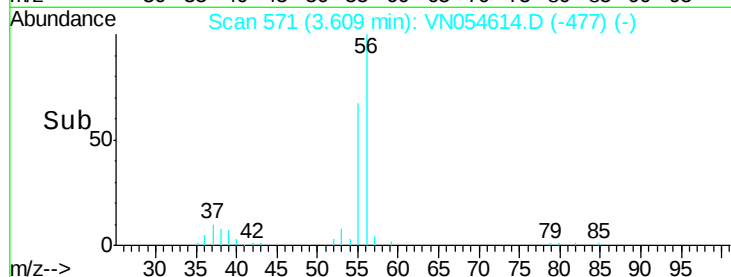
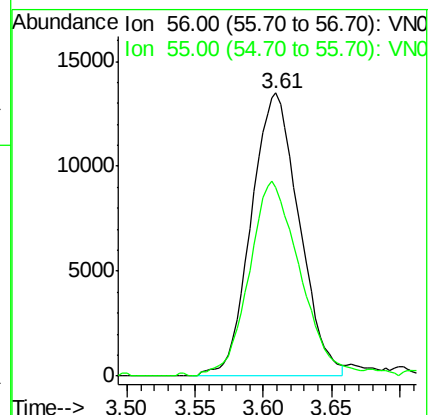
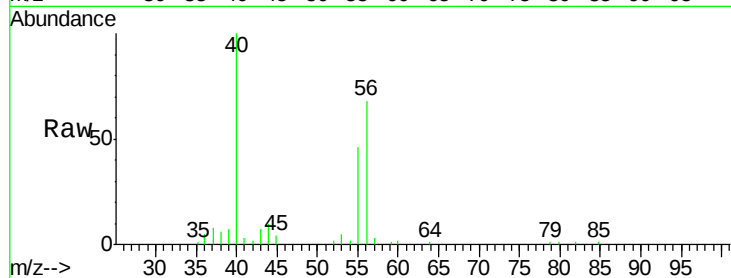
VSTDCCC050EC

Tot Ion: 56 Resp: 32880

Ion Ratio Lower Upper

56 100

55 72.9 56.7 85.1



#14

Allyl chloride

Concen: 55.345 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

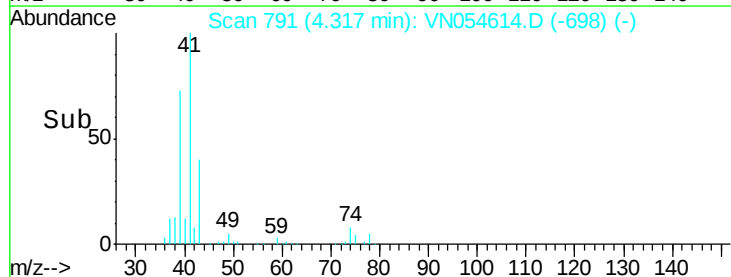
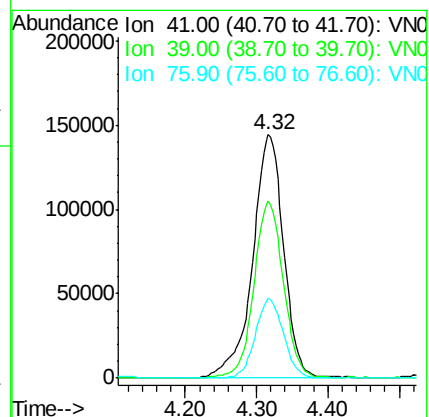
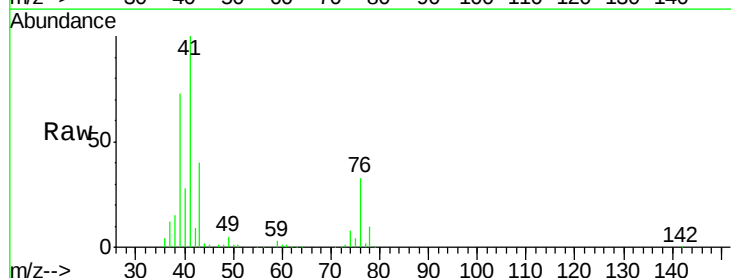
Tgt Ion: 41 Resp: 432492

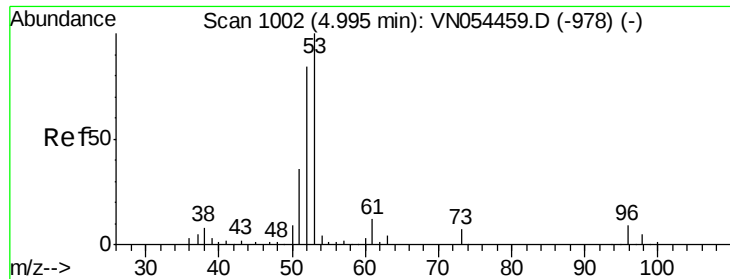
Ion Ratio Lower Upper

41 100

39 69.1 58.2 87.4

76 29.9 31.7 47.5#





#15

Acrylonitrile

Concen: 293.373 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

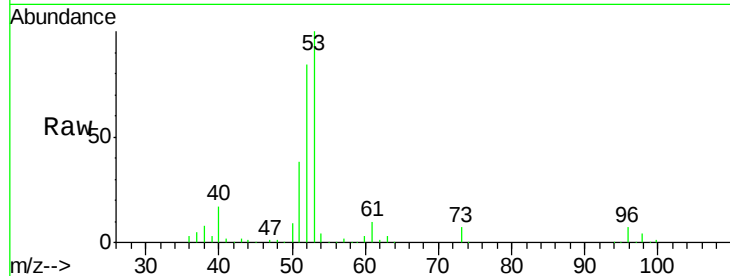
Tot Ion: 53 Resp: 473351

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

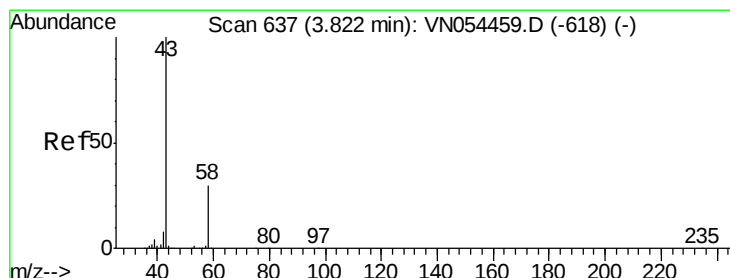
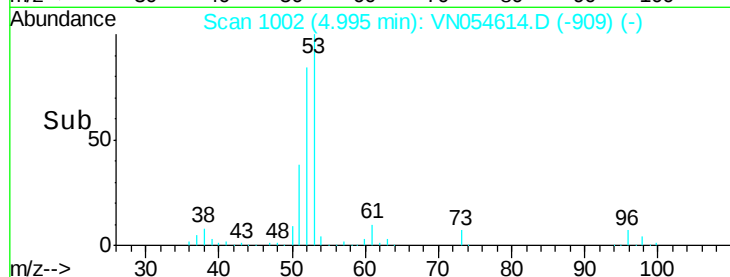
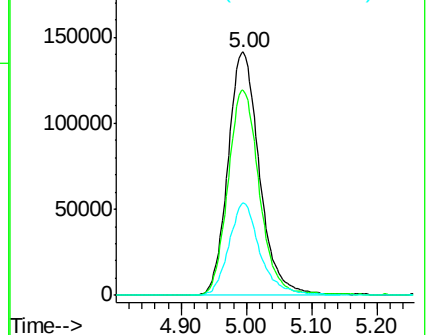
51 37.7 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 211.055 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054614.D

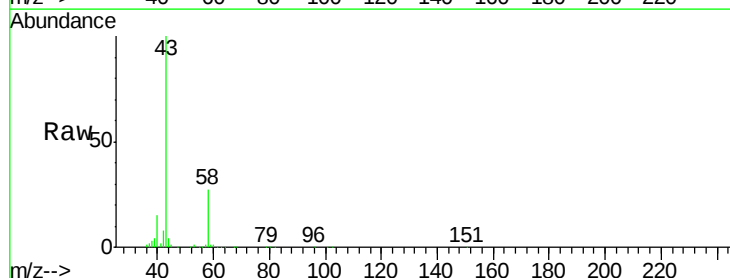
Acq: 23 Mar 2019 19:39

Tgt Ion: 43 Resp: 339579

Ion Ratio Lower Upper

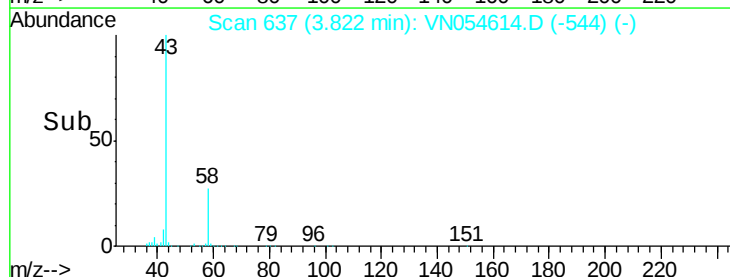
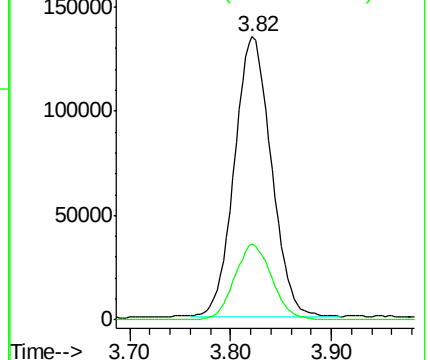
43 100

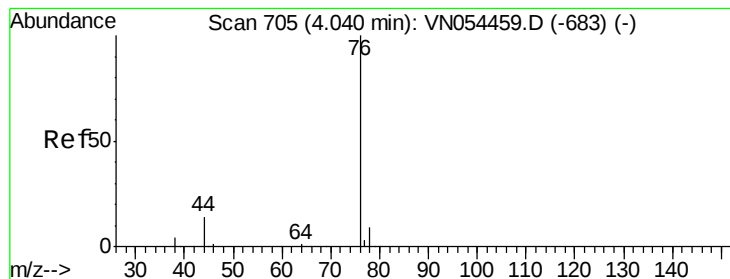
58 27.2 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 49.644 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

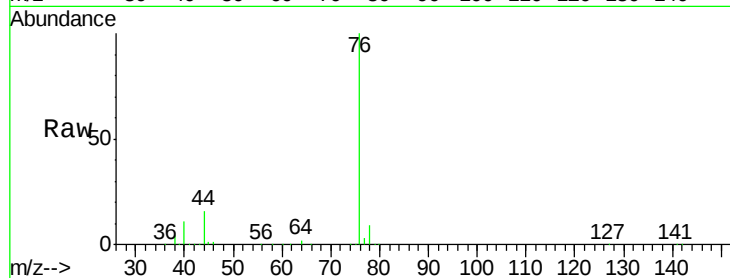
VSTDCCC050EC

Tot Ion: 76 Resp: 552005

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

250000

200000

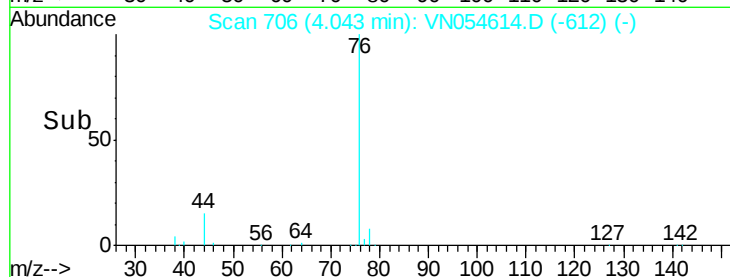
150000

100000

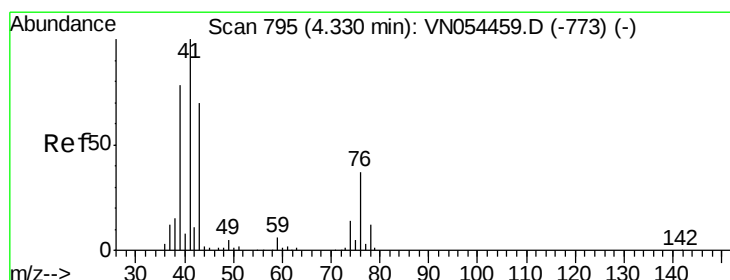
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 61.984 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN054614.D

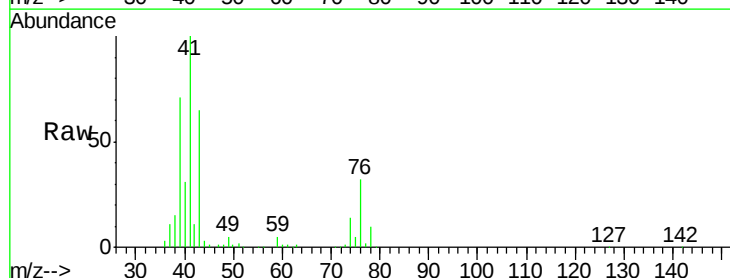
Acq: 23 Mar 2019 19:39

Tgt Ion: 43 Resp: 222286

Ion Ratio Lower Upper

43 100

74 20.5 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

80000

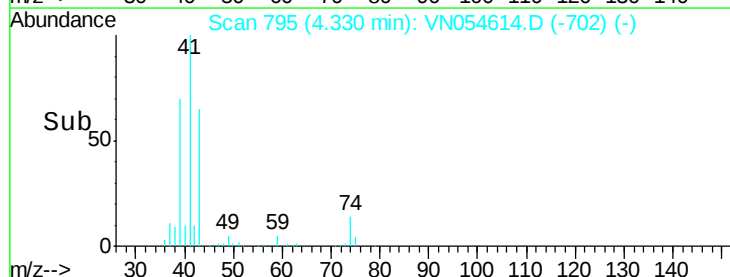
60000

40000

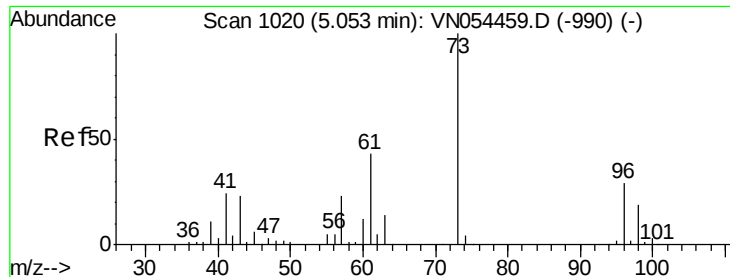
20000

0

Time-->



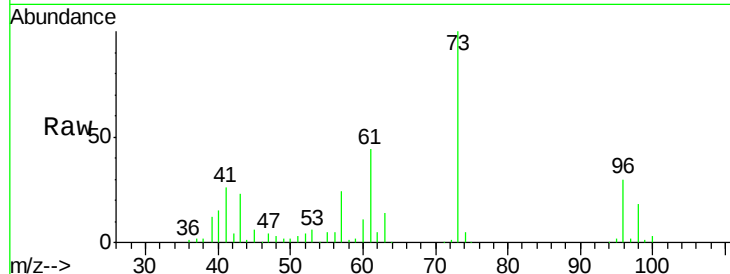
Time-->



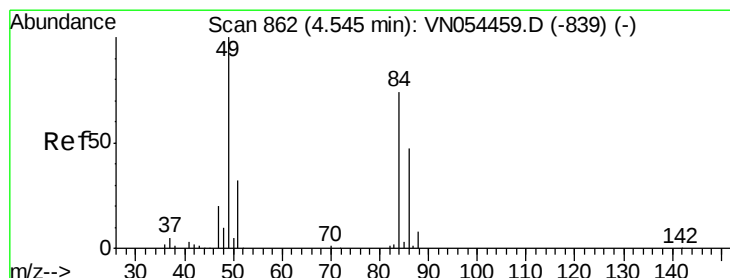
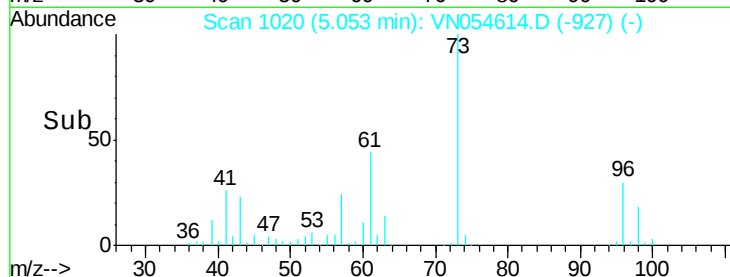
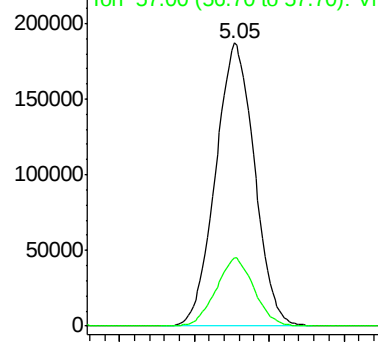
#19
Methvl tert-butvl Ether
Concen: 55.873 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 676689
Ion Ratio Lower Upper
73 100
57 23.9 16.8 25.2

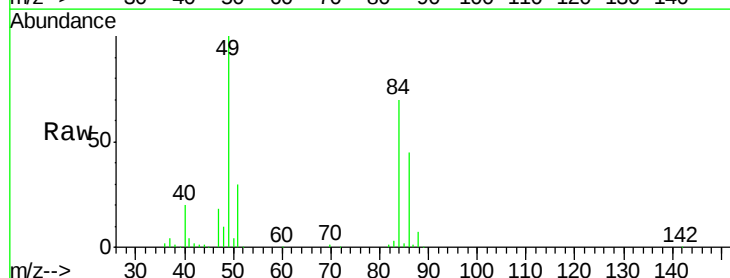


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO

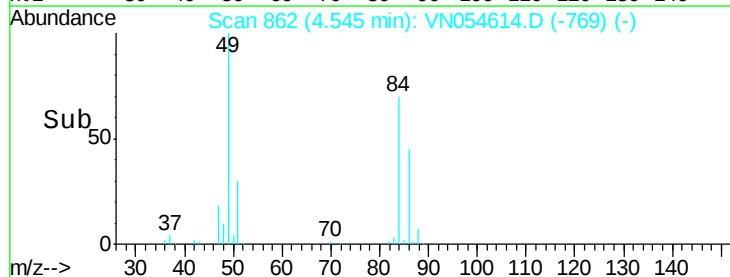
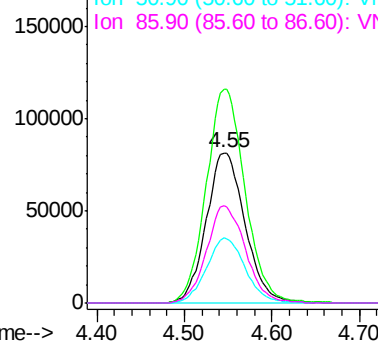


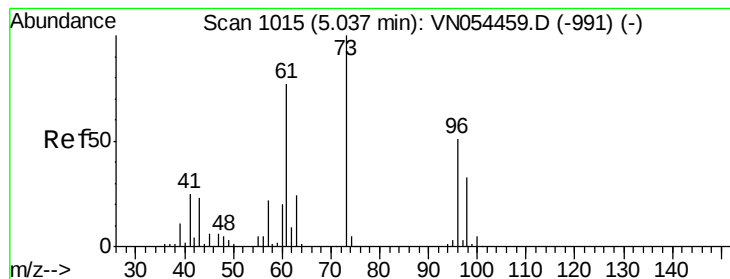
#20
Methylene Chloride
Concen: 52.740 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 84 Resp: 250138
Ion Ratio Lower Upper
84 100
49 141.9 89.7 134.5#
51 43.1 28.2 42.4#
86 64.7 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO





#21

trans-1,2-Dichloroethene

Concen: 54.354 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

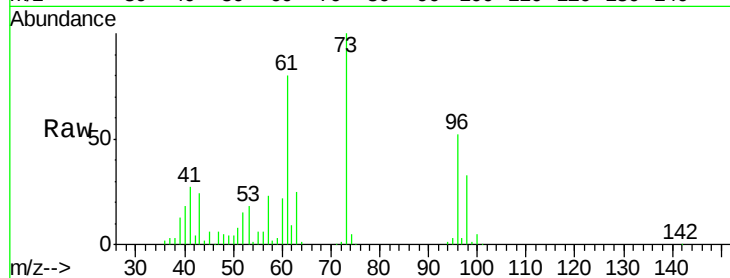
Tot Ion: 96 Resp: 230325

Ion Ratio Lower Upper

96 100

61 154.7 102.8 154.2#

98 63.4 50.0 75.0

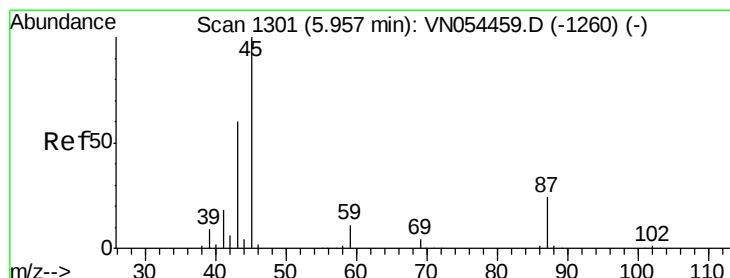
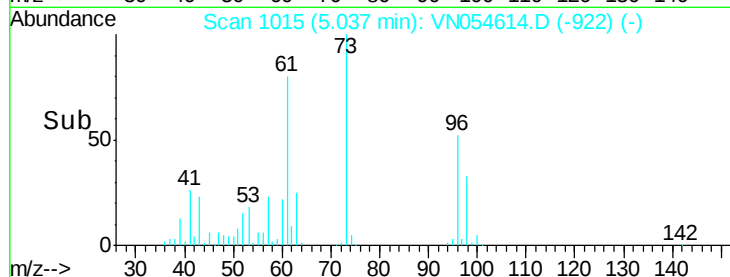
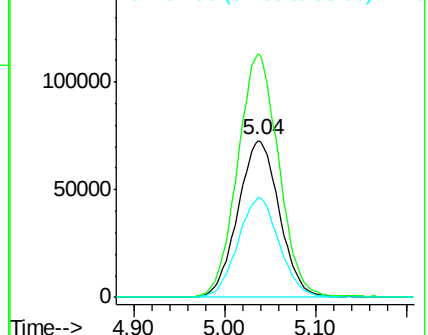


Abundance

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



#22

Diisopropyl ether

Concen: 59.226 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Tgt Ion: 45 Resp: 912909

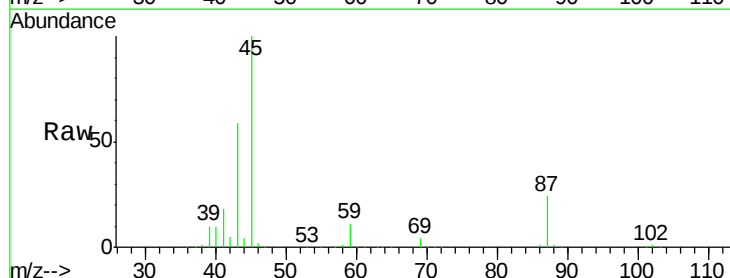
Ion Ratio Lower Upper

45 100

43 57.9 48.2 72.2

87 23.6 24.9 37.3#

59 10.5 9.5 14.3



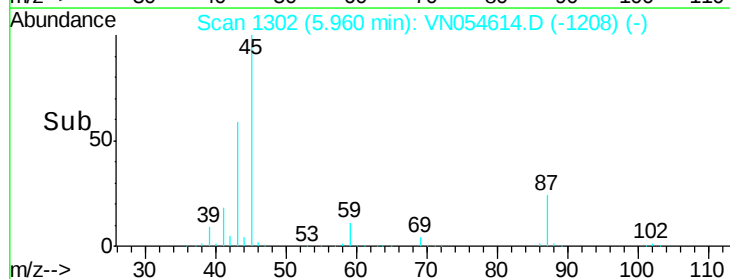
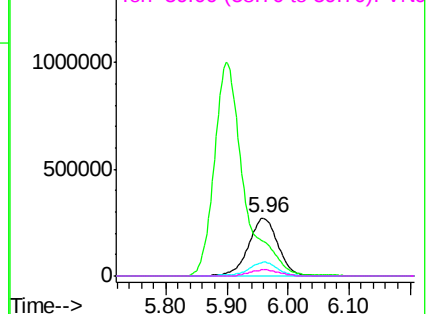
Abundance

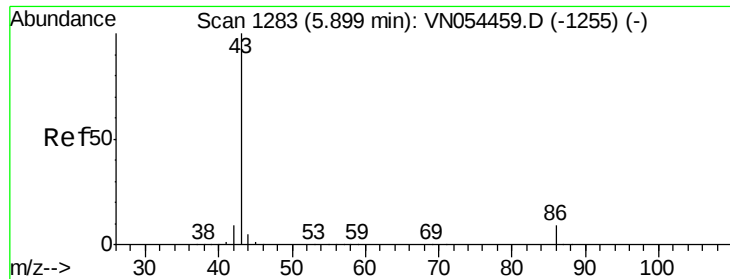
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

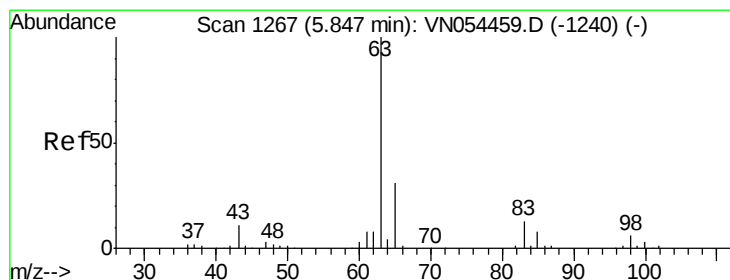
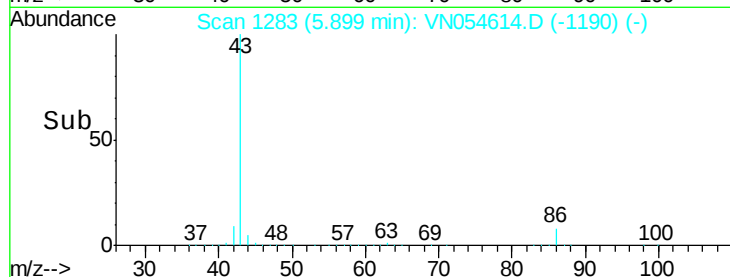
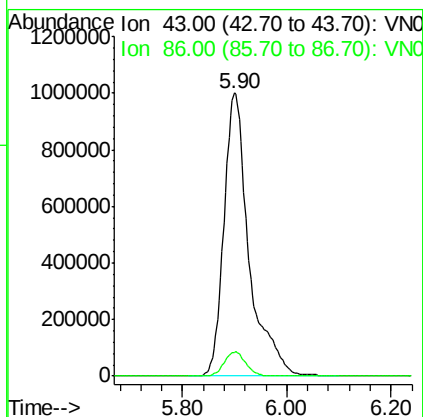
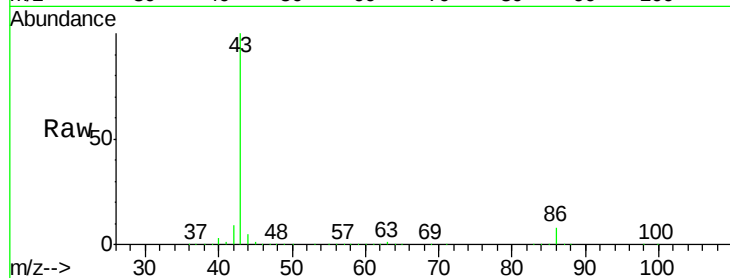




