

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054571.D
 Acq On : 22 Mar 2019 21:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 23 02:35:38 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	440176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	736097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	645505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	282013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	310698	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.59	113	246402	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.09	98	907848	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	315860	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	219773	52.228	ug/l	99
3) Chloromethane	2.06	50	305898	53.429	ug/l	98
4) Vinyl Chloride	2.19	62	284608	49.513	ug/l	99
5) Bromomethane	2.57	94	162397	43.691	ug/l	98
6) Chloroethane	2.71	64	156296	45.333	ug/l	98
7) Trichlorofluoromethane	3.02	101	347544	49.786	ug/l	100
8) Diethyl Ether	3.41	74	122632	45.678	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	3.75	101	184000	44.850	ug/l	94
10) Methyl Iodide	3.94	142	273413	45.305	ug/l	92
11) Tert butyl alcohol	4.82	59	100091	301.957	ug/l	99
12) 1,1-Dichloroethene	3.73	96	184407	43.434	ug/l #	75
13) Acrolein	3.61	56	106941	233.783	ug/l	100
14) Allyl chloride	4.32	41	430783	53.883	ug/l #	91
15) Acrylonitrile	5.00	53	498204	301.812	ug/l	100
16) Acetone	3.82	43	363459	220.802	ug/l #	83
17) Carbon Disulfide	4.04	76	528055	46.419	ug/l	99
18) Methyl Acetate	4.33	43	219058	59.706	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	680577	54.927	ug/l	95
20) Methylene Chloride	4.55	84	246738	50.849	ug/l #	82
21) trans-1,2-Dichloroethene	5.03	96	230819	53.242	ug/l #	82
22) Diisopropyl ether	5.96	45	896869	56.873	ug/l #	94
23) Vinyl Acetate	5.90	43	3339207	299.813	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	468007	55.119	ug/l	98
25) 2-Butanone	6.85	43	629106	298.348	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	293321	48.461	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	269539	52.125	ug/l	87
28) Bromochloromethane	7.19	49	236226	56.521	ug/l #	72
29) Tetrahydrofuran	7.22	42	432182	315.838	ug/l #	84
30) Chloroform	7.37	83	453532	54.732	ug/l	100
31) Cyclohexane	7.65	56	430836	53.068	ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	