#23
 Vinyl Acetate
 Concen: 308.910 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

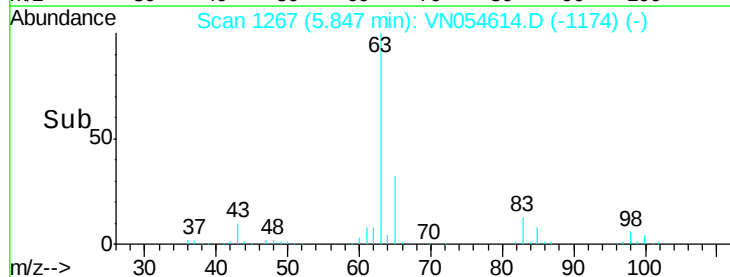
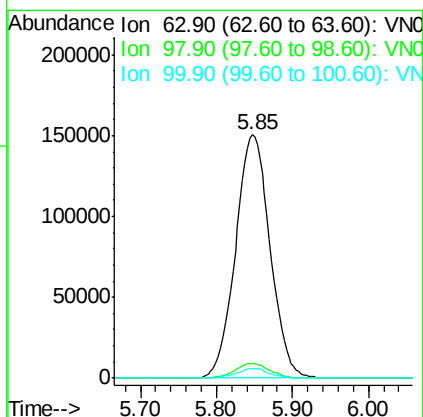
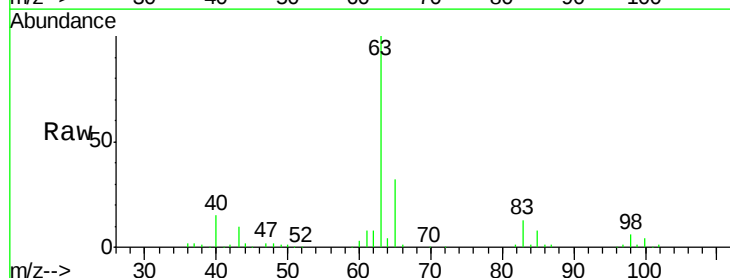
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

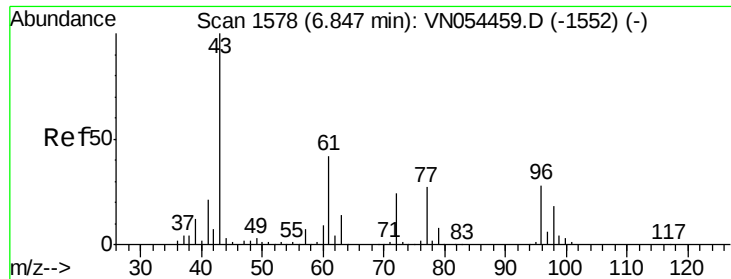
Tot Ion: 43 Resp: 3362928
 Ion Ratio Lower Upper
 43 100
 86 8.5 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 57.131 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

Tgt Ion: 63 Resp: 474155
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.5
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 293.012 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

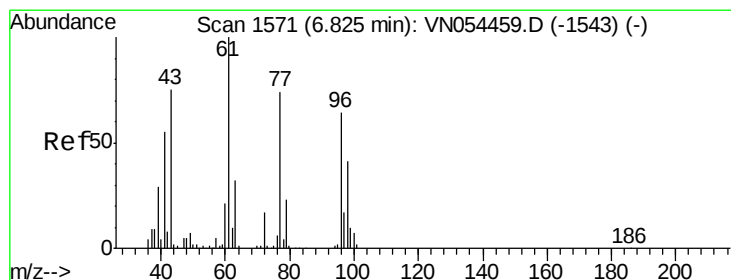
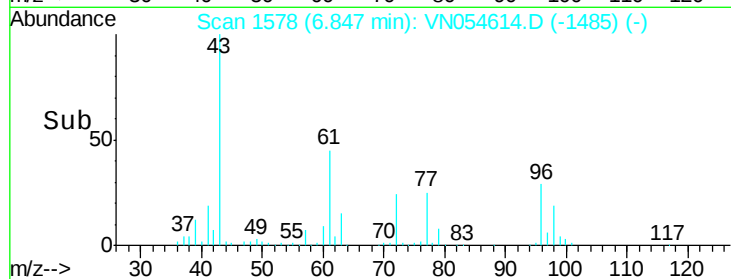
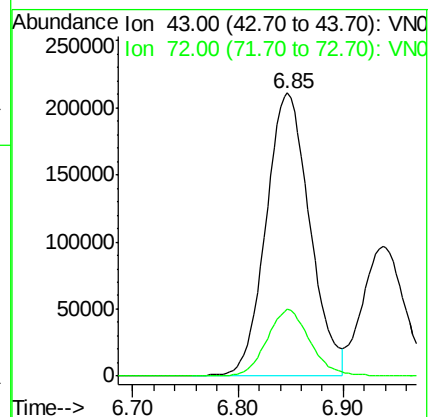
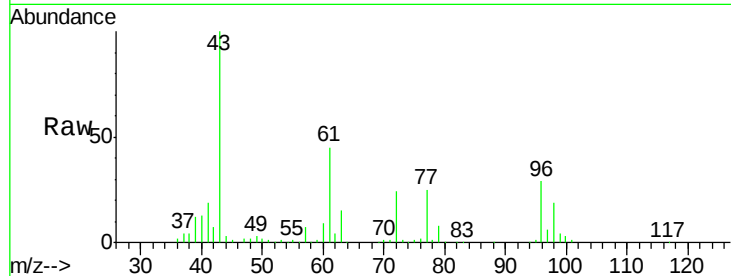
VSTDCCC050EC

Tot Ion: 43 Resp: 603920

Ion Ratio Lower Upper

43 100

72 23.6 23.0 34.6



#26

2,2-Dichloropropane

Concen: 49.961 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054614.D

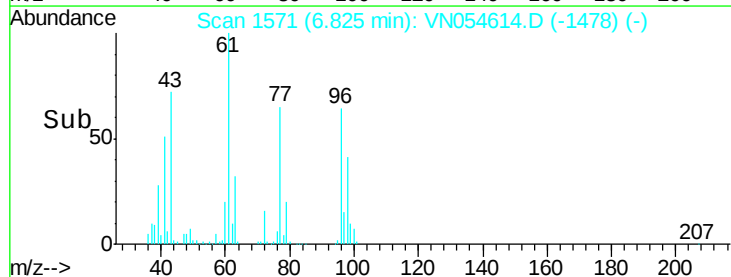
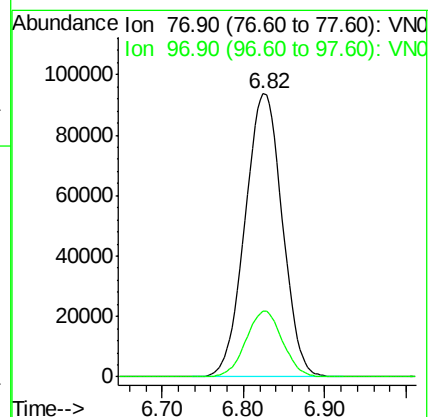
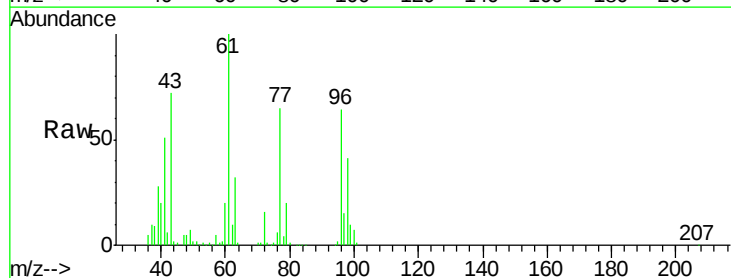
Acq: 23 Mar 2019 19:39

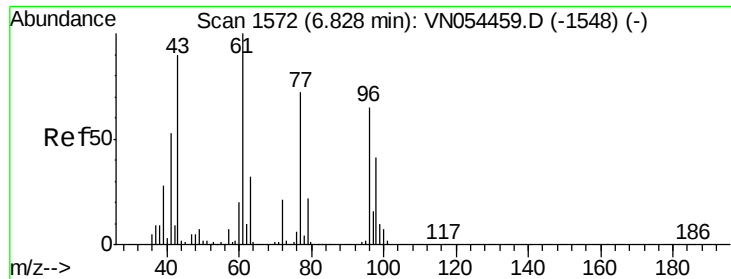
Tgt Ion: 77 Resp: 295581

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 53.248 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

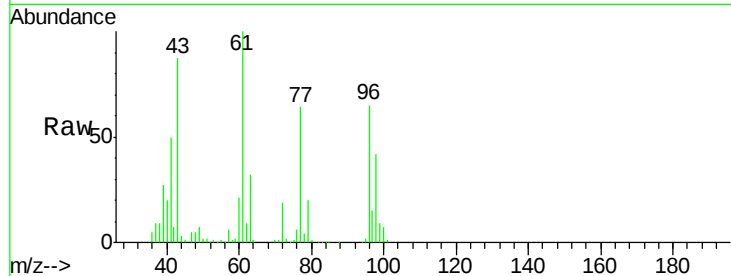
Tot Ion: 96 Resp: 269137

Ion Ratio Lower Upper

96 100

61 158.7 0.0 273.0

98 65.7 0.0 130.6

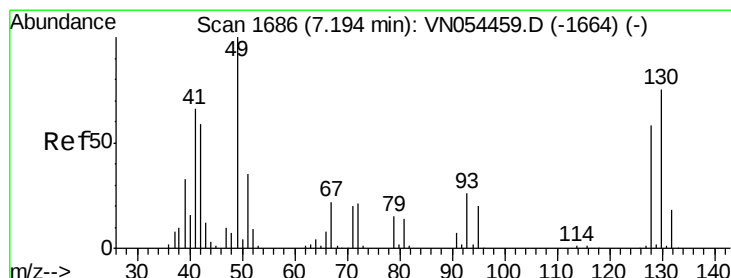
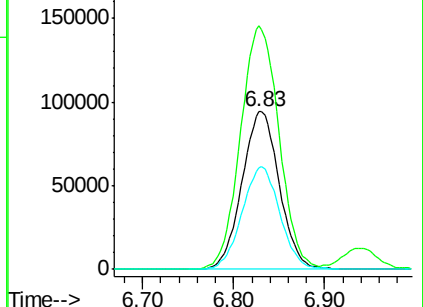
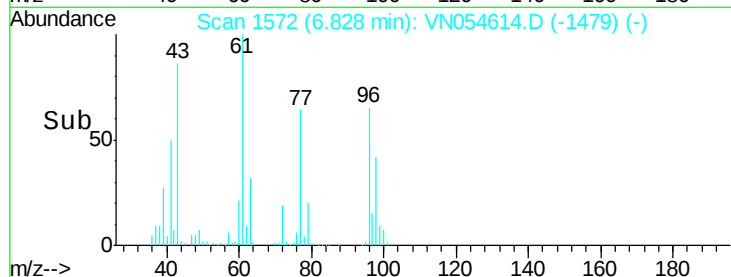


Abundance Ion 95.90 (95.60 to 96.60): VN054459.D (-1548) (-)

Ion 60.90 (60.60 to 61.60): VN054459.D (-1548) (-)

Ion 97.90 (97.60 to 98.60): VN054459.D (-1548) (-)

Time-->



#28

Bromochloromethane

Concen: 58.238 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

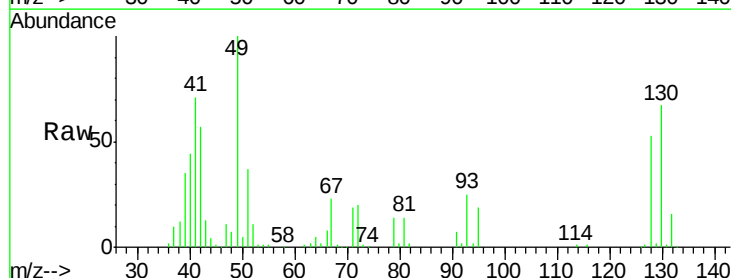
Tgt Ion: 49 Resp: 237912

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.6

130 66.7 76.7 115.1#

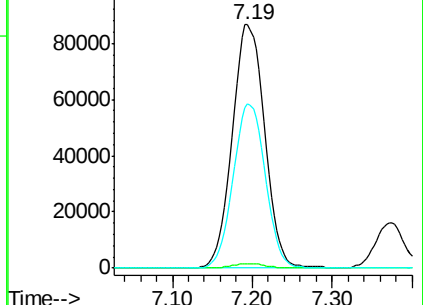
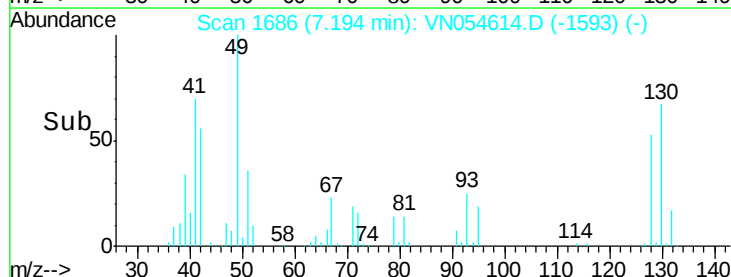


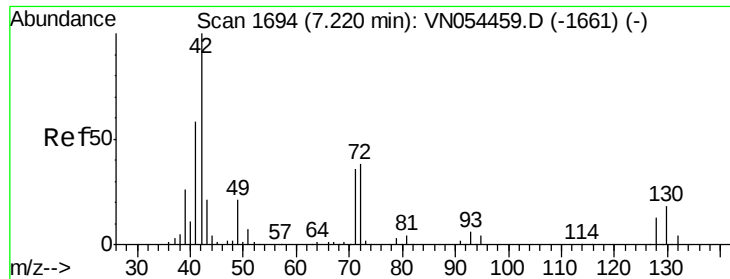
Abundance Ion 48.90 (48.60 to 49.60): VN054459.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN054459.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN054459.D (-1664) (-)

Time-->





#29

Tetrahydrofuran

Concen: 311.679 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

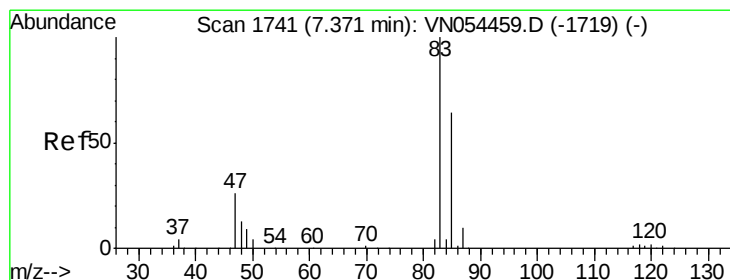
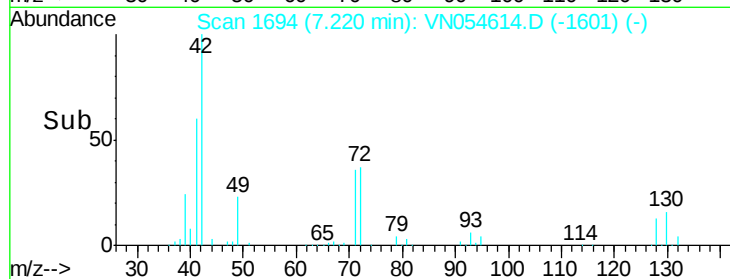
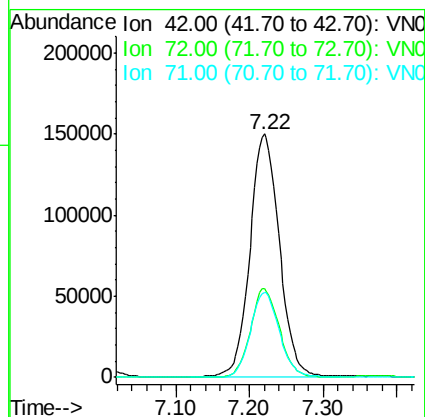
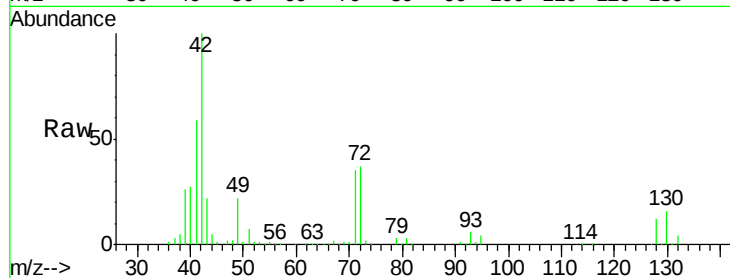
Tot Ion: 42 Resp: 416871

Ion Ratio Lower Upper

42 100

72 35.8 37.8 56.6#

71 34.5 36.2 54.2#



#30

Chloroform

Concen: 55.999 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054614.D

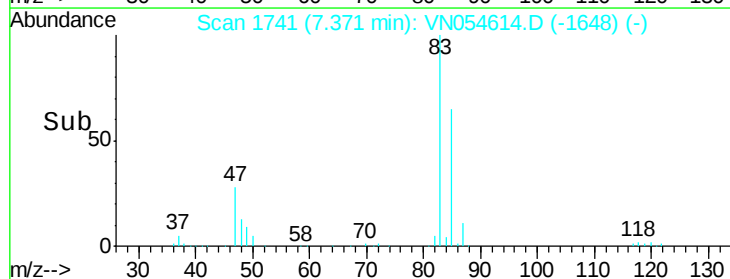
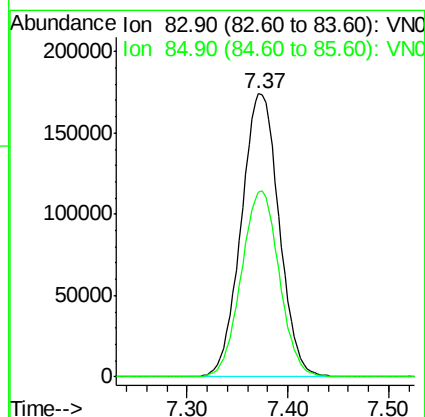
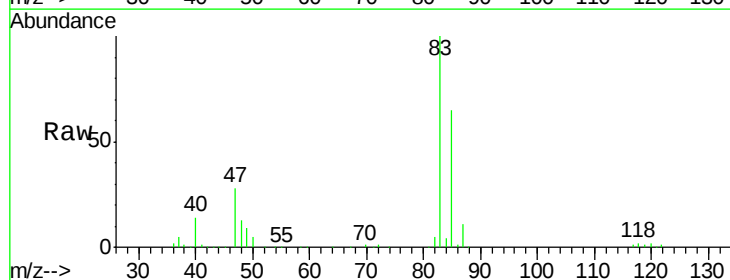
Acq: 23 Mar 2019 19:39

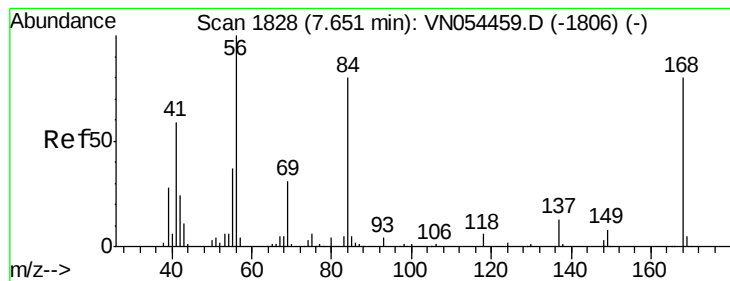
Tgt Ion: 83 Resp: 453564

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4





#31

Cyclohexane

Concen: 54.776 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

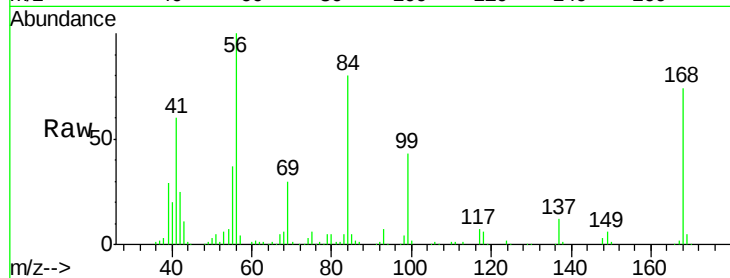
Tot Ion: 56 Resp: 434198

Ion Ratio Lower Upper

56 100

69 29.8 27.8 41.6

84 78.0 74.6 111.8

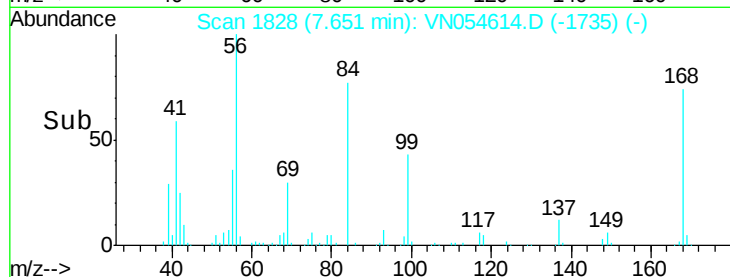


Abundance Ion 56.00 (55.70 to 56.70): VN054459.D (-1806) (-)

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

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

Time-->

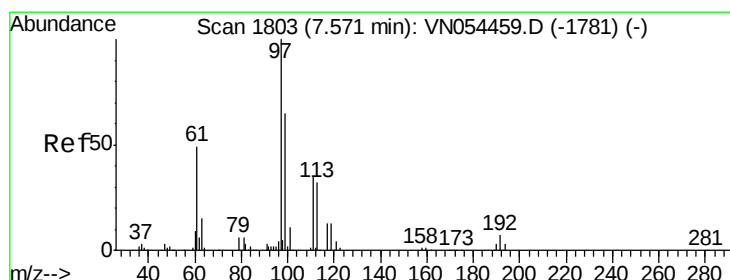


Abundance Ion 56.00 (55.70 to 56.70): VN054614.D (-1735) (-)

Ion 69.00 (68.70 to 69.70): VN054614.D (-1735) (-)

Ion 84.00 (83.70 to 84.70): VN054614.D (-1735) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 57.105 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

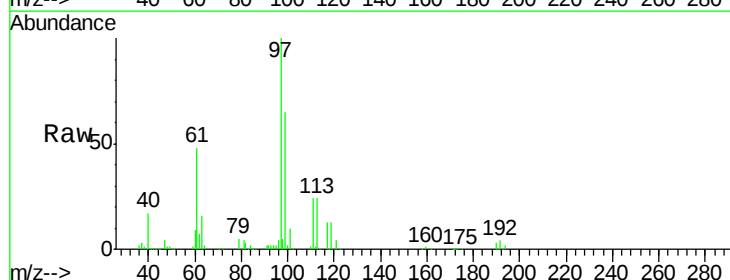
Tgt Ion: 97 Resp: 381582

Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 48.9 33.6 50.4

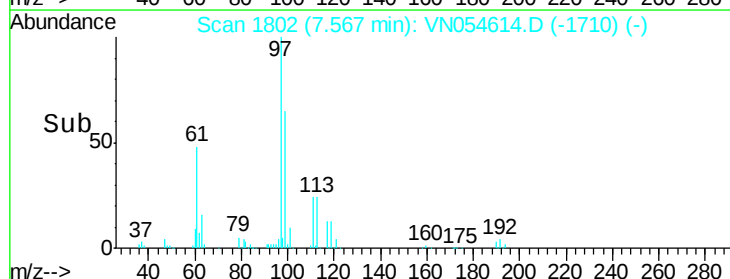


Abundance Ion 96.90 (96.60 to 97.60): VN054459.D (-1781) (-)

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

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

Time-->

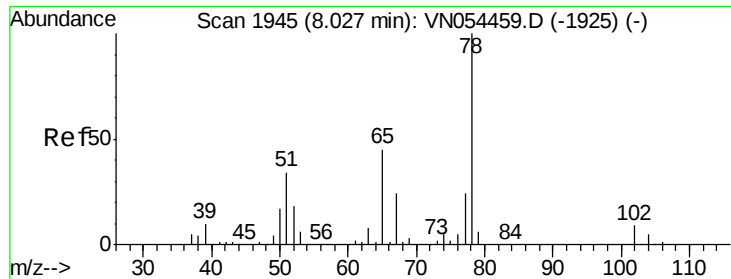


Abundance Ion 96.90 (96.60 to 97.60): VN054614.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN054614.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN054614.D (-1710) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.007 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

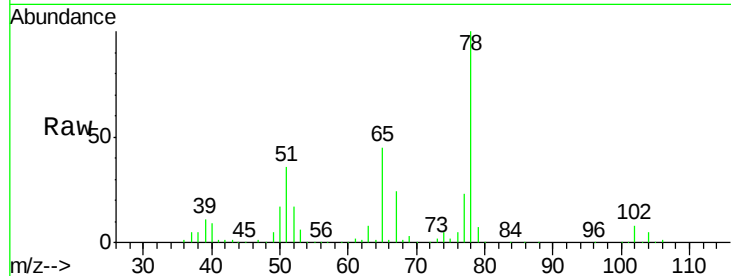
VSTDCCC050EC

Tot Ion: 65 Resp: 299725

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054614.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054614.D (-1925) (-)

8.03

150000

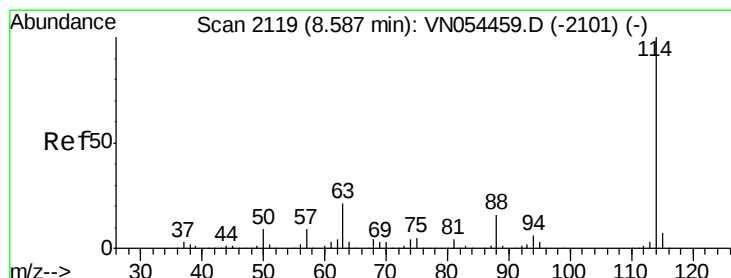
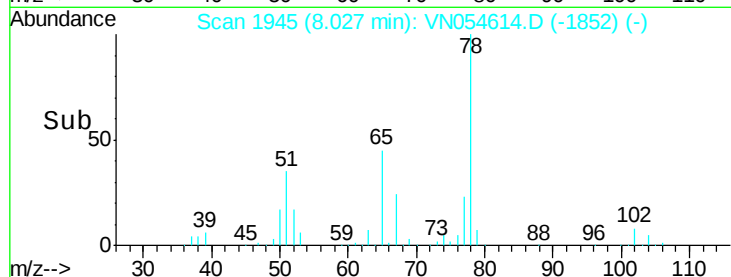
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

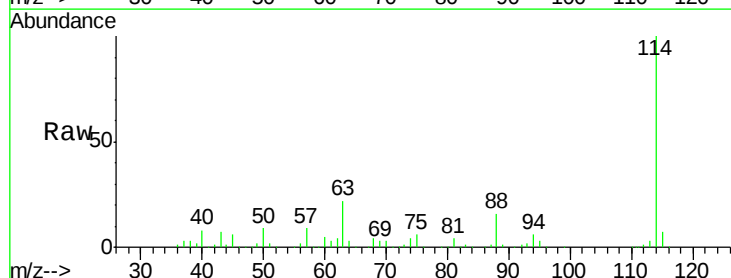
Tgt Ion: 114 Resp: 728303

Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.2

88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054614.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN054614.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN054614.D (-2101) (-)

8.59

400000

300000

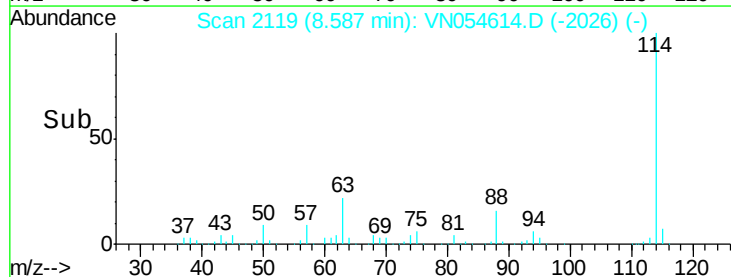
200000

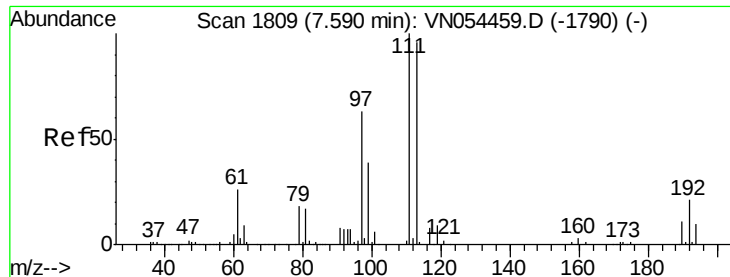
100000

0

8.50 8.60 8.70

Time-->

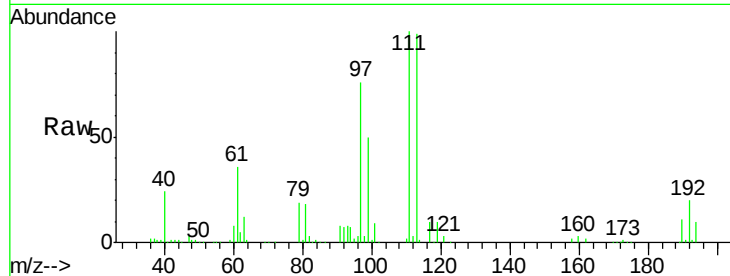




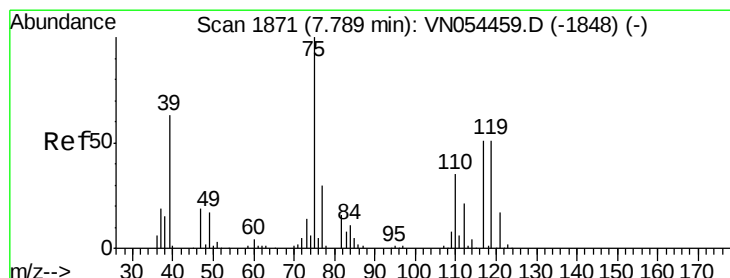
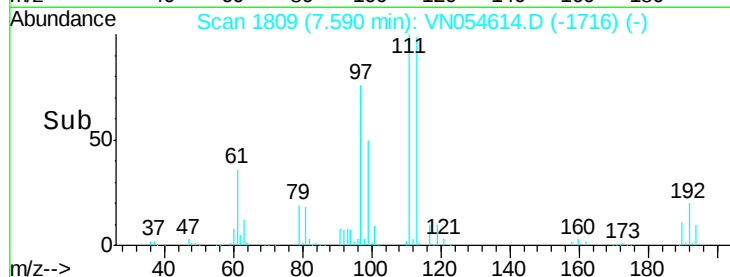
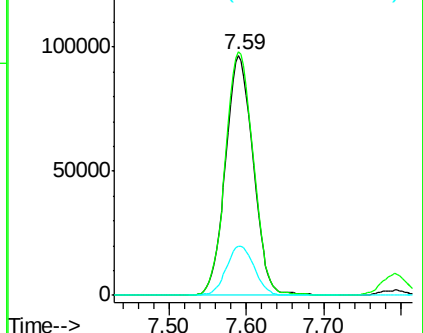
#35
Dibromofluoromethane
Concen: 51.121 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 239863
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.6 19.2 28.8

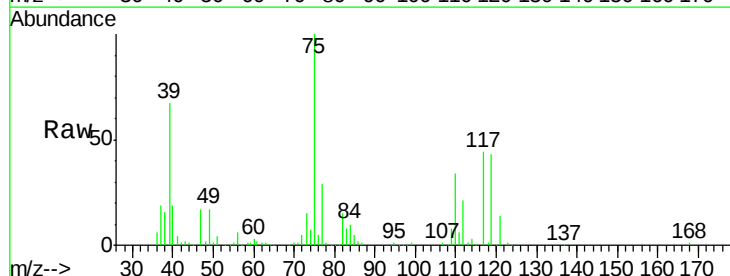


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

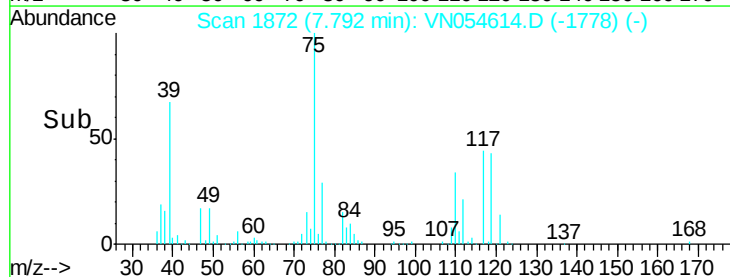
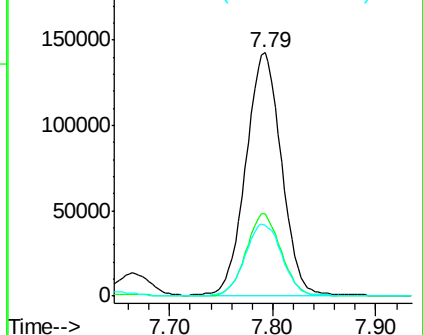


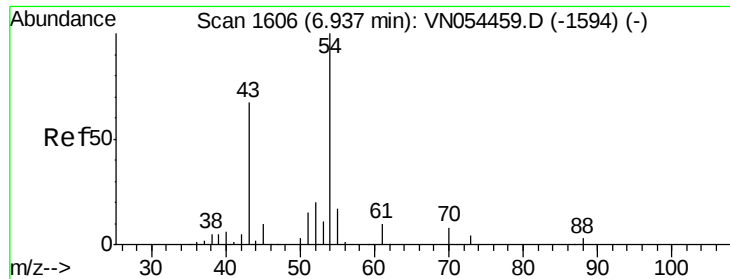
#36
1,1-Dichloropropene
Concen: 49.788 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 75 Resp: 339039
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.5
77 31.4 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

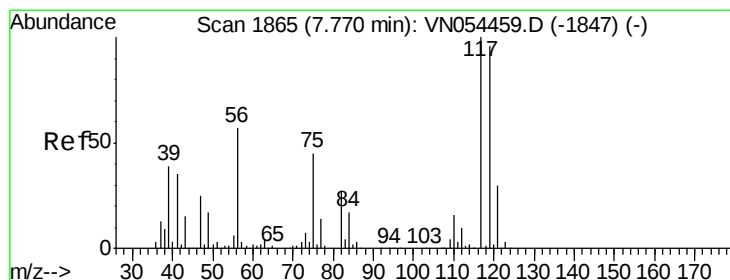
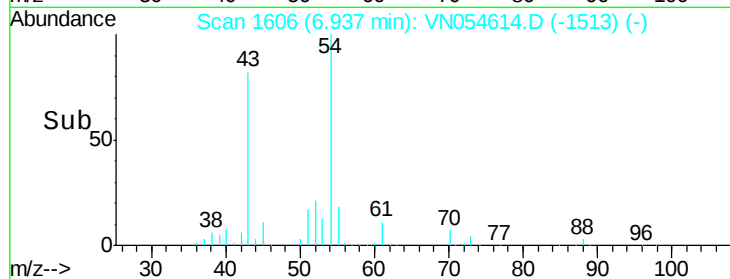
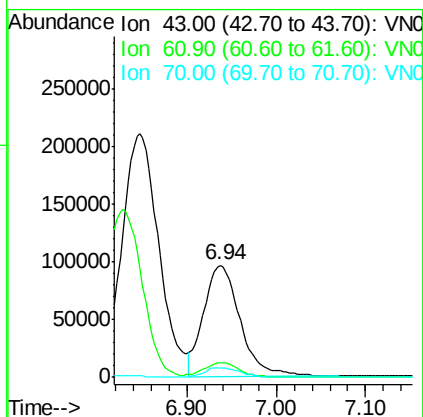
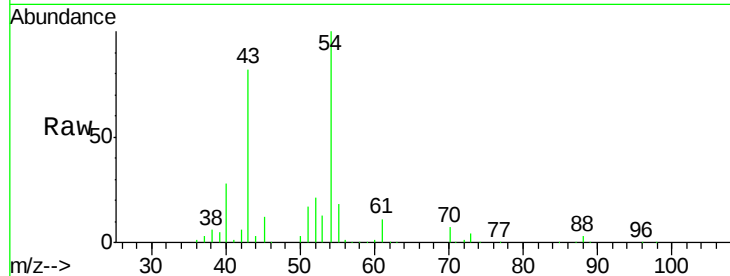




#37
Ethyl Acetate
Concen: 56.551 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

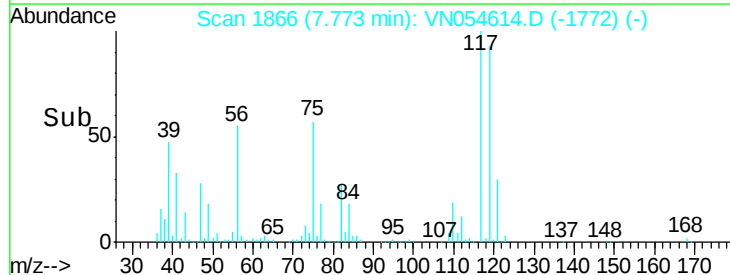
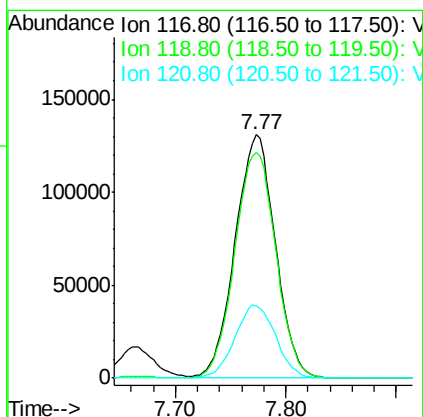
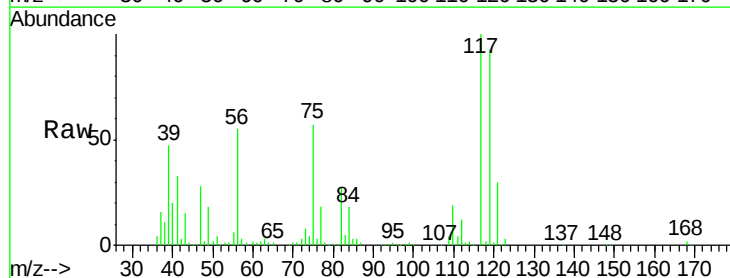
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

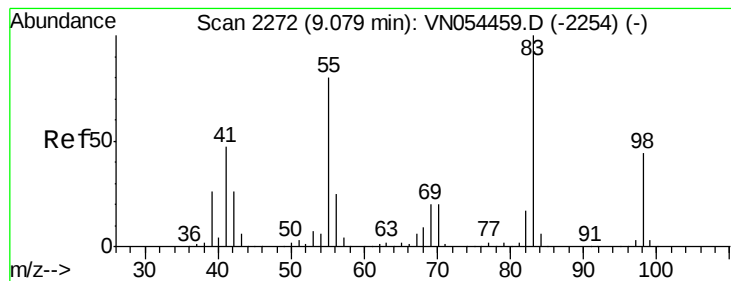
Tot Ion: 43 Resp: 273895
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 8.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.804 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 117 Resp: 329577
Ion Ratio Lower Upper
117 100
119 92.5 76.3 114.5
121 29.8 24.6 36.8





#39

Methvlcvclohexane

Concen: 45.961 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

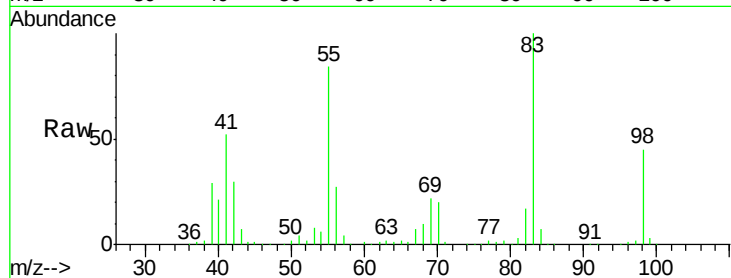
Tot Ion: 83 Resp: 358016

Ion Ratio Lower Upper

83 100

55 83.5 56.6 84.8

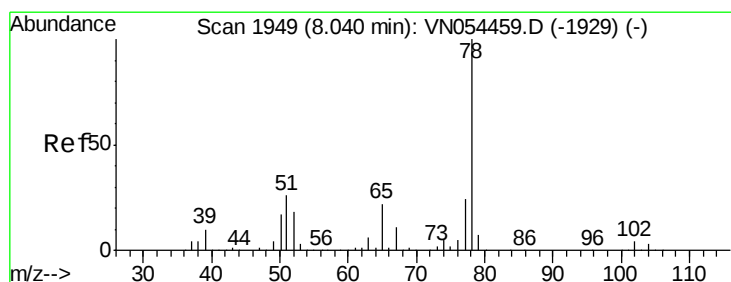
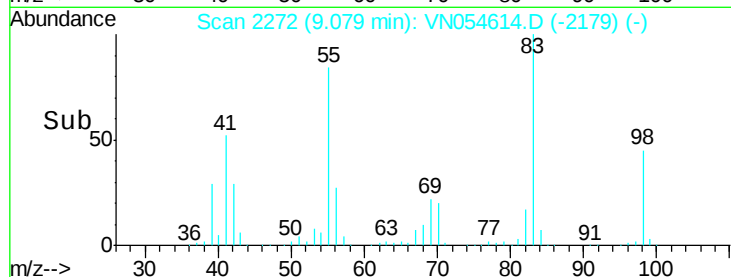
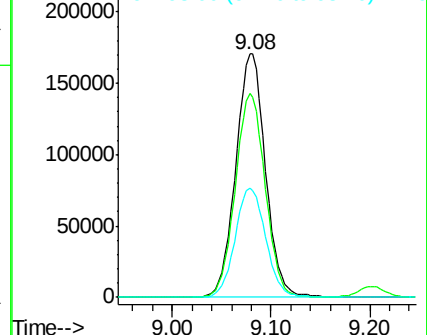
98 45.1 38.4 57.6



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: 51.841 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054614.D

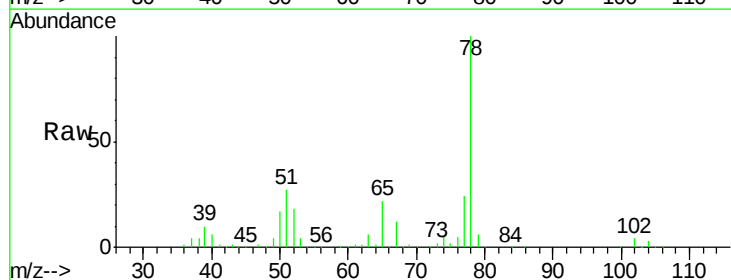
Acq: 23 Mar 2019 19:39

Tgt Ion: 78 Resp: 1009487

Ion Ratio Lower Upper

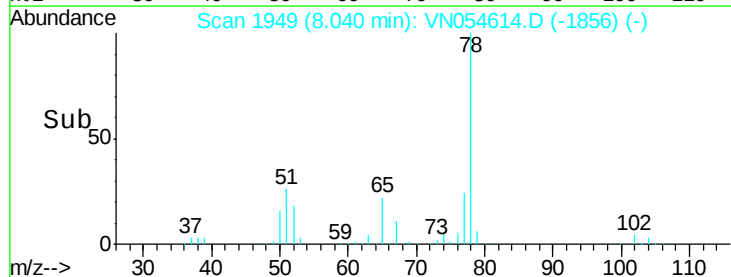
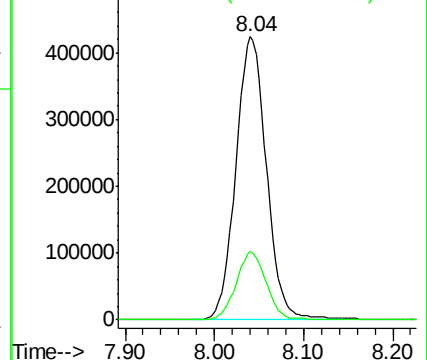
78 100

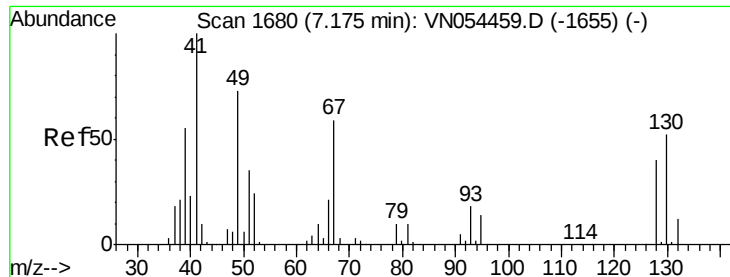
77 23.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

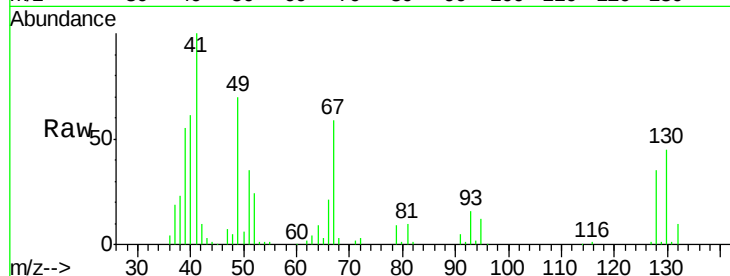




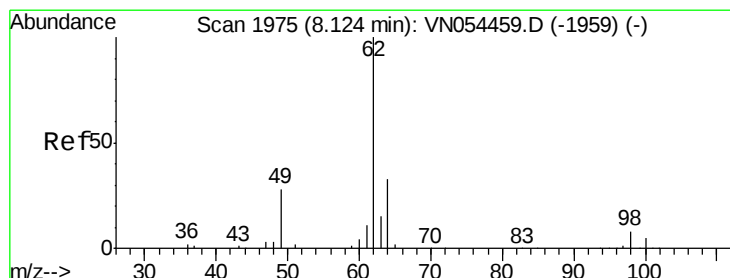
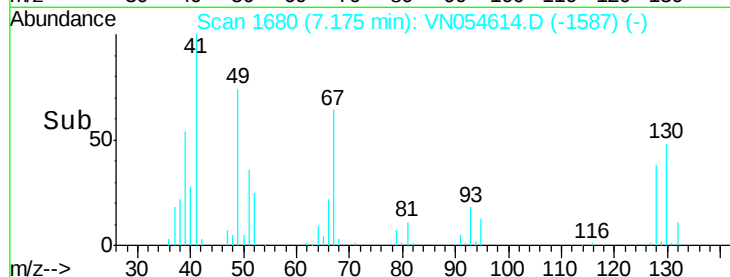
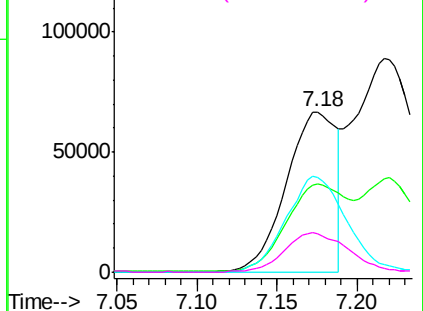
#41
Methacrylonitrile
Concen: 49.214 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 145362
Ion Ratio Lower Upper
41 100
39 66.5 46.8 70.2
67 73.6 67.0 100.4
52 31.1 26.5 39.7

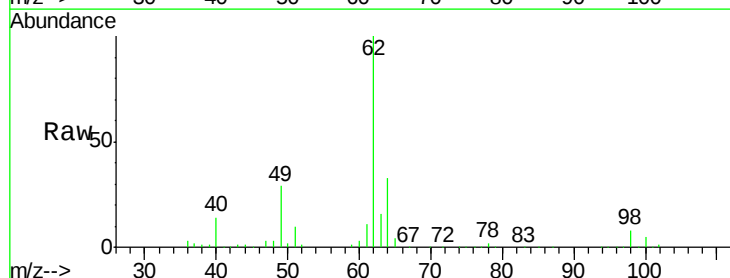


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

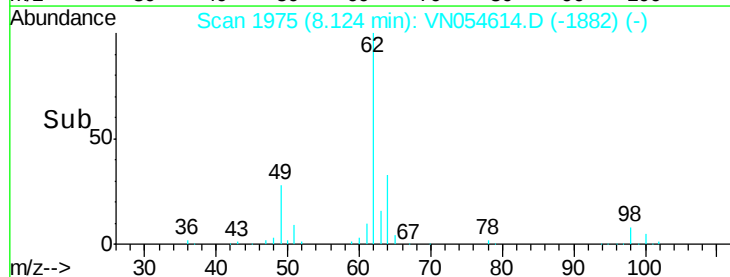
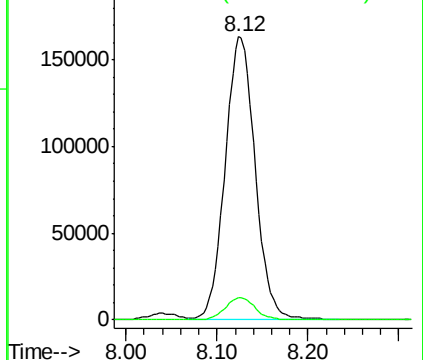


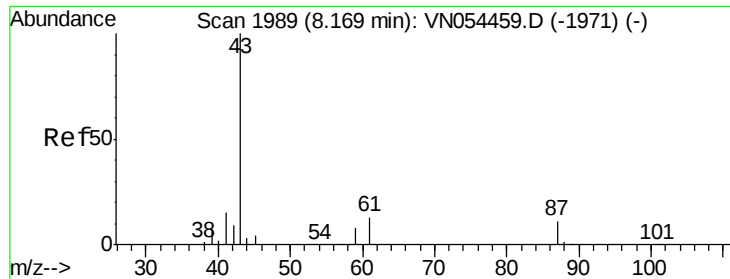
#42
1,2-Dichloroethane
Concen: 52.601 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 62 Resp: 373017
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 59.078 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

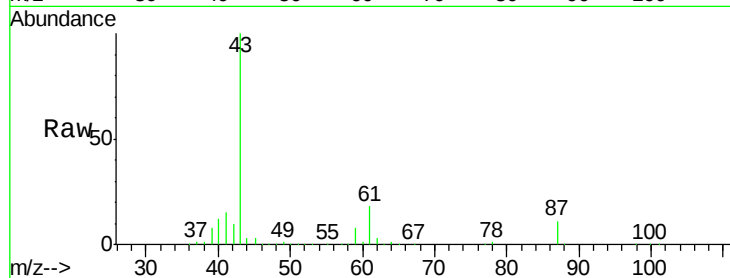
Tot Ion: 43 Resp: 483238

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.8

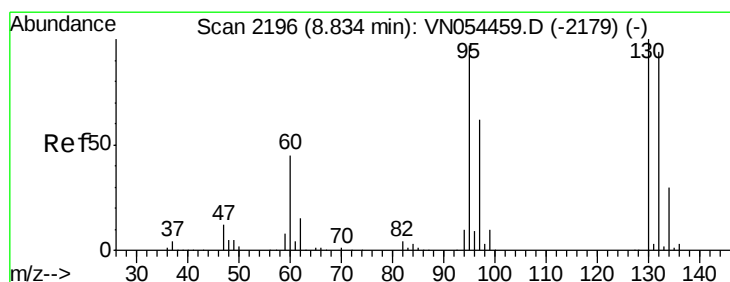
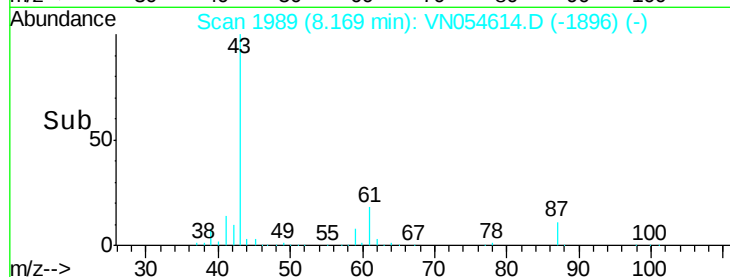
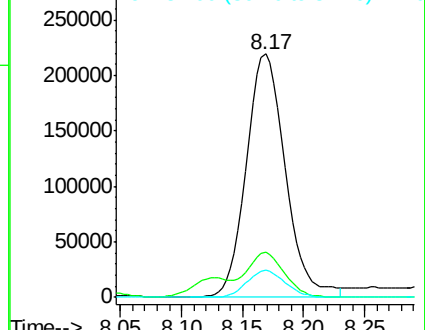
87 11.0 12.0 18.0#



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: 48.330 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054614.D

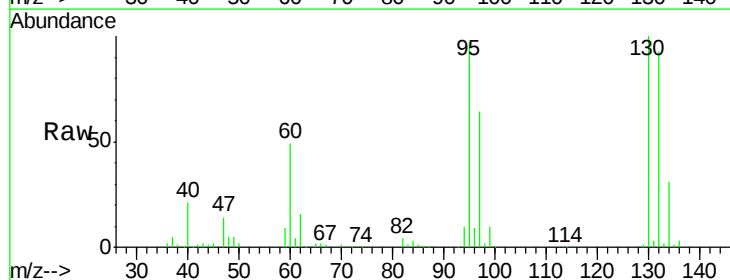
Acq: 23 Mar 2019 19:39

Tgt Ion:130 Resp: 261650

Ion Ratio Lower Upper

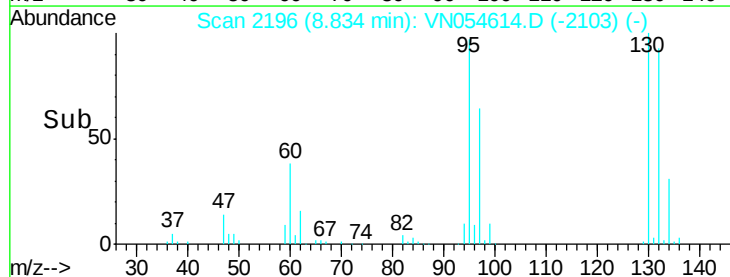
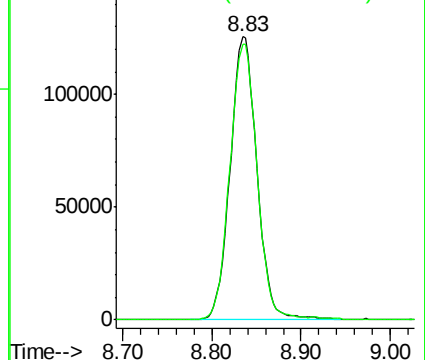
130 100

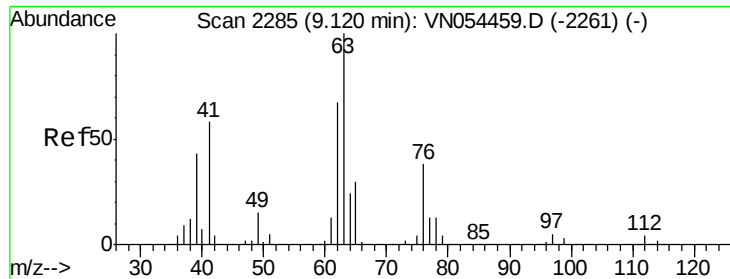
95 97.2 0.0 185.2



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

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

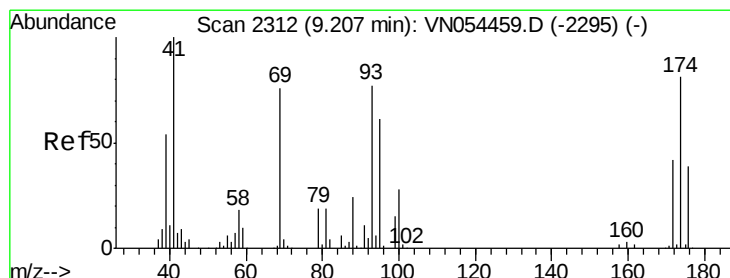
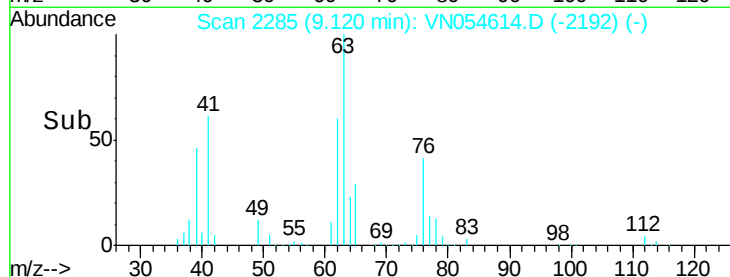
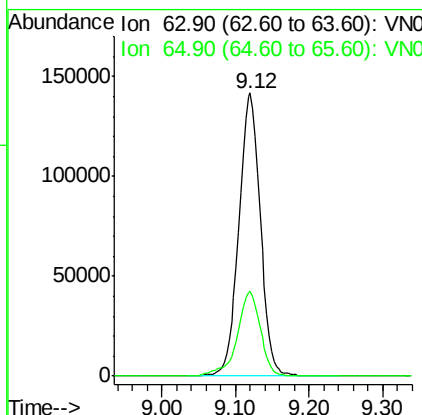
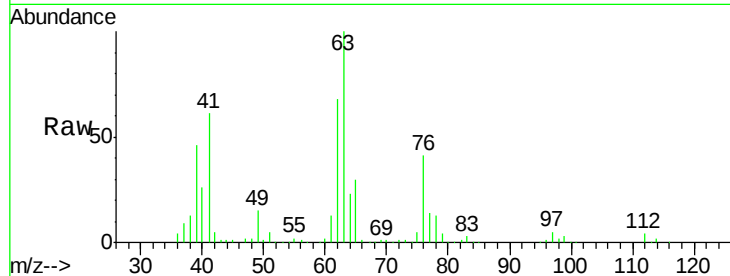




#45
 1,2-Dichloropropane
 Concen: 55.317 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

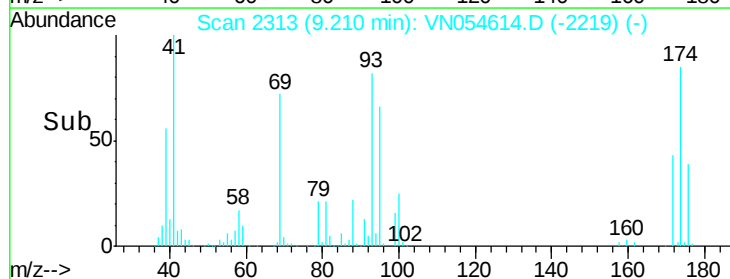
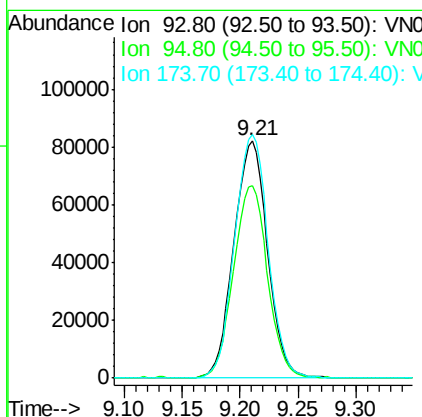
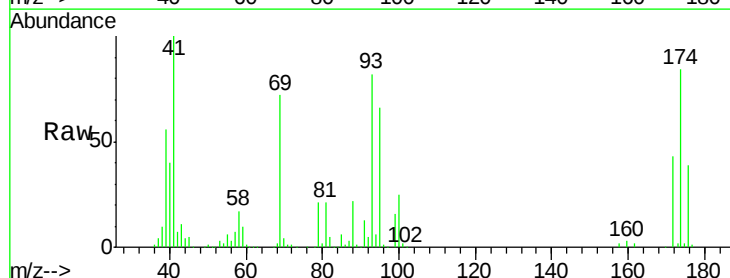
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

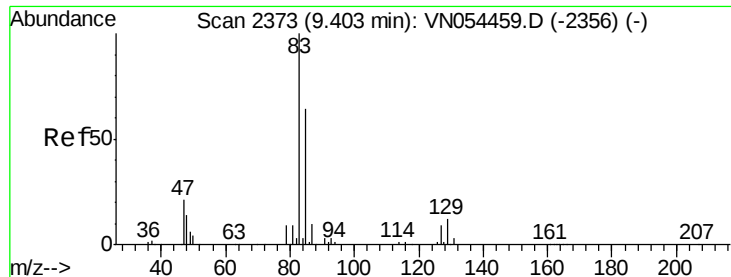
Tot Ion: 63 Resp: 289241
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 53.342 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

Tgt Ion: 93 Resp: 166394
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.7 100.1
 174 102.2 98.5 147.7





#47

Bromodichloromethane

Concen: 54.181 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

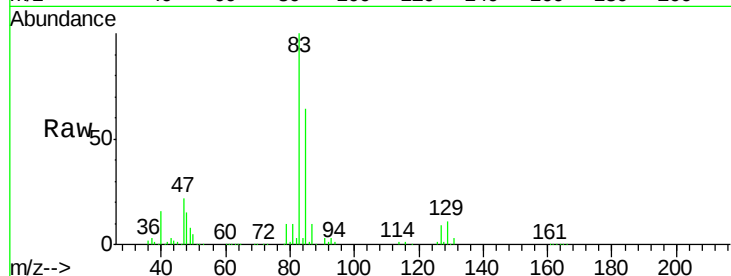
Tot Ion: 83 Resp: 350762

Ion Ratio Lower Upper

83 100

85 64.0 52.8 79.2

127 8.6 7.4 11.2

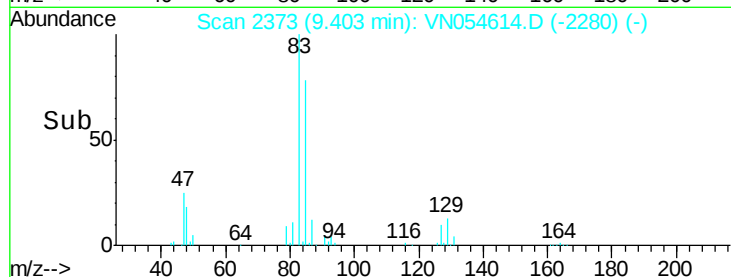


Abundance Ion 82.90 (82.60 to 83.60): VN054459.D (-2356) (-)

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

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

Time-->

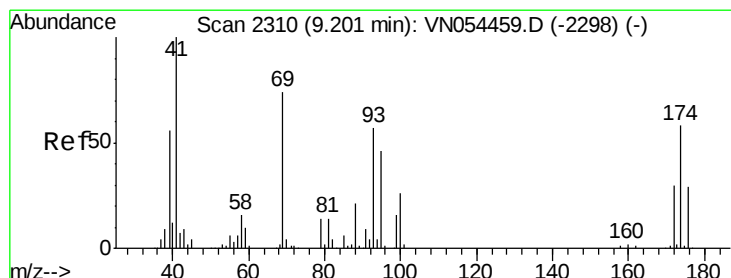


Abundance Ion 82.90 (82.60 to 83.60): VN054614.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054614.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054614.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 55.193 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

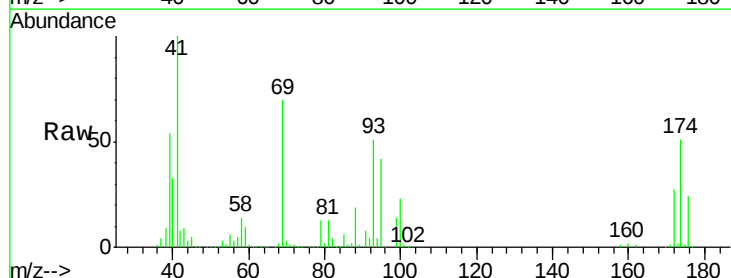
Tgt Ion: 41 Resp: 245034

Ion Ratio Lower Upper

41 100

69 73.5 72.6 108.8

39 56.5 47.5 71.3

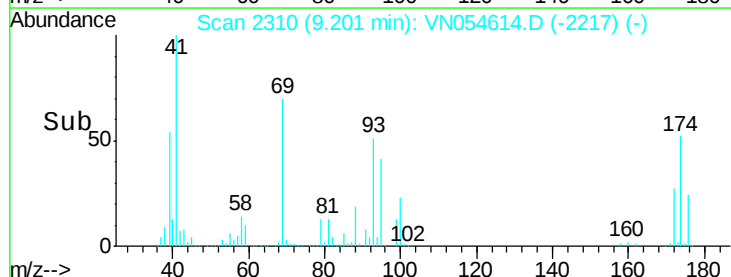


Abundance Ion 41.00 (40.70 to 41.70): VN054459.D (-2298) (-)

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

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

Time-->

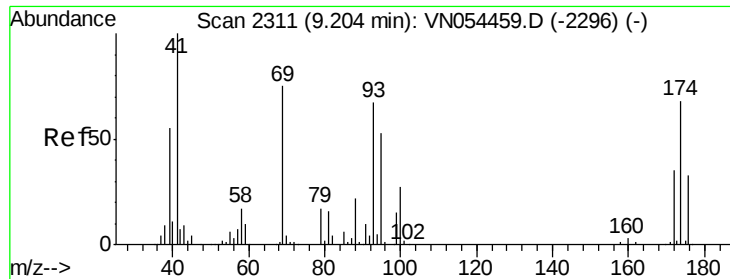


Abundance Ion 41.00 (40.70 to 41.70): VN054614.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054614.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054614.D (-2217) (-)

Time-->



#49

1,4-Dioxane

Concen: 1036.466 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

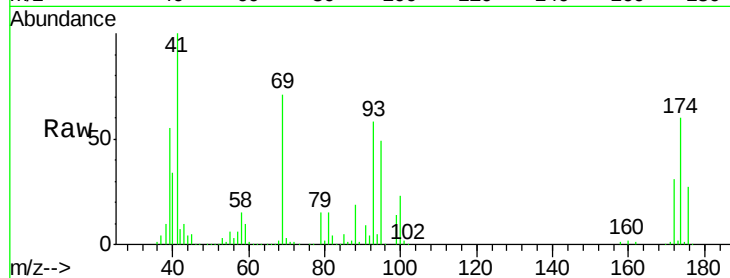
Tot Ion: 88 Resp: 51442

Ion Ratio Lower Upper

88 100

43 39.7 24.1 36.1#

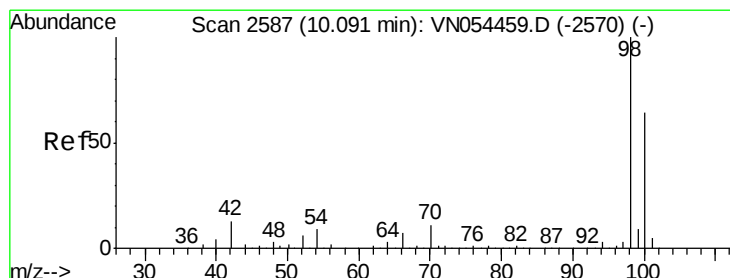
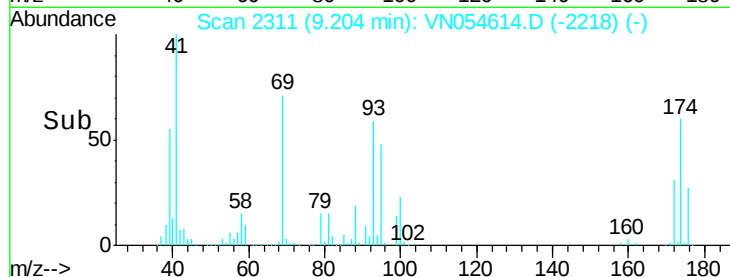
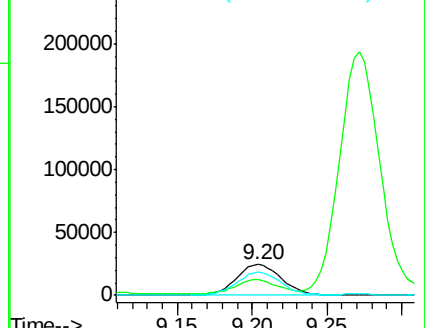
58 75.3 50.8 76.2



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: 49.411 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054614.D

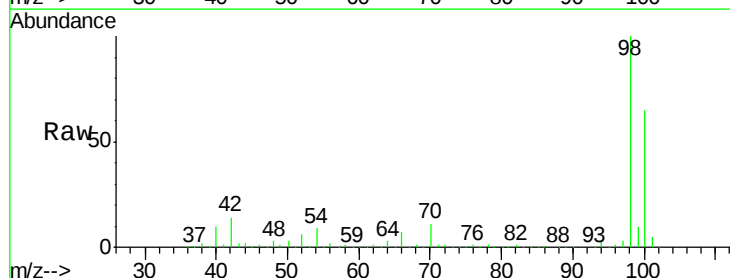
Acq: 23 Mar 2019 19:39

Tgt Ion: 98 Resp: 871572

Ion Ratio Lower Upper

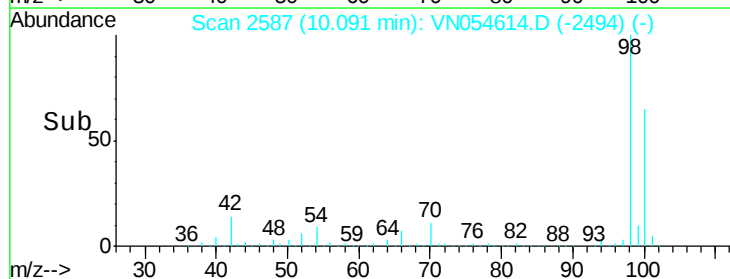
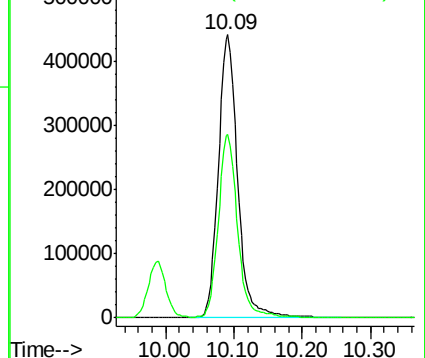
98 100

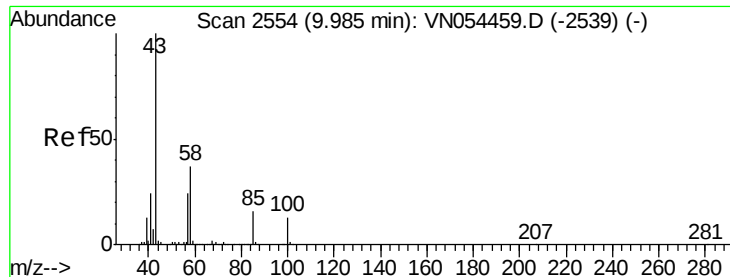
100 64.5 51.2 76.8



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: 295.209 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

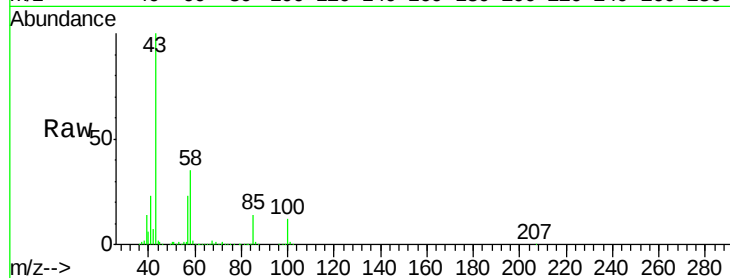
VSTDCCC050EC

Tot Ion: 43 Resp: 1338234

Ion Ratio Lower Upper

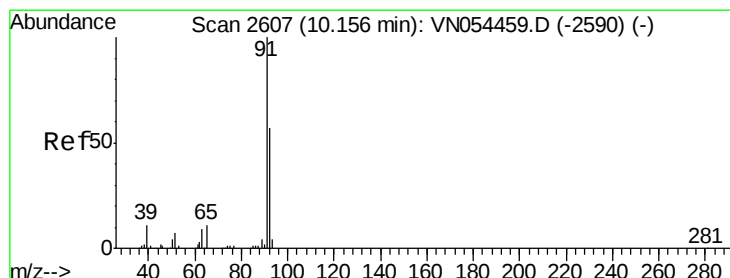
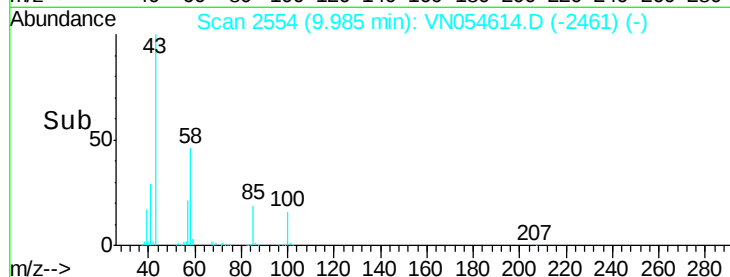
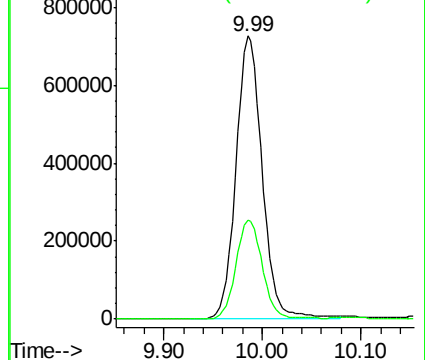
43 100

58 35.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.154 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054614.D

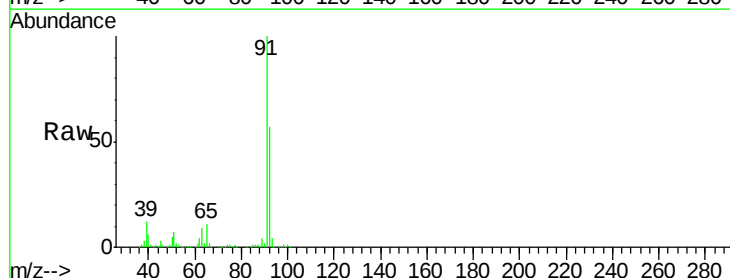
Acq: 23 Mar 2019 19:39

Tgt Ion: 92 Resp: 600682

Ion Ratio Lower Upper

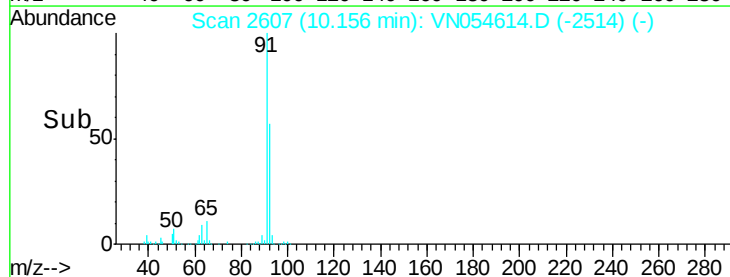
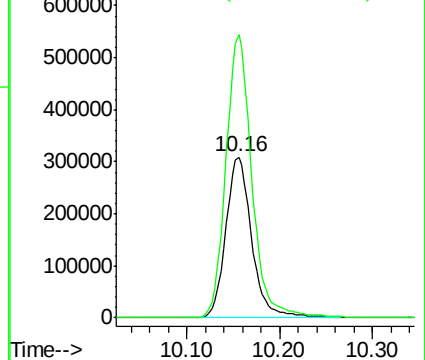
92 100

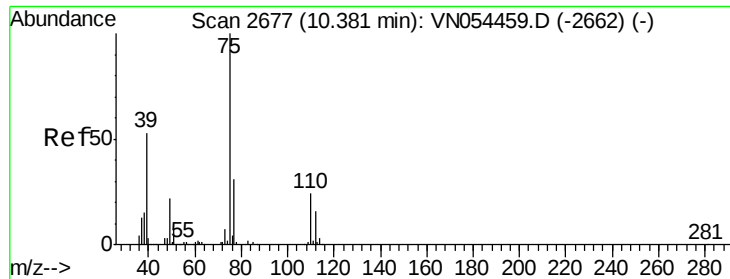
91 176.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 49.713 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

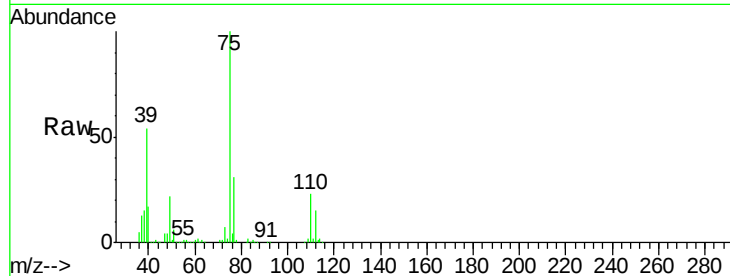
VSTDCCC050EC

Tot Ion: 75 Resp: 339408

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

200000

150000

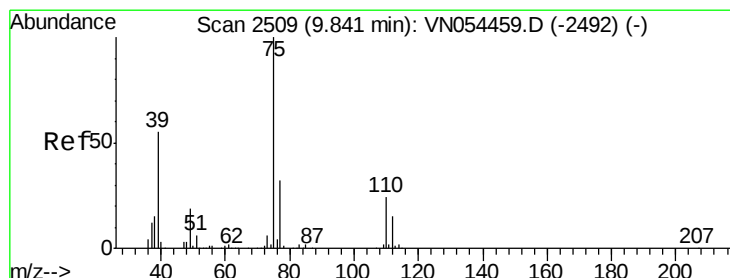
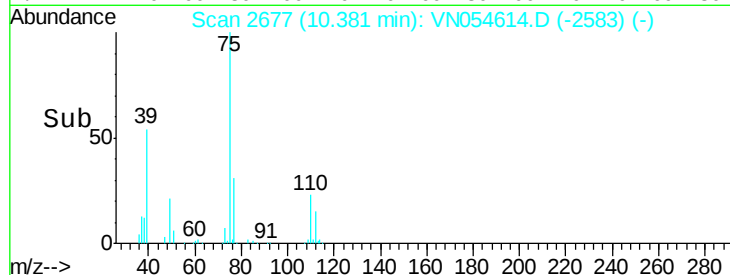
100000

50000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 54.498 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

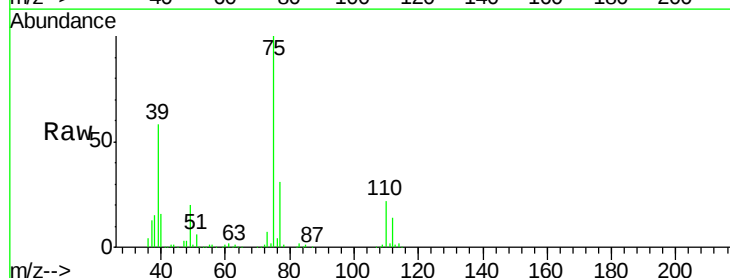
Tgt Ion: 75 Resp: 404538

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 57.8 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

300000

250000

200000

150000

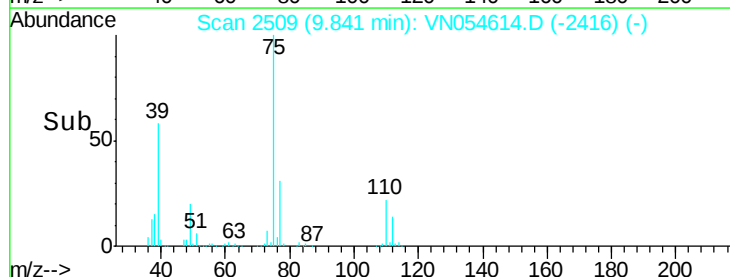
100000

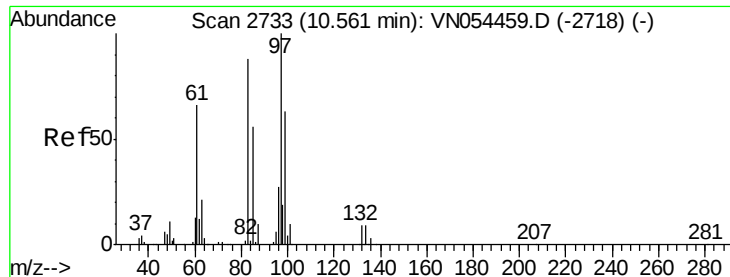
50000

0

Time-->

9.75 9.80 9.85 9.90 9.95

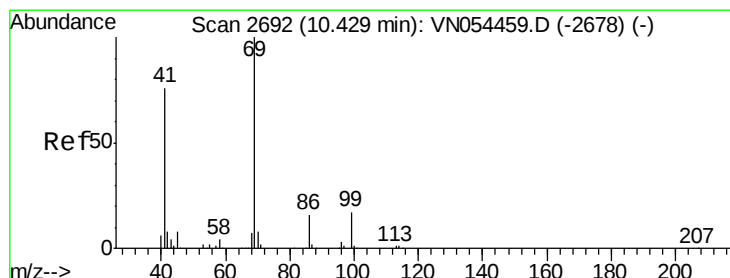
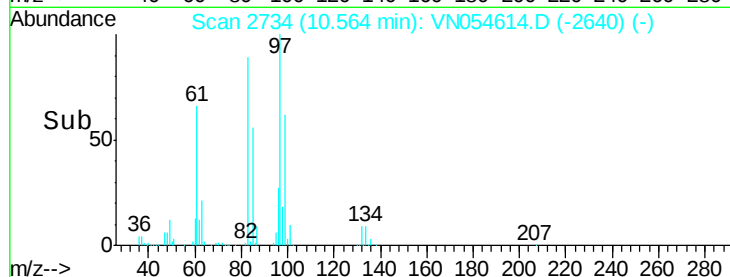
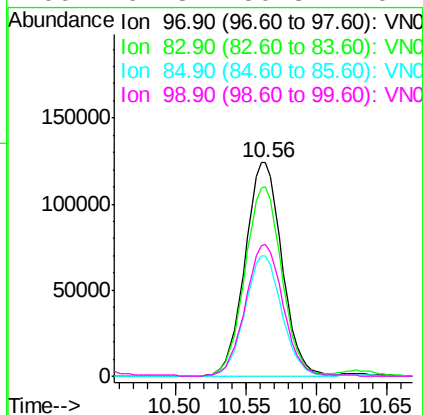
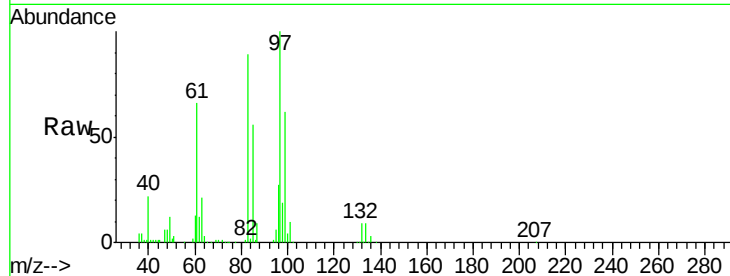




#55
 1,1,2-Trichloroethane
 Concen: 52.975 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

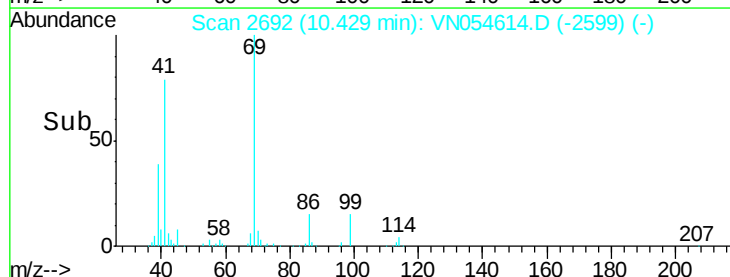
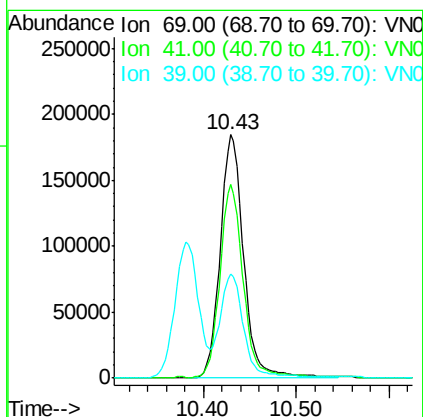
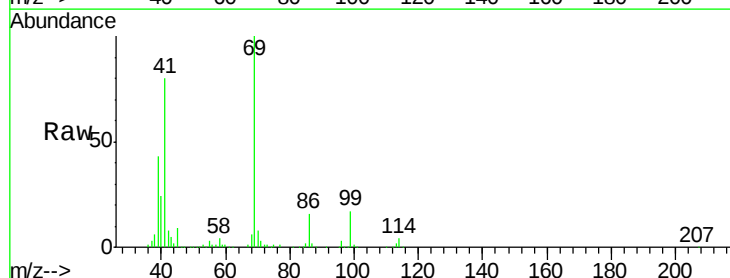
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

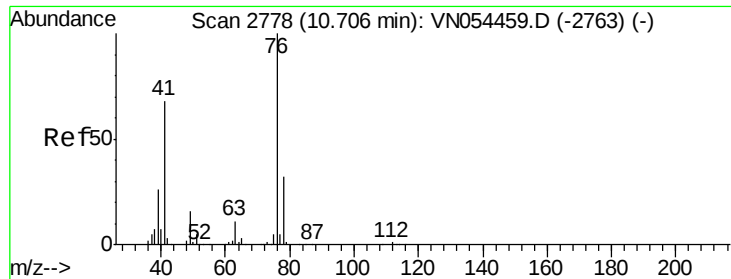
Tot Ion	Ratio	Lower	Upper
97	100		
83	89.0	66.6	100.0
85	56.1	44.4	66.6
99	61.3	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 56.268 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.7	49.4	74.2#
39	42.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 53.722 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

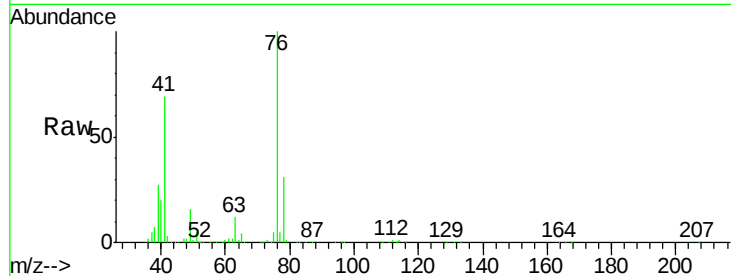
VSTDCCC050EC

Tot Ion: 76 Resp: 402042

Ion Ratio Lower Upper

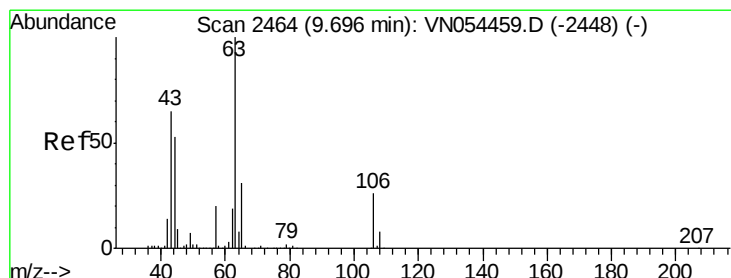
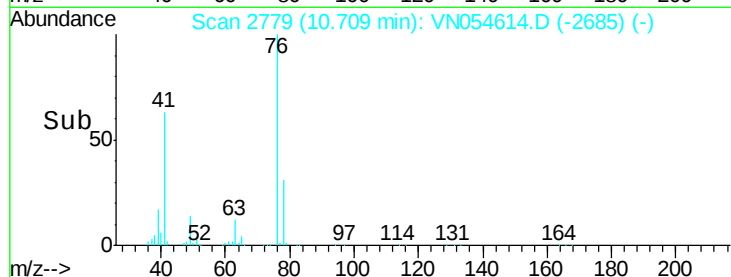
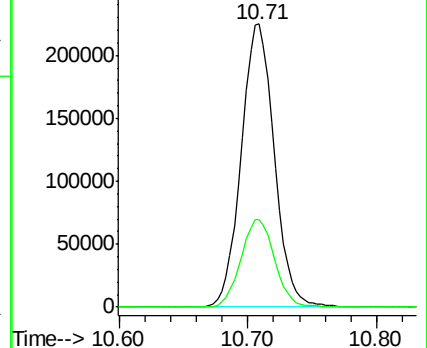
76 100

78 31.7 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: 255.205 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054614.D

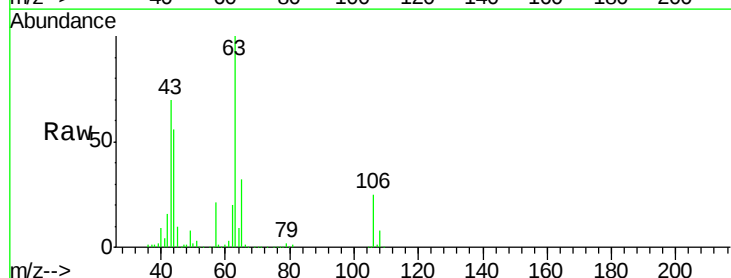
Acq: 23 Mar 2019 19:39

Tgt Ion: 63 Resp: 607236

Ion Ratio Lower Upper

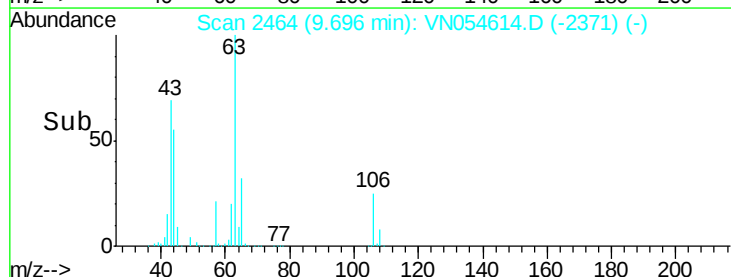
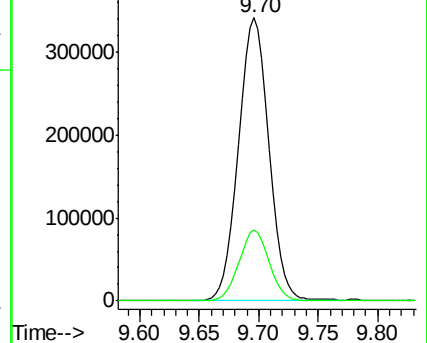
63 100

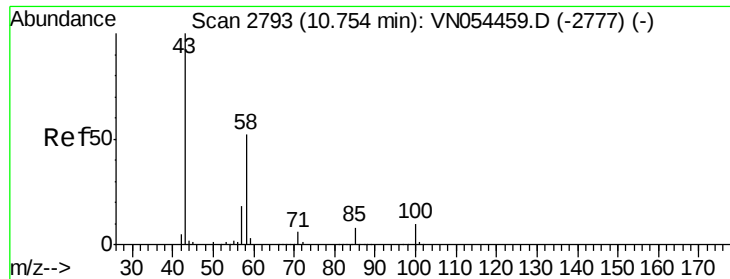
106 24.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

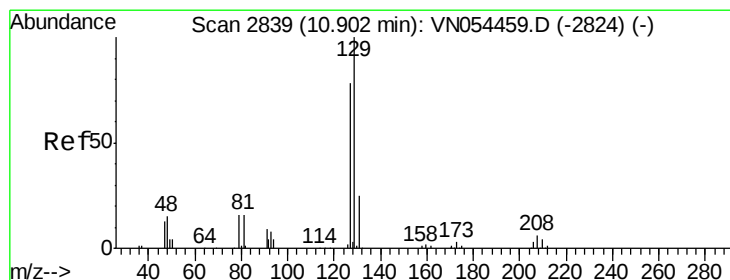
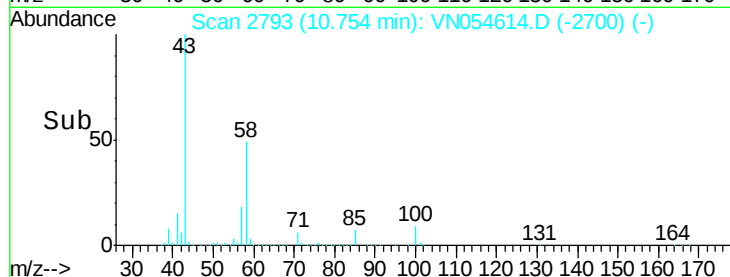
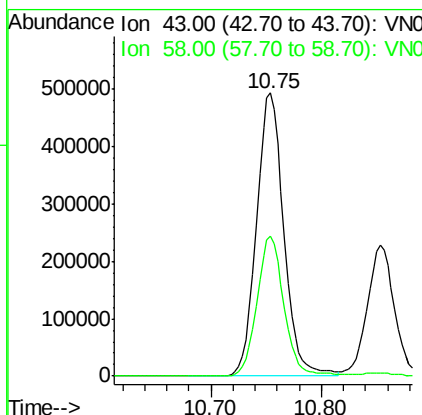
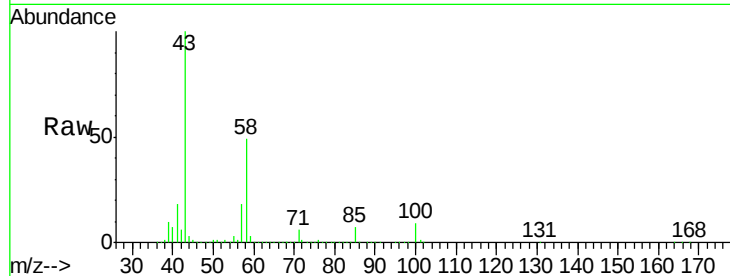




#59
2-Hexanone
Concen: 285.170 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

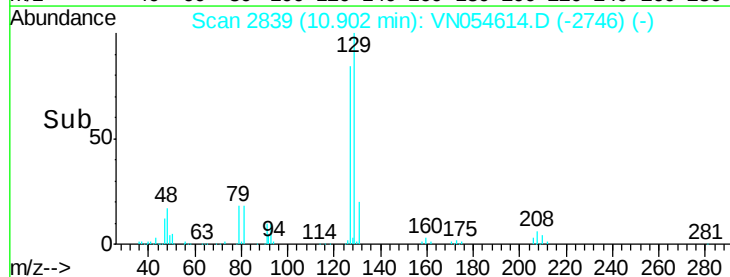
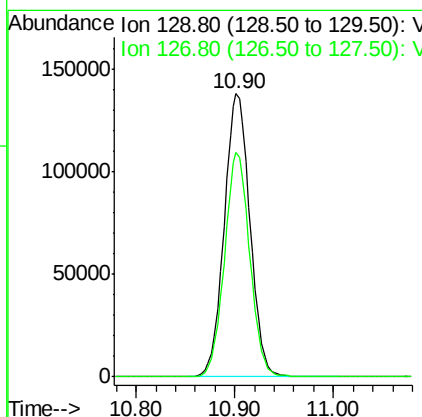
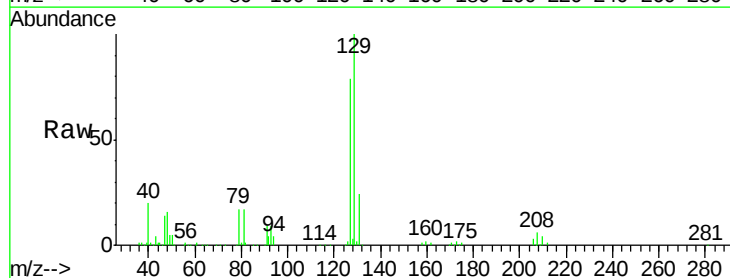
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

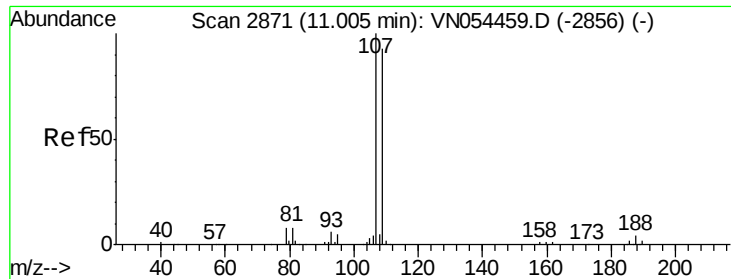
Tot Ion: 43 Resp: 844393
Ion Ratio Lower Upper
43 100
58 49.1 28.0 83.9



#60
Dibromochloromethane
Concen: 55.105 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 129 Resp: 252439
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8

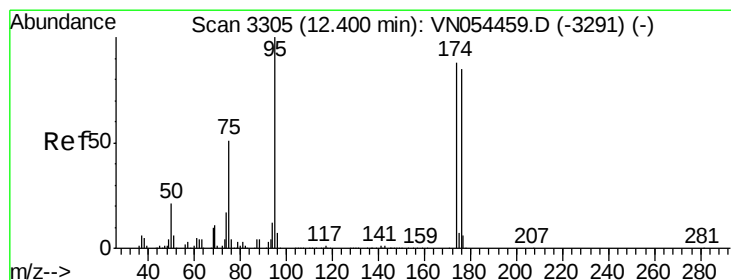
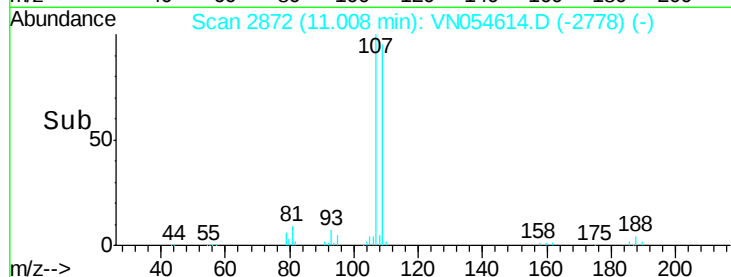
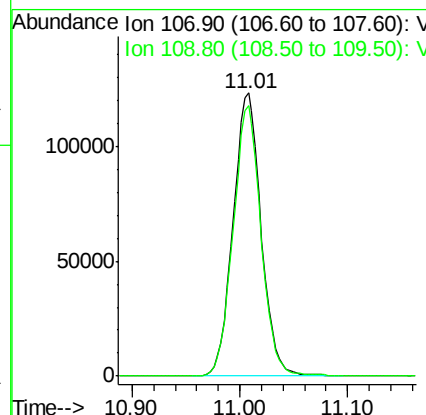
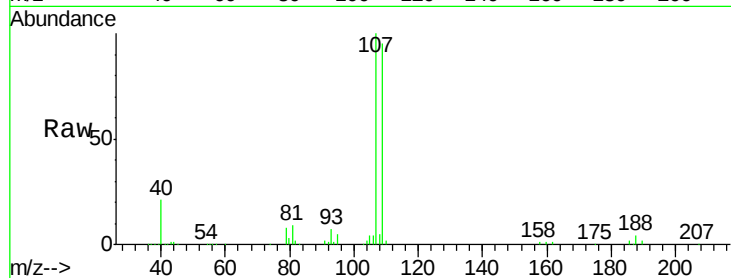




#61
 1,2-Dibromoethane
 Concen: 52.448 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

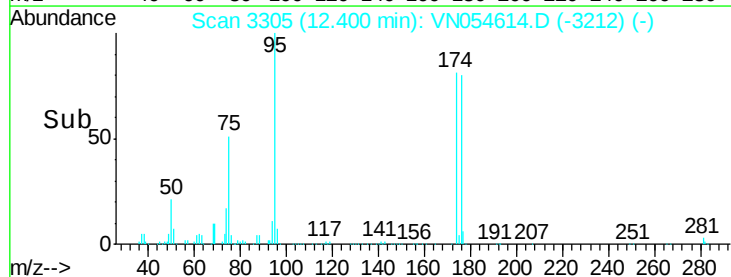
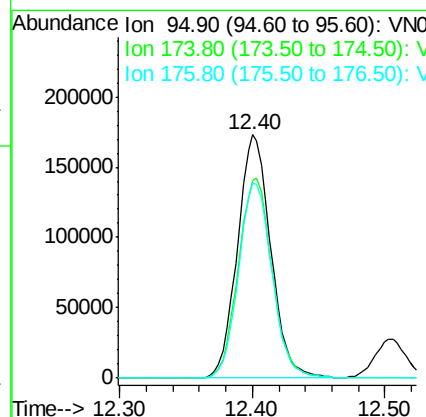
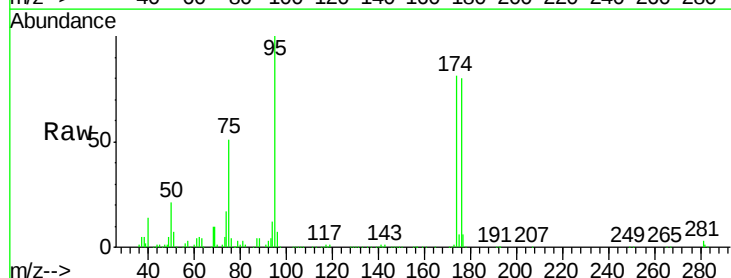
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

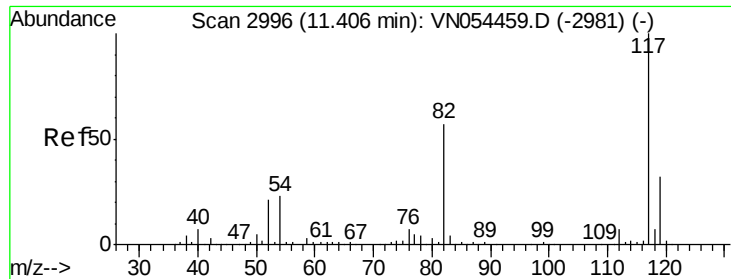
Tot Ion:107 Resp: 223225
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.191 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

Tgt Ion: 95 Resp: 301263
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 191.0
 176 80.9 0.0 187.4

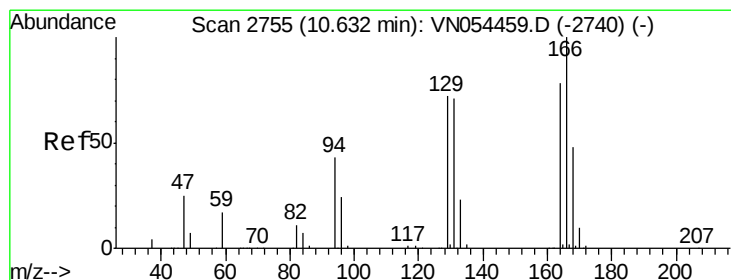
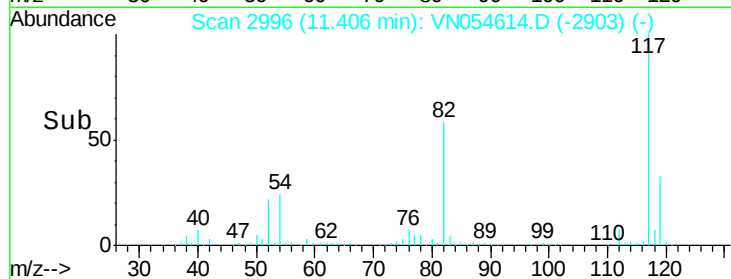
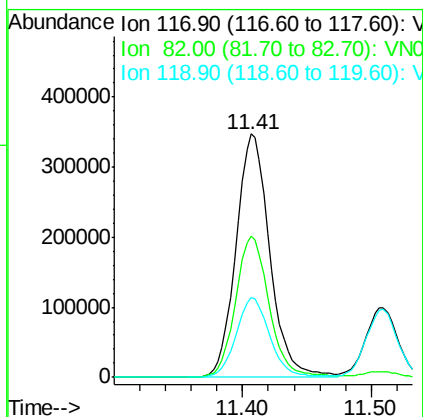
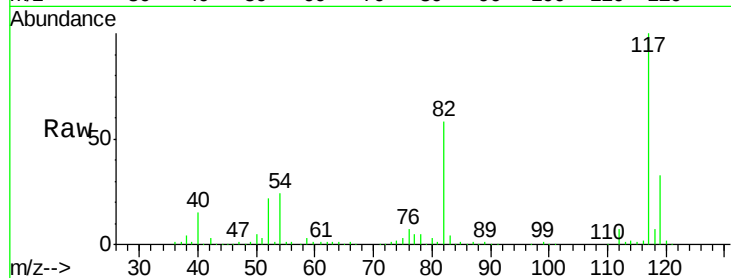




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

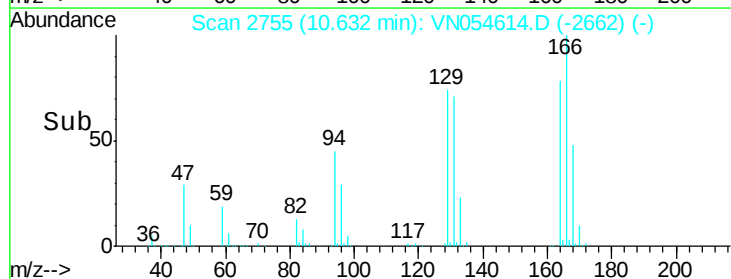
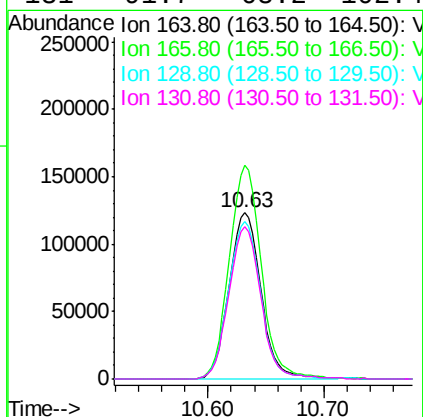
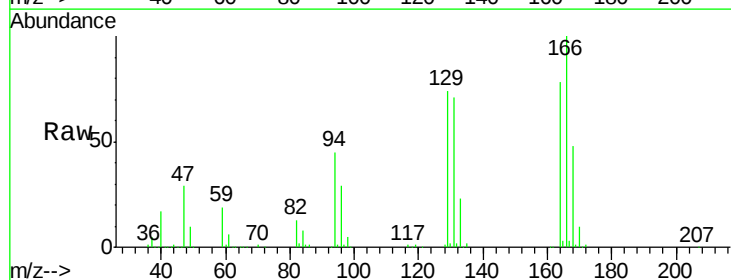
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

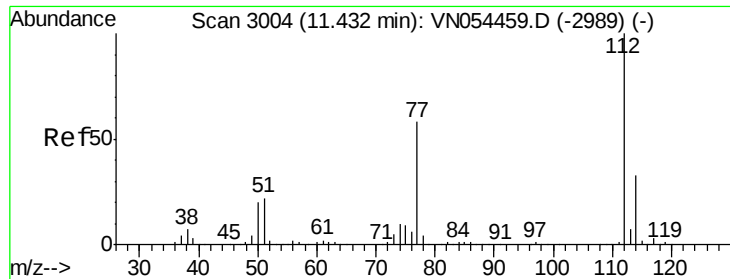
Tot Ion:117 Resp: 632287
Ion Ratio Lower Upper
117 100
82 58.0 40.0 60.0
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 44.720 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion:164 Resp: 234538
Ion Ratio Lower Upper
164 100
166 128.4 103.9 155.9
129 94.8 71.1 106.7
131 91.7 68.2 102.4

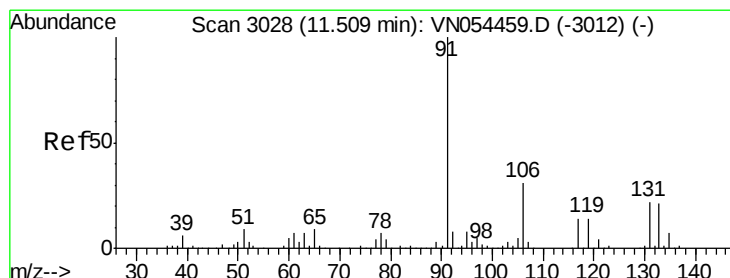
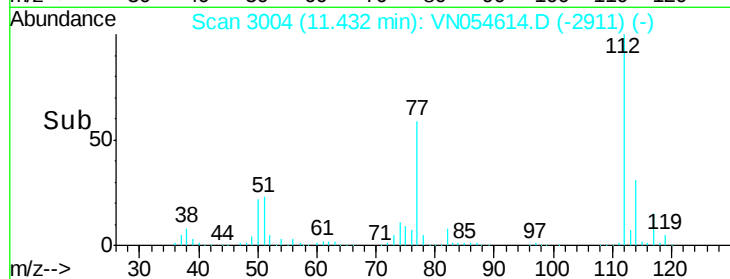
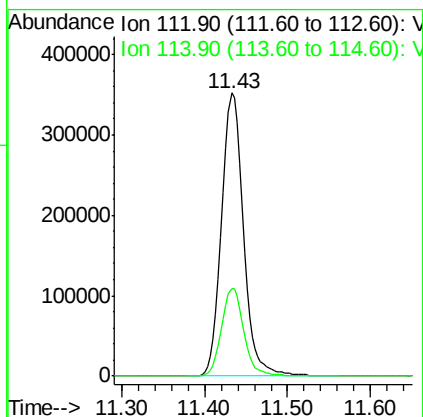
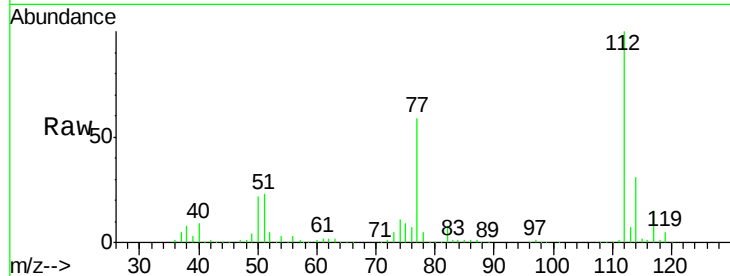




#65
Chlorobenzene
Concen: 50.214 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

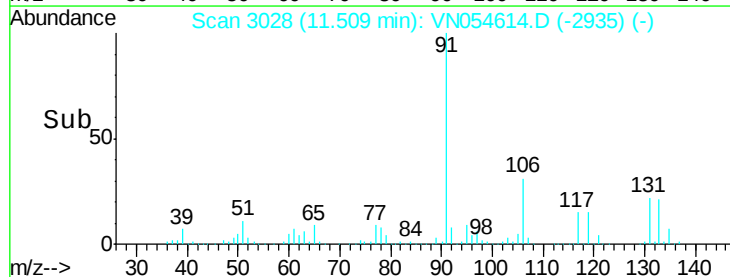
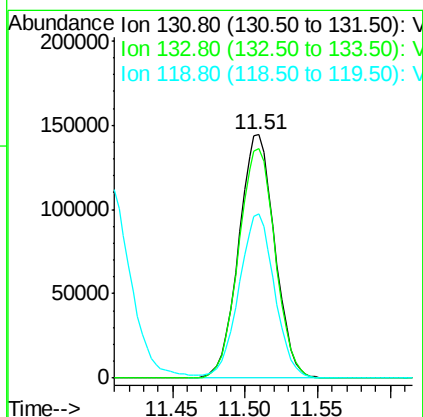
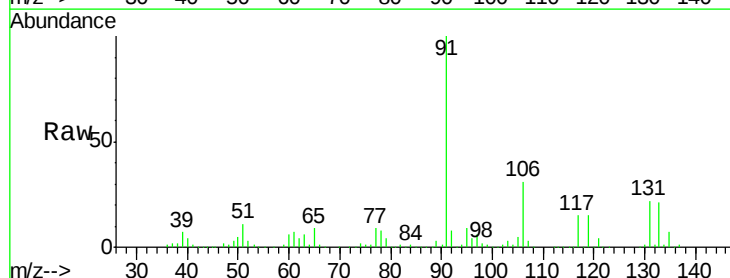
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

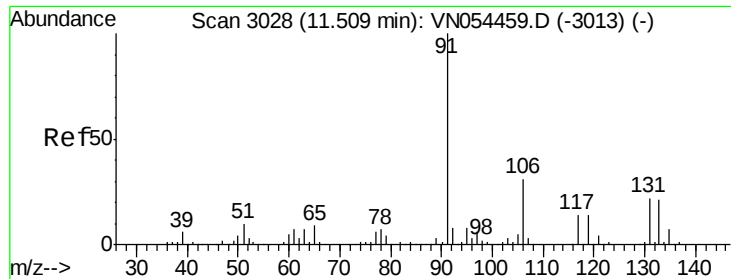
Tot Ion:112 Resp: 645752
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.908 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion:131 Resp: 248830
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 66.8 32.4 97.0

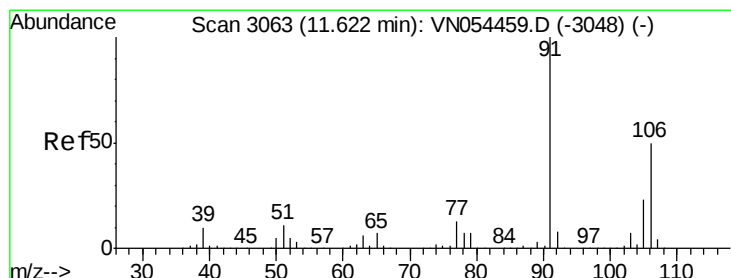
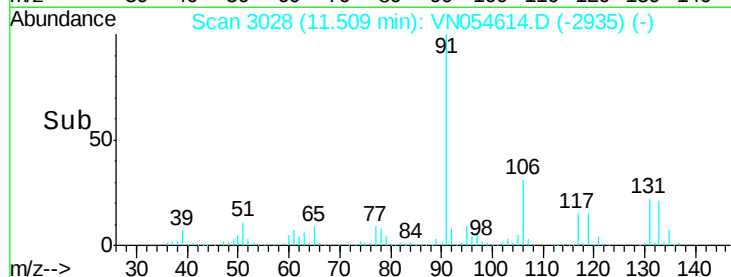
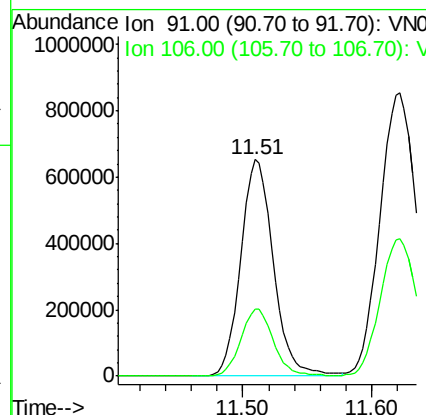
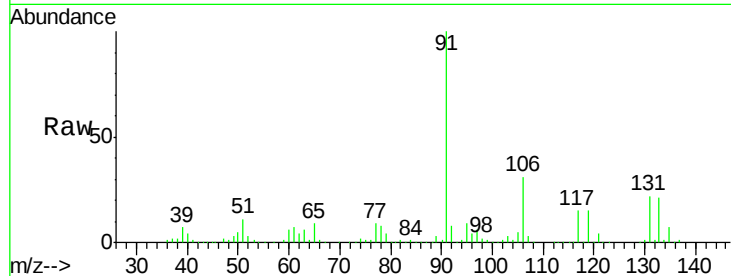




#67
Ethyl Benzene
Concen: 50.691 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

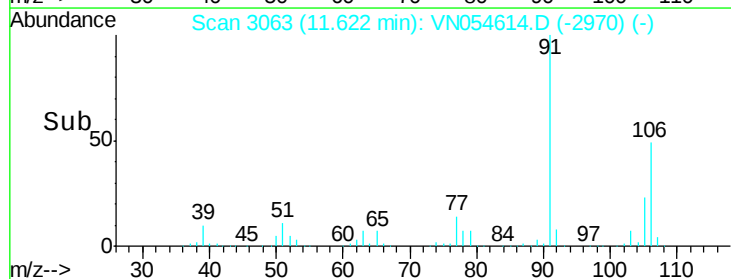
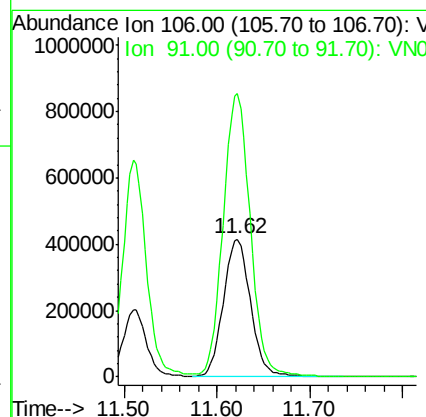
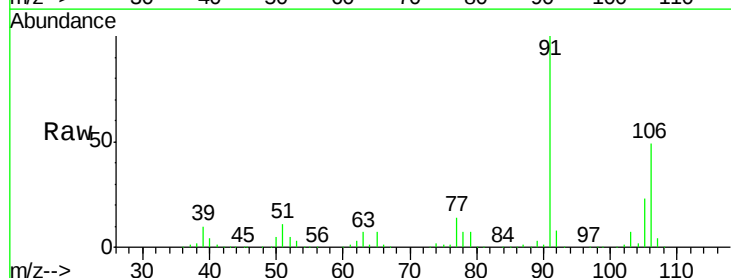
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

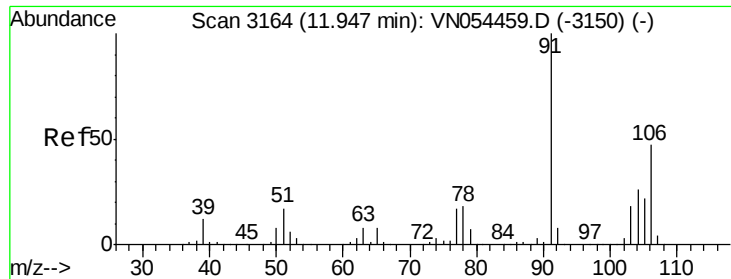
Tot Ion: 91 Resp: 1151517
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 98.366 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 106 Resp: 846374
Ion Ratio Lower Upper
106 100
91 205.6 159.4 239.2

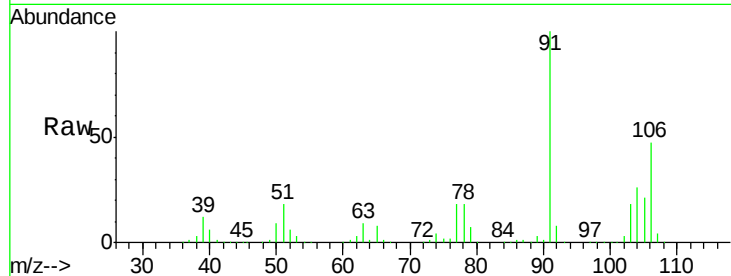




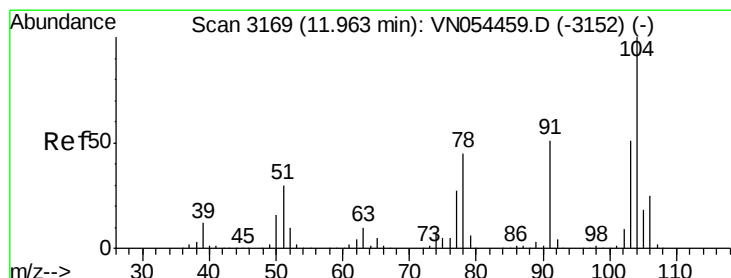
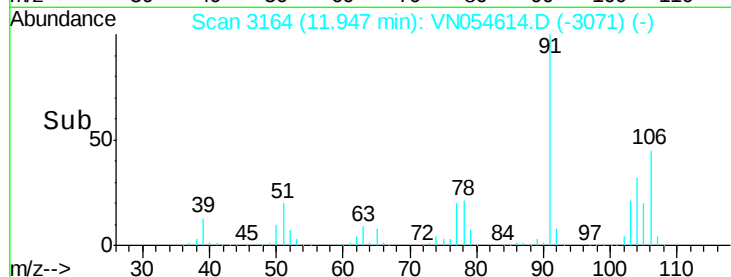
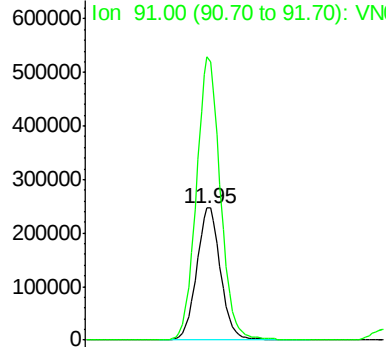
#69
o-Xylene
Concen: 49.970 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 419899
Ion Ratio Lower Upper
106 100
91 215.4 105.7 317.1

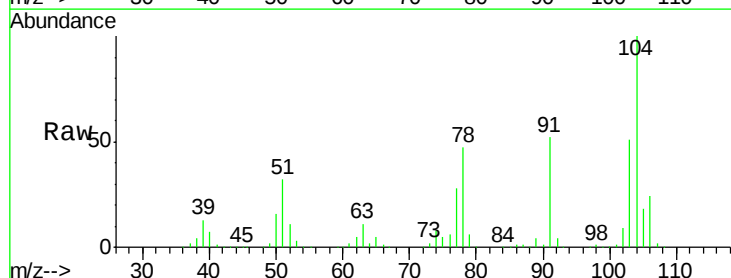


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

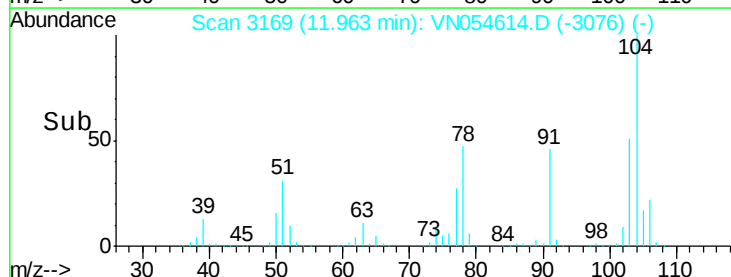
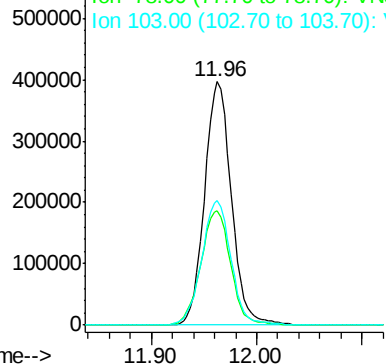


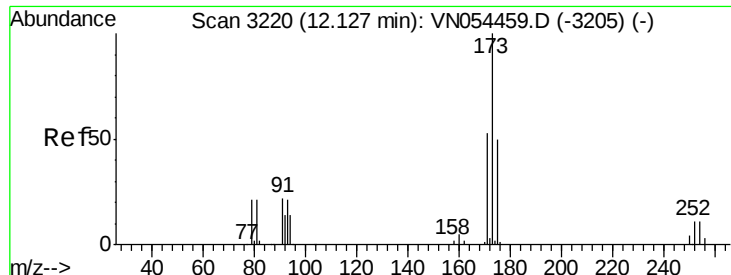
#70
Styrene
Concen: 51.215 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion:104 Resp: 698873
Ion Ratio Lower Upper
104 100
78 52.2 38.2 57.2
103 55.9 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

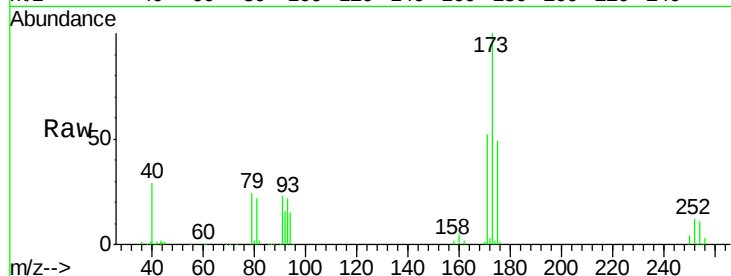




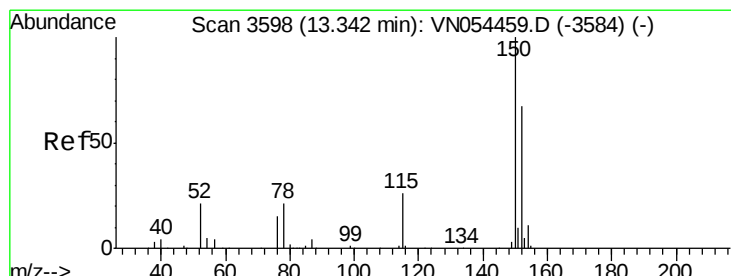
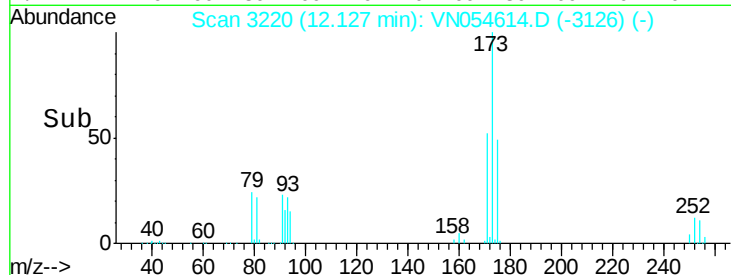
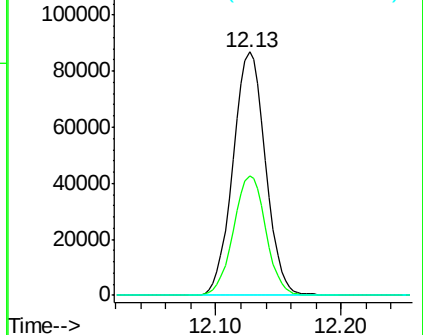
#71
Bromoform
Concen: 49.164 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 156330
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.2
254 0.2 0.1 0.1#

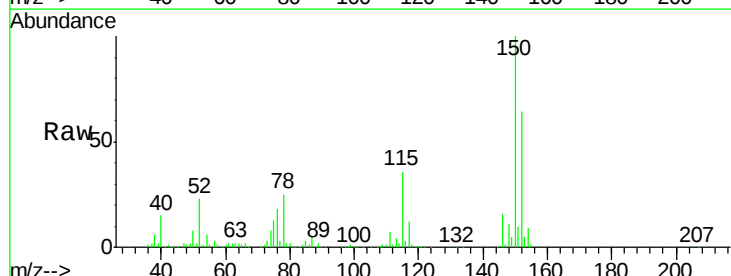


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

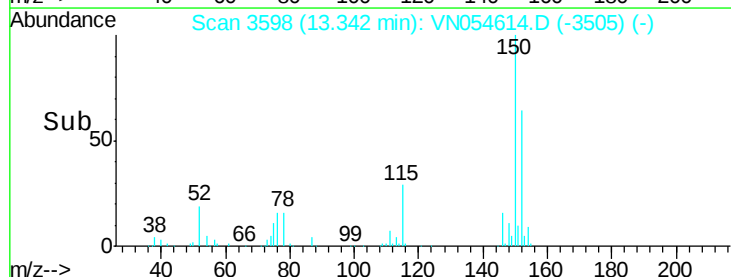
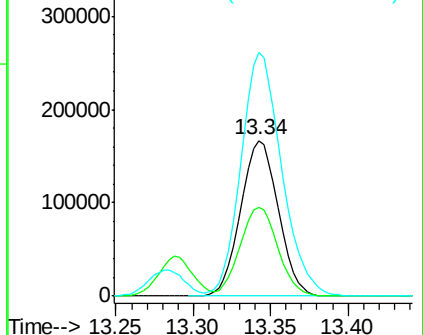


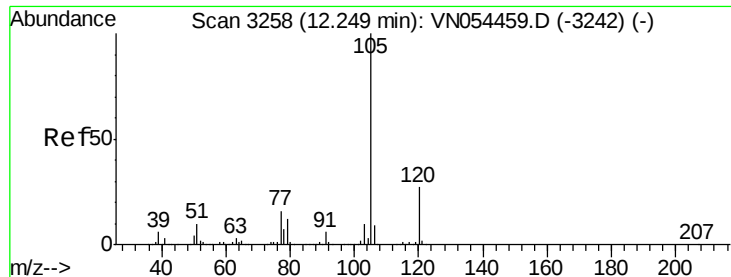
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion:152 Resp: 281875
Ion Ratio Lower Upper
152 100
115 57.5 27.2 81.6
150 169.3 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: 48.168 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

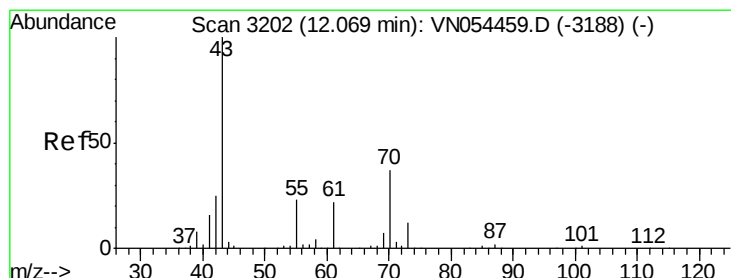
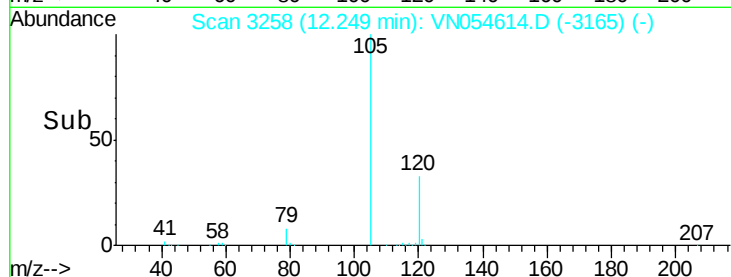
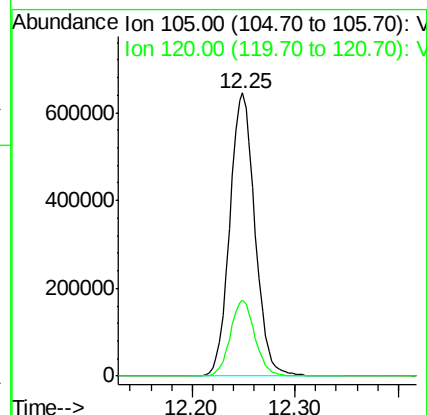
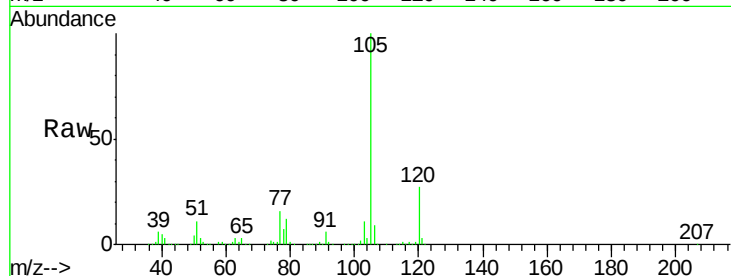
VSTDCCC050EC

Tot Ion:105 Resp: 1094099

Ion Ratio Lower Upper

105 100

120 26.4 13.8 41.3



#74

N-ethyl acetate

Concen: 58.295 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Tgt Ion: 43 Resp: 380733

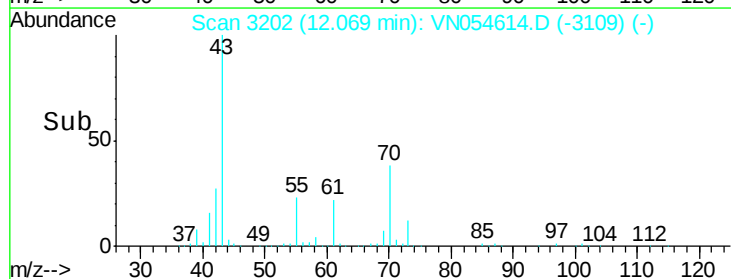
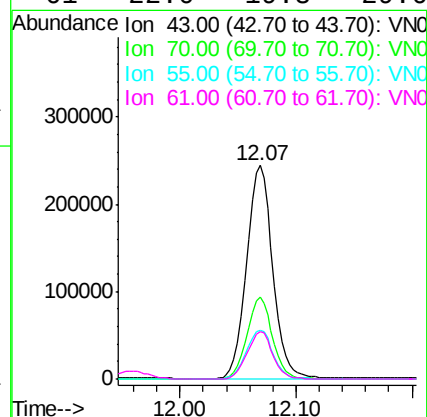
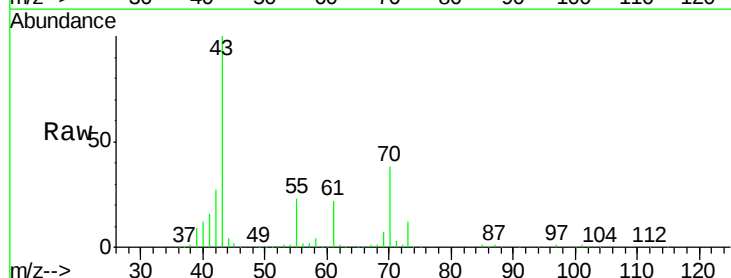
Ion Ratio Lower Upper

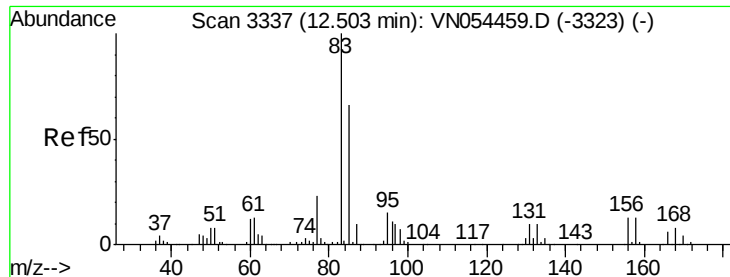
43 100

70 37.5 35.4 53.0

55 23.5 19.8 29.6

61 22.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.384 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

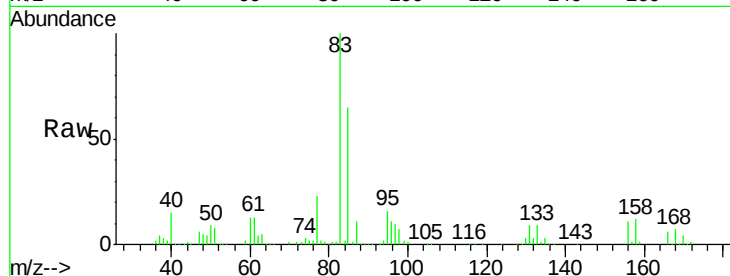
Tot Ion: 83 Resp: 287167

Ion Ratio Lower Upper

83 100

131 10.1 5.8 17.4

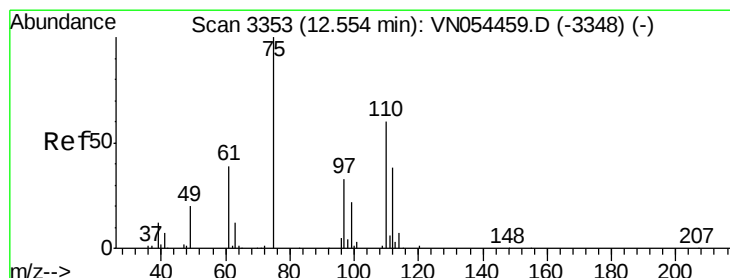
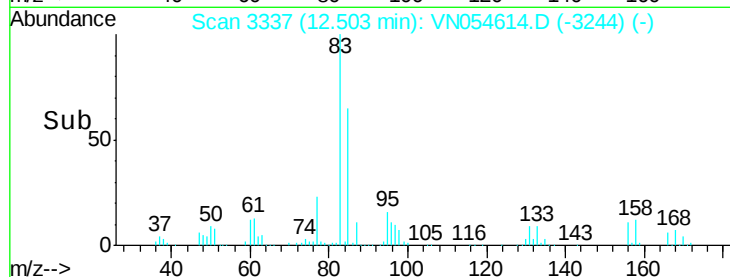
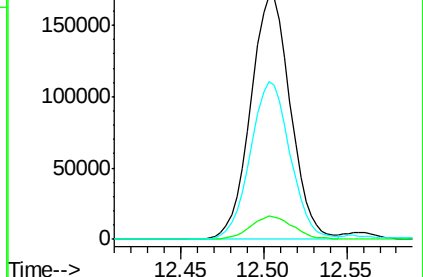
85 64.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054459.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN054459.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN054459.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 76.000 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN054614.D

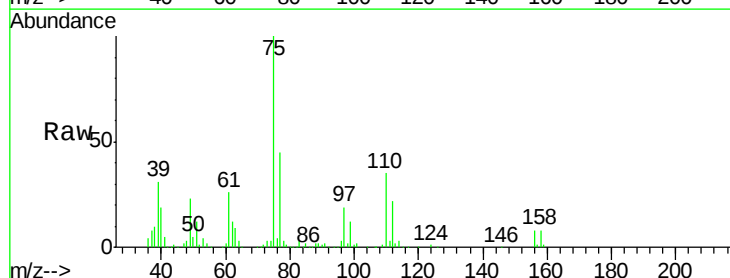
Acq: 23 Mar 2019 19:39

Tgt Ion: 75 Resp: 339941

Ion Ratio Lower Upper

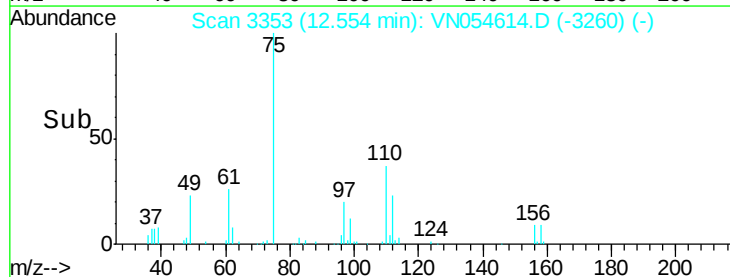
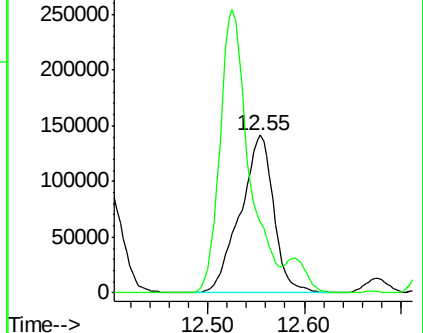
75 100

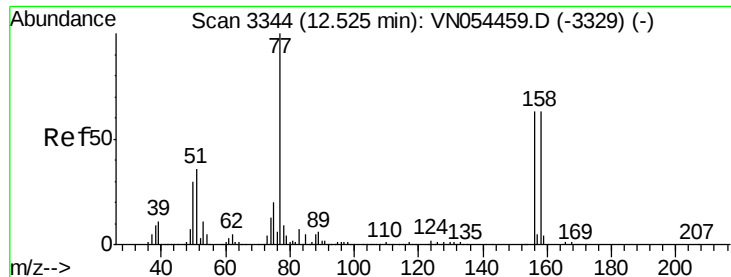
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054459.D (-3348) (-)





#77

Bromobenzene

Concen: 49.106 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

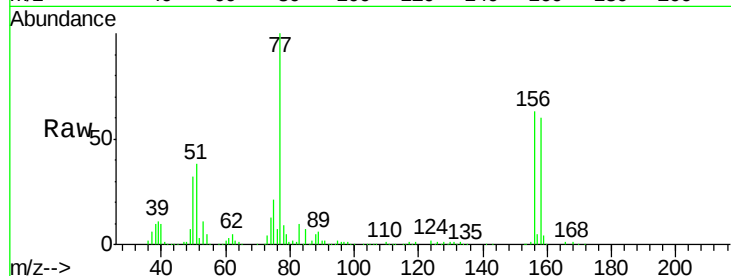
Tot Ion:156 Resp: 276632

Ion Ratio Lower Upper

156 100

77 192.2 81.5 244.4

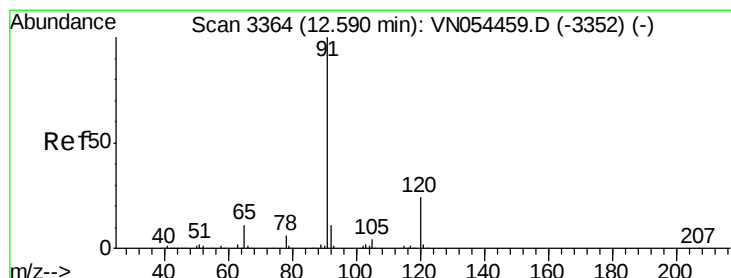
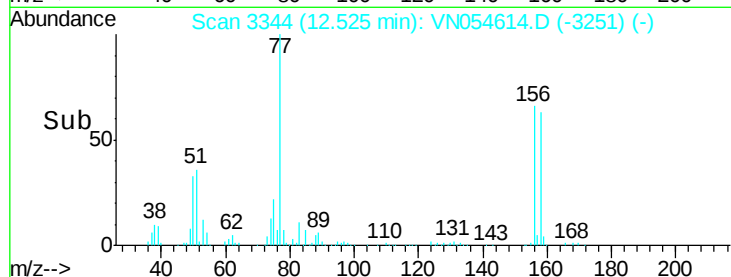
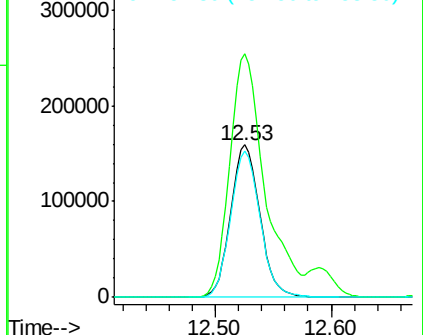
158 97.1 49.0 147.2



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: 48.828 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054614.D

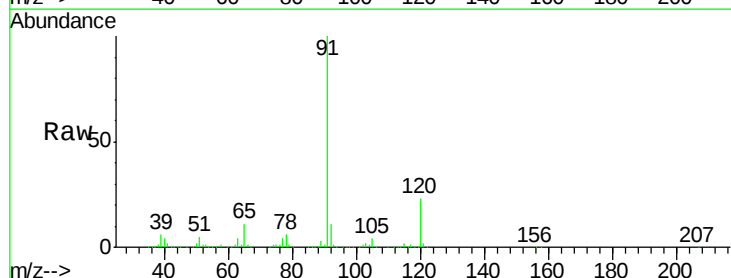
Acq: 23 Mar 2019 19:39

Tgt Ion: 91 Resp: 1202634

Ion Ratio Lower Upper

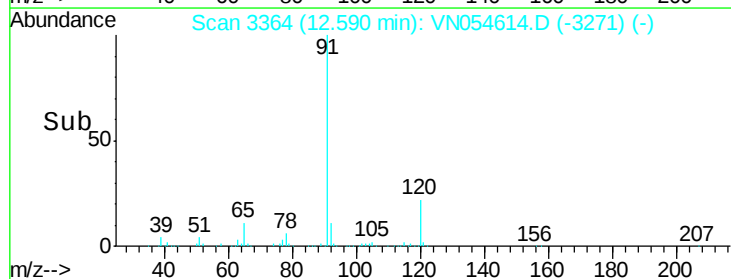
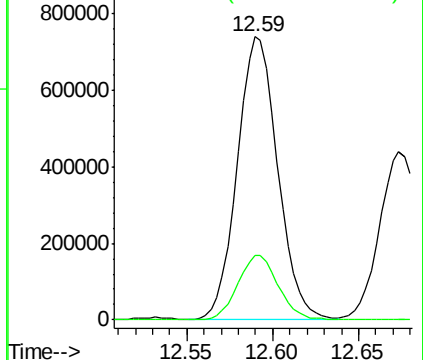
91 100

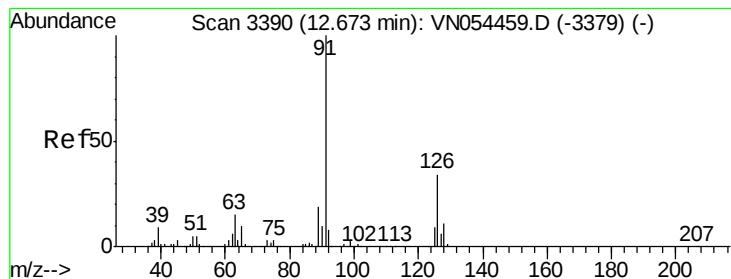
120 23.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.334 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

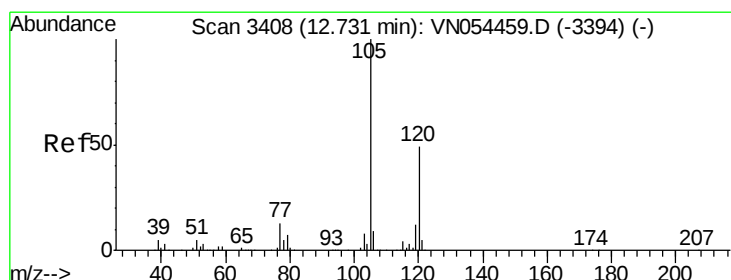
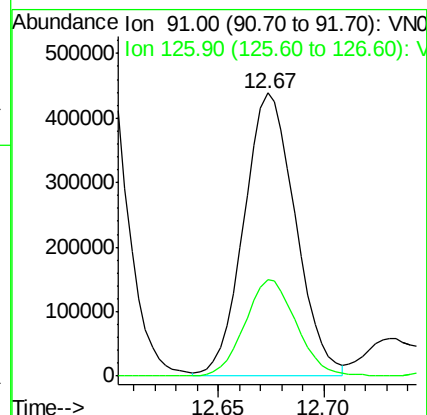
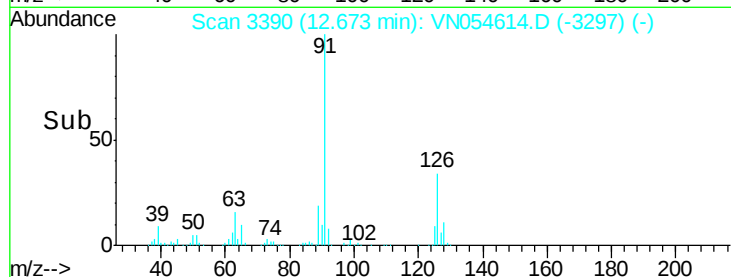
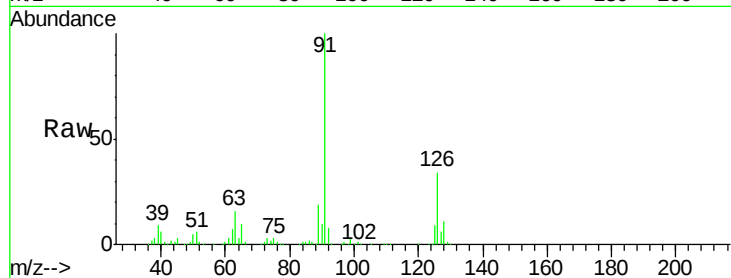
VSTDCCC050EC

Tot Ion: 91 Resp: 742380

Ion Ratio Lower Upper

91 100

126 34.3 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 48.245 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054614.D

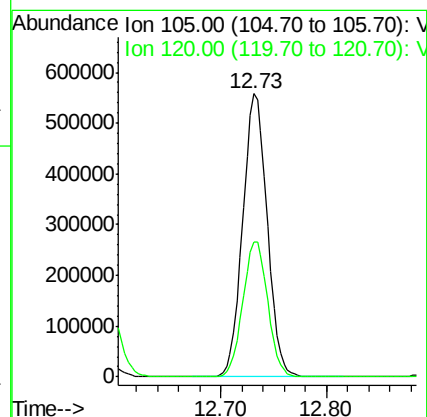
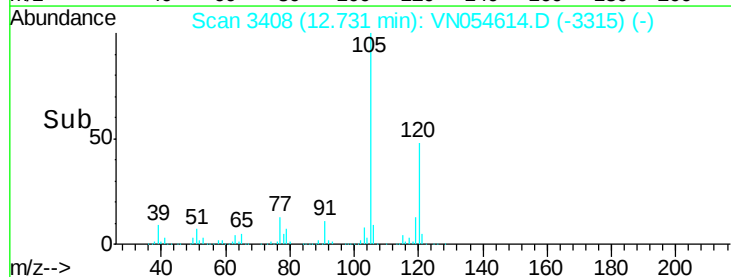
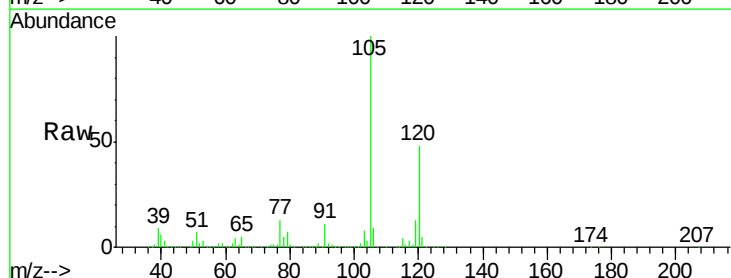
Acq: 23 Mar 2019 19:39

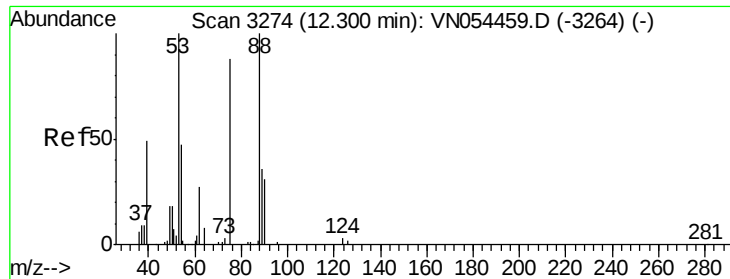
Tgt Ion: 105 Resp: 898142

Ion Ratio Lower Upper

105 100

120 48.7 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.655 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

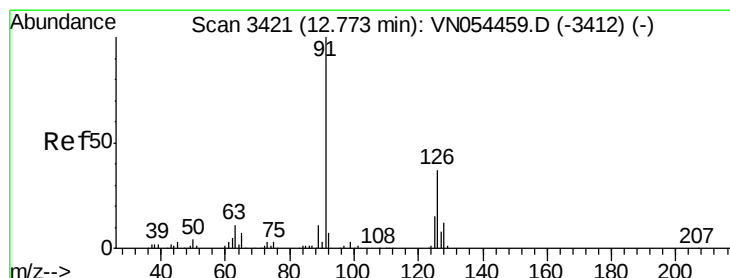
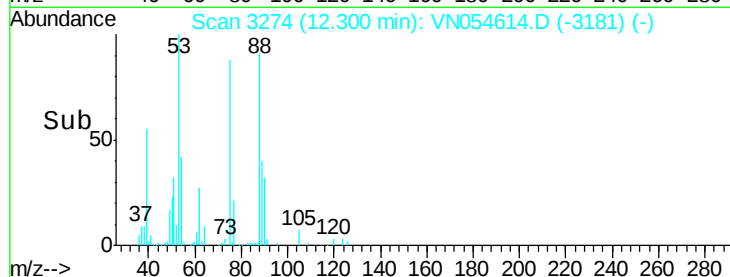
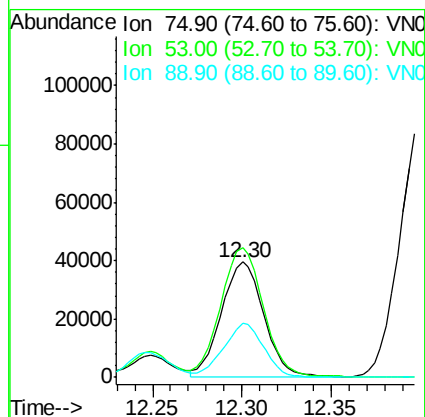
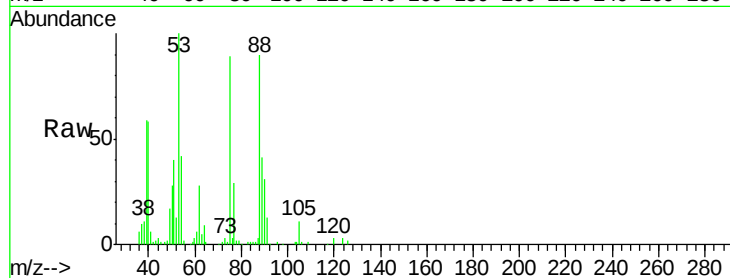
Tot Ion: 75 Resp: 64396

Ion Ratio Lower Upper

75 100

53 116.6 76.2 114.2#

89 45.0 39.2 58.8



#82

4-Chlorotoluene

Concen: 49.480 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054614.D

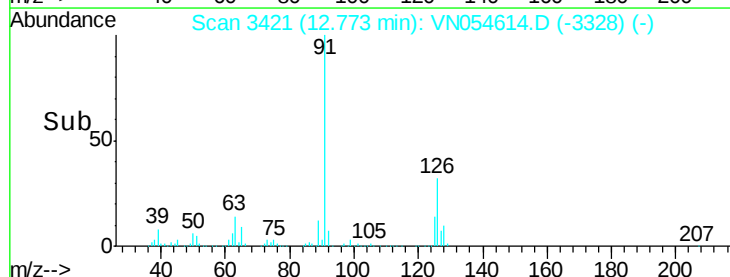
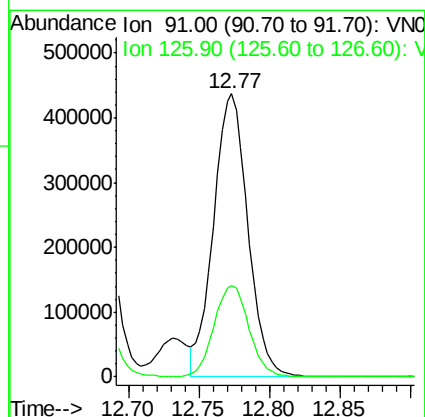
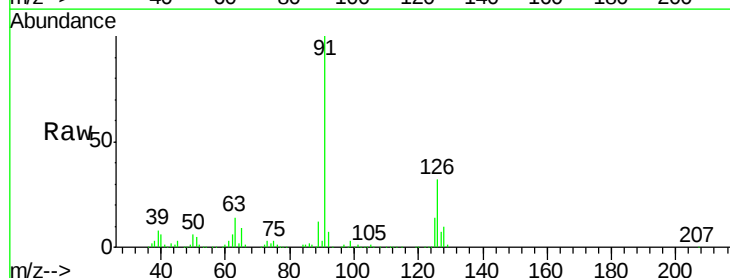
Acq: 23 Mar 2019 19:39

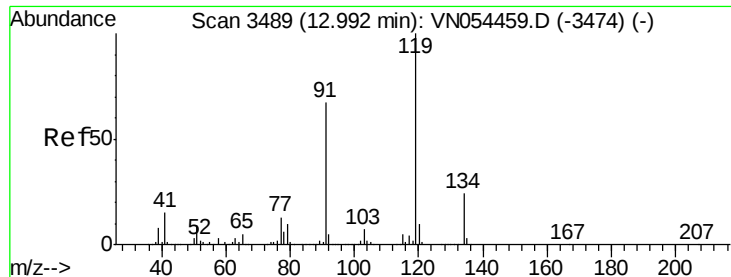
Tgt Ion: 91 Resp: 736655

Ion Ratio Lower Upper

91 100

126 33.1 18.1 54.1

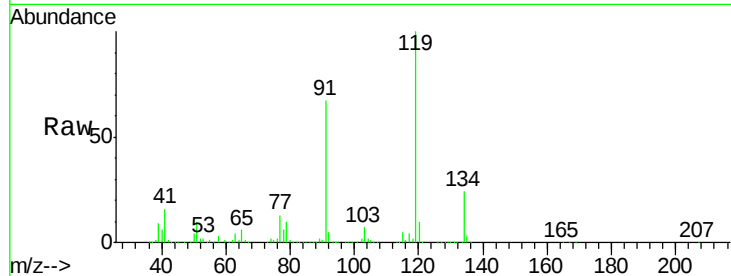




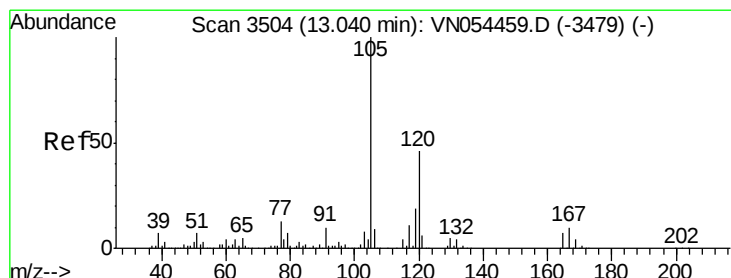
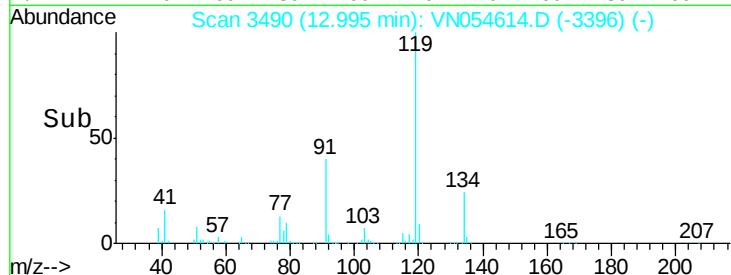
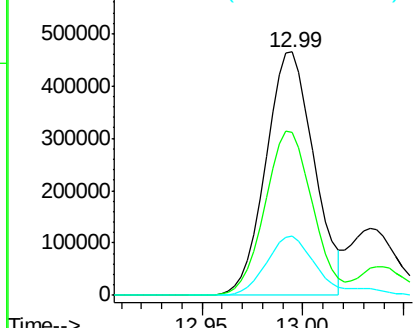
#83
tert-Butylbenzene
Concen: 47.553 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 770567
Ion Ratio Lower Upper
119 100
91 66.5 30.9 92.8
134 26.4 13.2 39.6

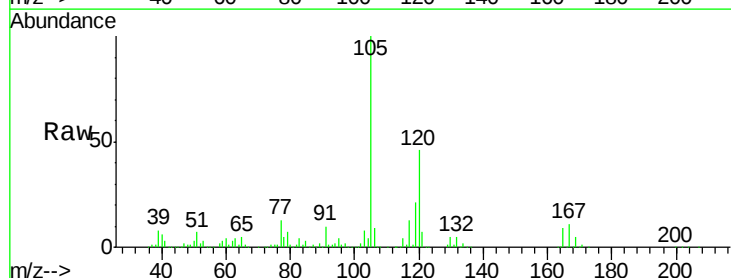


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

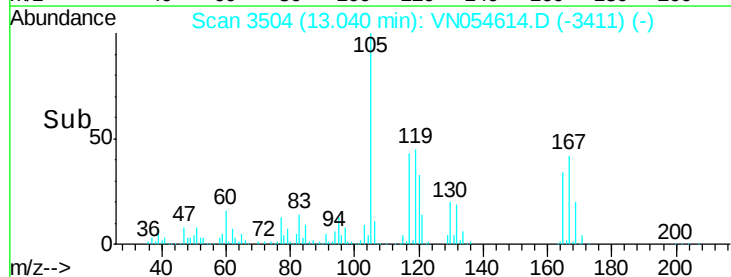
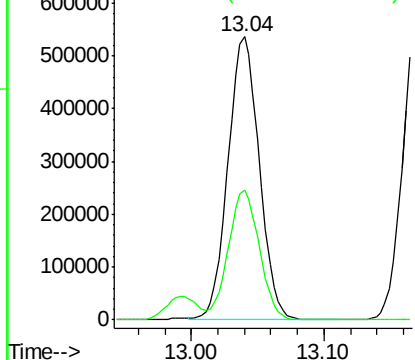


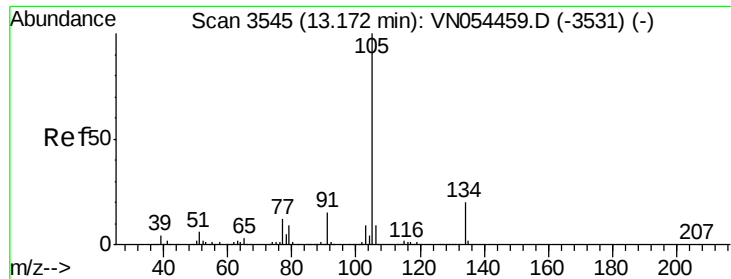
#84
1,2,4-Trimethylbenzene
Concen: 47.911 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion:105 Resp: 875160
Ion Ratio Lower Upper
105 100
120 45.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.653 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

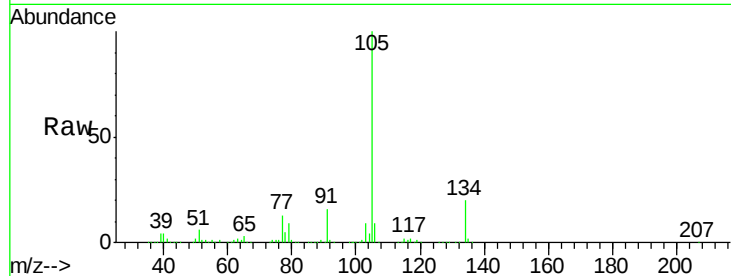
VSTDCCC050EC

Tot Ion:105 Resp: 962597

Ion Ratio Lower Upper

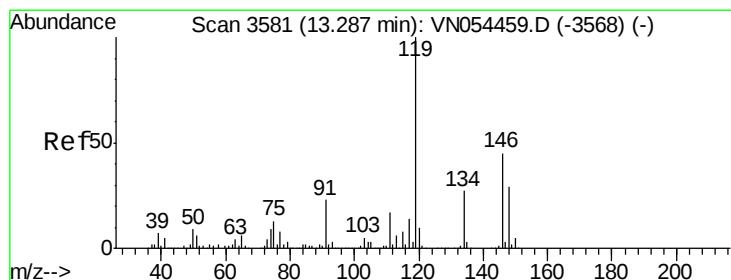
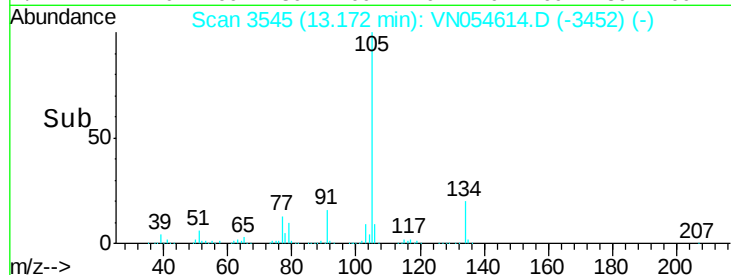
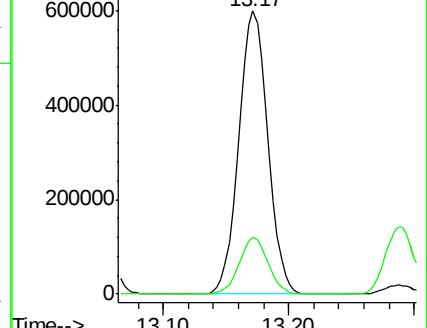
105 100

134 19.8 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.568 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

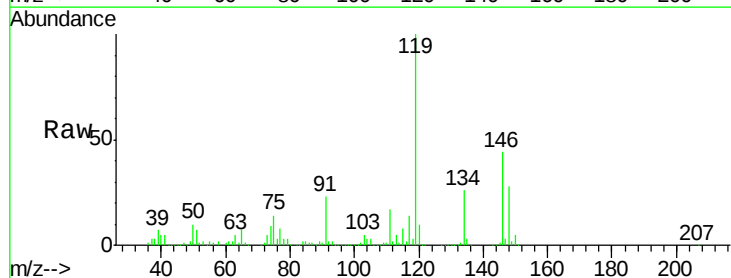
Tgt Ion:119 Resp: 859649

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

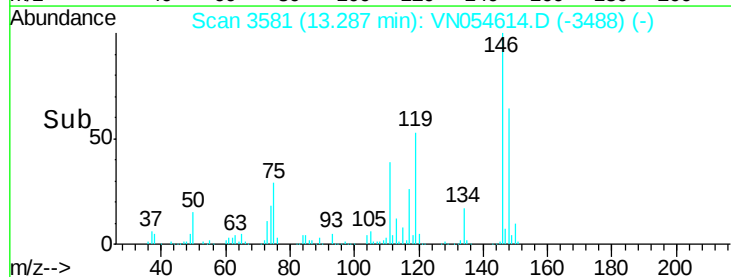
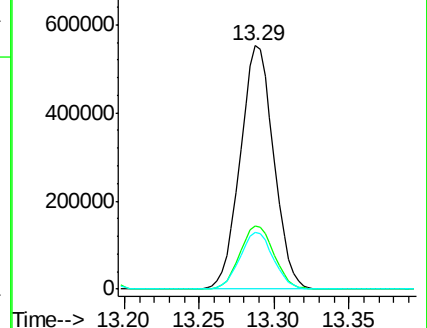
91 23.1 11.1 33.3

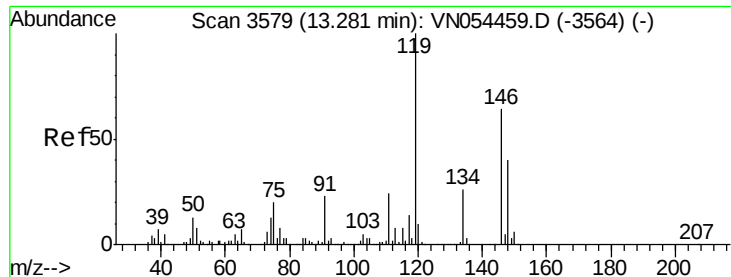


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.373 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

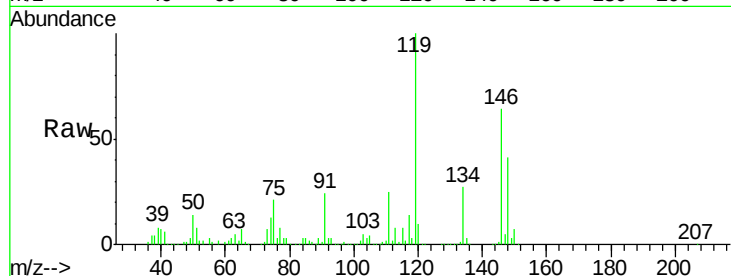
Tot Ion:146 Resp: 451582

Ion Ratio Lower Upper

146 100

111 39.7 18.8 56.3

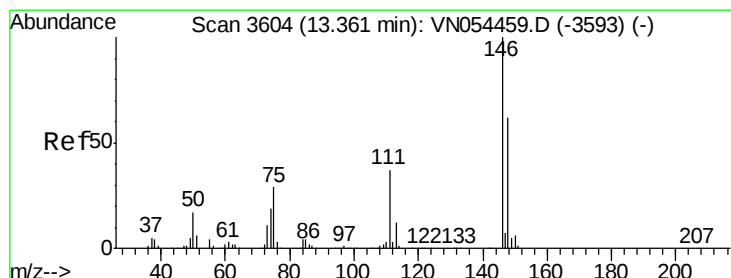
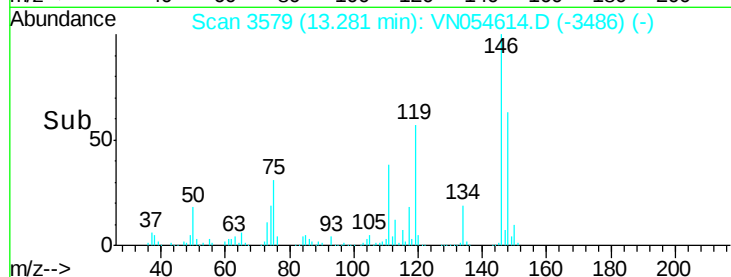
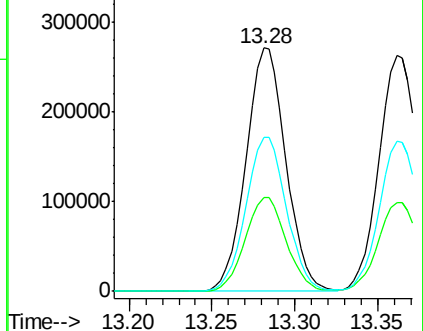
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.561 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN054614.D

Acq: 23 Mar 2019 19:39

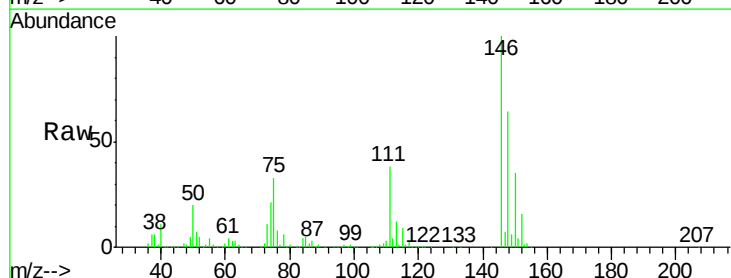
Tgt Ion:146 Resp: 441084

Ion Ratio Lower Upper

146 100

111 38.3 18.1 54.1

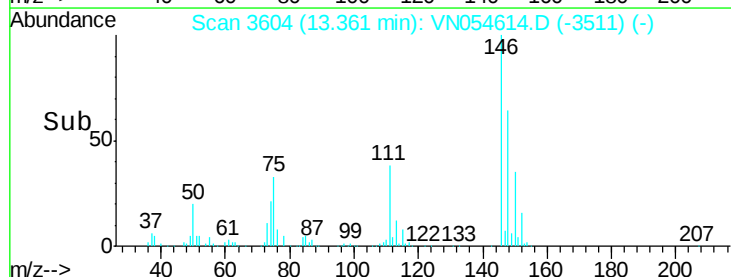
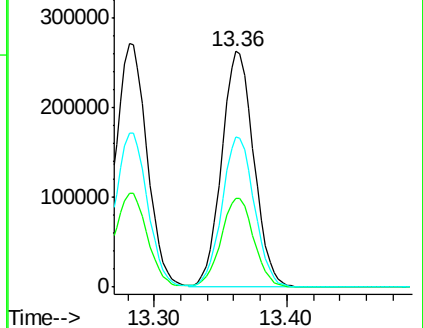
148 64.3 32.0 96.0

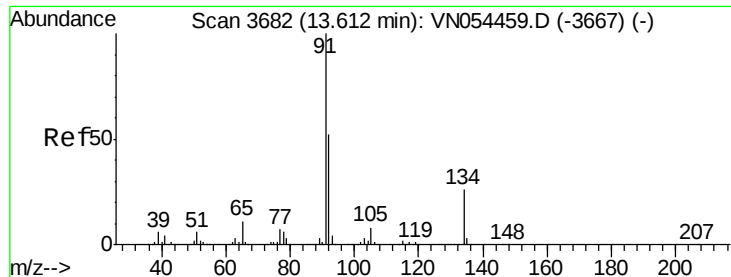


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

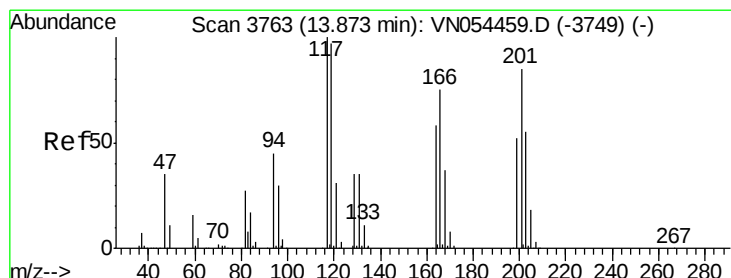
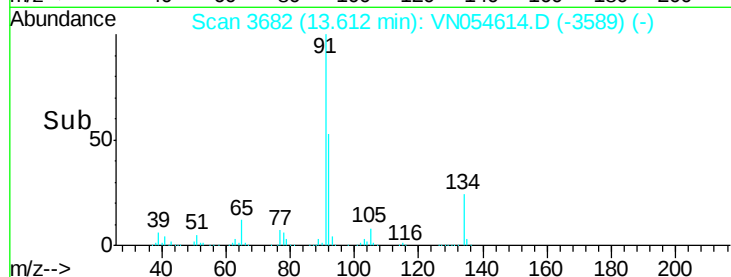
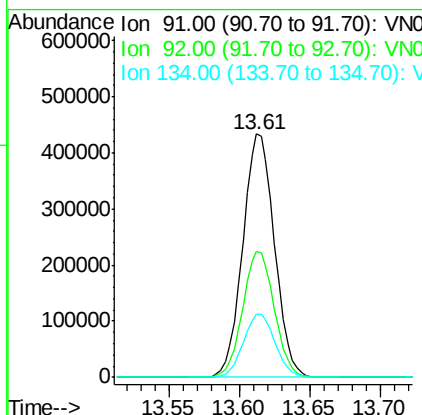
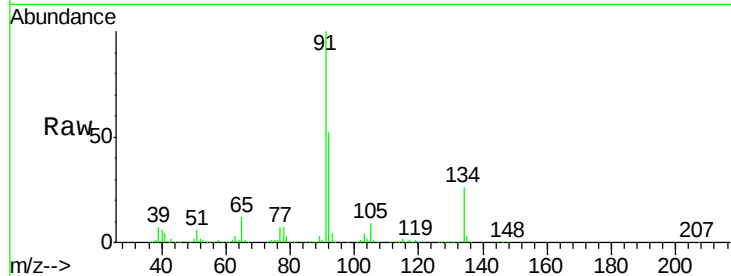




#89
n-Butylbenzene
Concen: 48.329 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

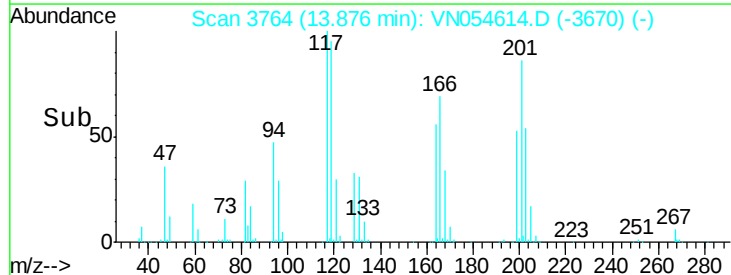
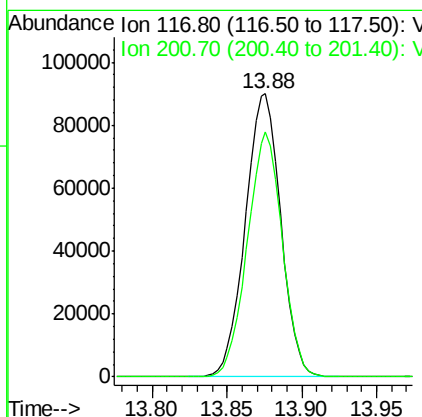
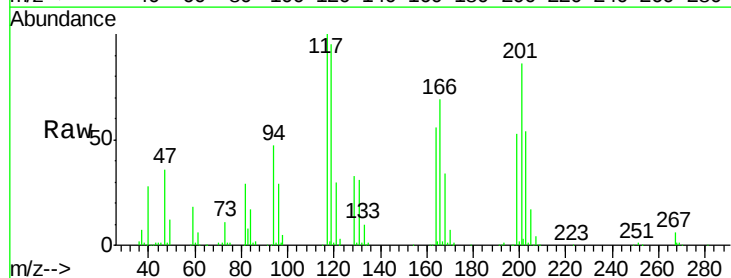
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

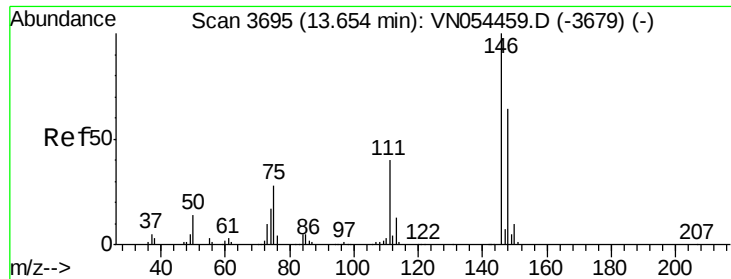
Tot Ion: 91 Resp: 682950
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.6
134 26.1 14.3 42.9



#90
Hexachloroethane
Concen: 52.903 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion: 117 Resp: 148404
Ion Ratio Lower Upper
117 100
201 85.0 48.1 144.4

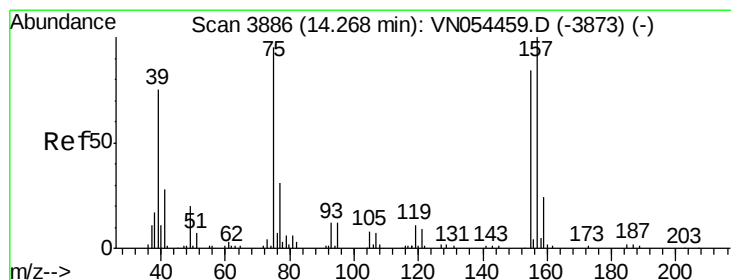
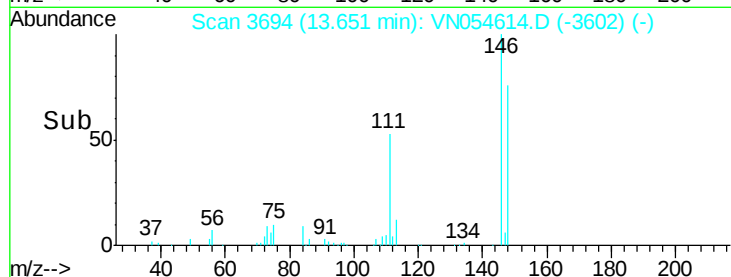
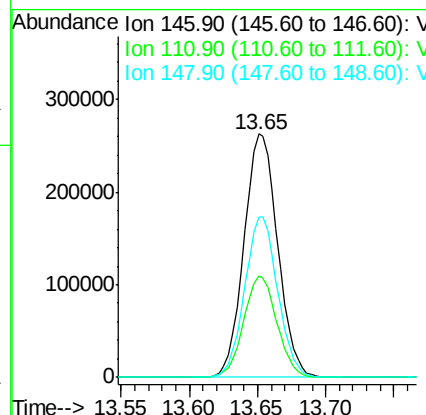
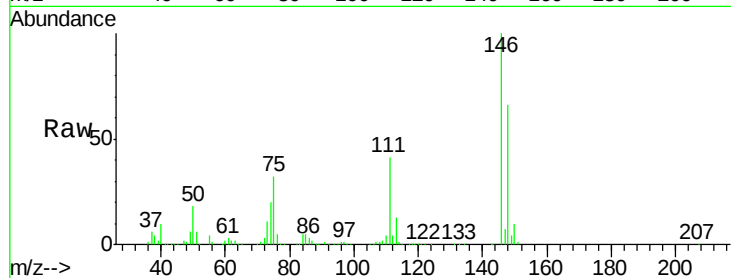




#91
 1,2-Dichlorobenzene
 Concen: 49.755 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

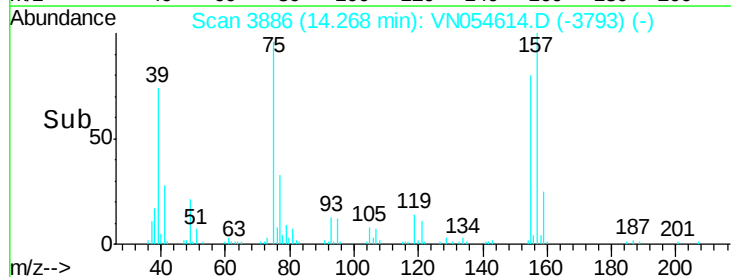
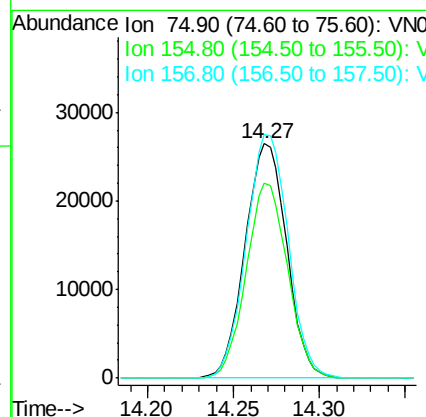
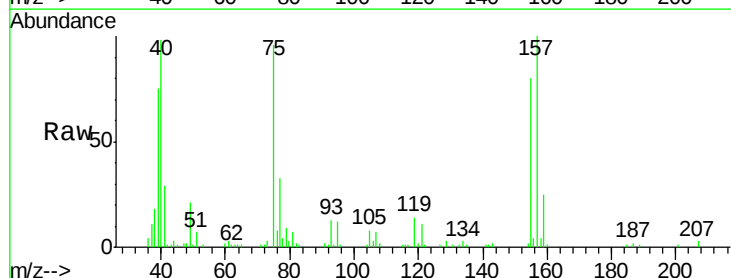
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

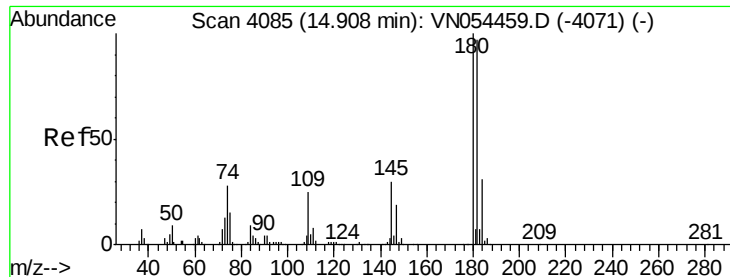
Tot Ion:146 Resp: 449893
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.1 57.3
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.557 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

Tgt Ion: 75 Resp: 44534
 Ion Ratio Lower Upper
 75 100
 155 82.2 50.1 150.3
 157 104.7 63.1 189.3

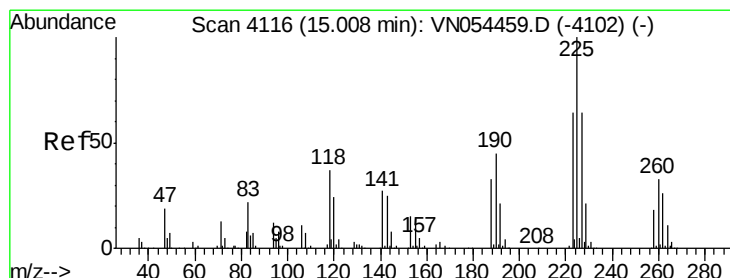
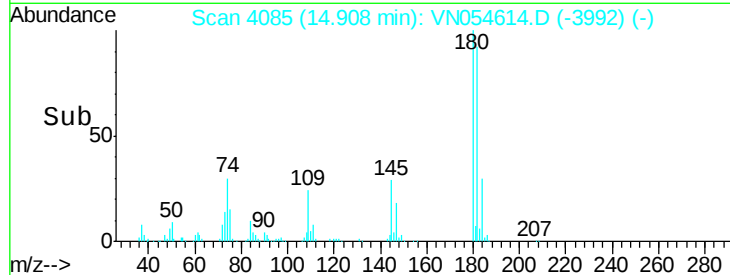
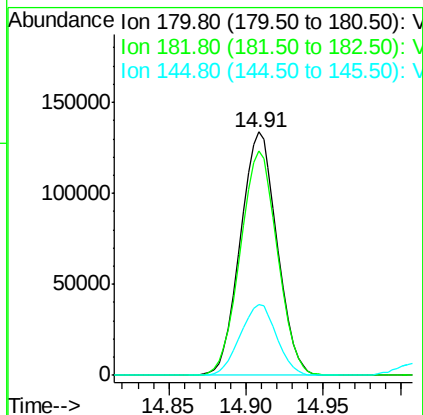
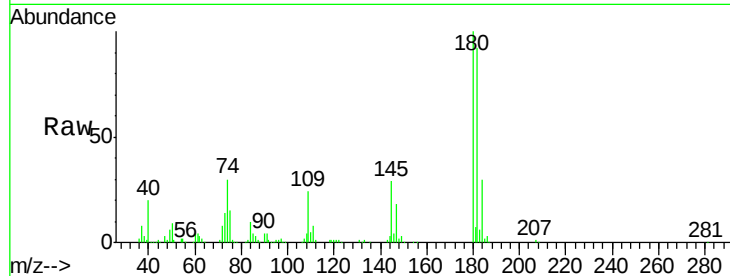




#93
 1,2,4-Trichlorobenzene
 Concen: 48.861 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

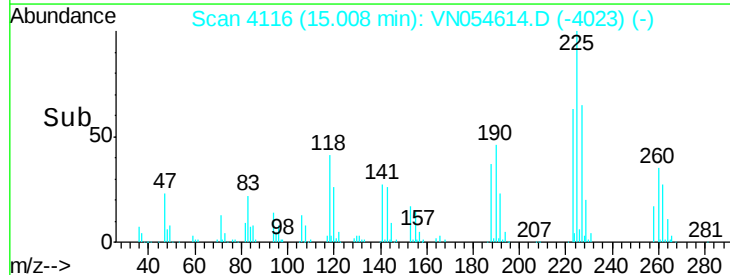
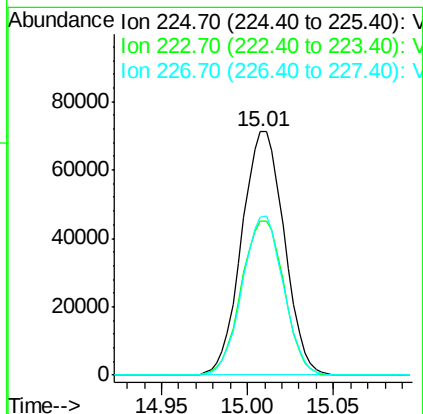
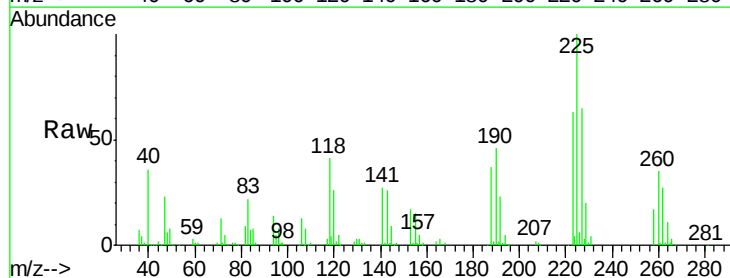
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

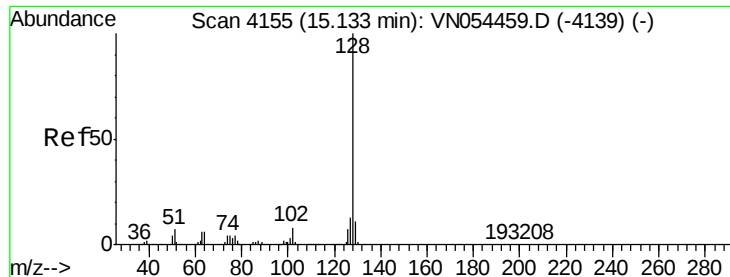
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.2
145	29.0	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 48.169 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054614.D
 Acq: 23 Mar 2019 19:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.5
227	63.4	31.9	95.9

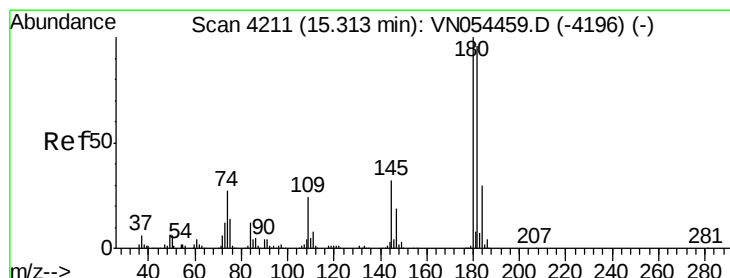
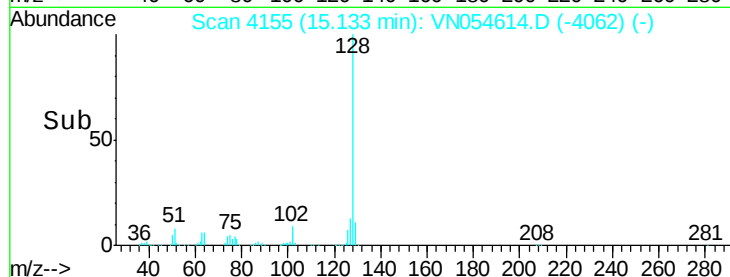
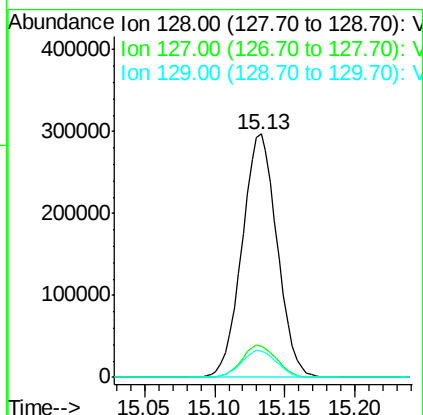
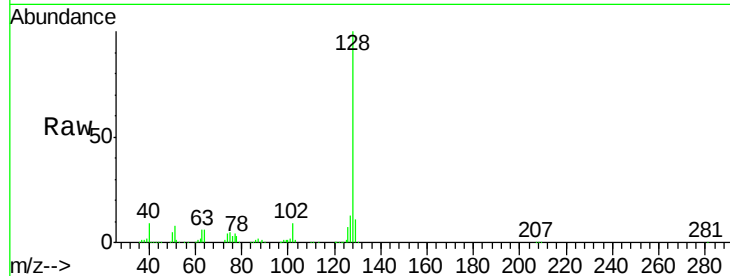




#95
Naphthalene
Concen: 51.366 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 516454
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.576 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN054614.D
Acq: 23 Mar 2019 19:39

Tgt Ion:180 Resp: 222411
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 30.2 14.8 44.3

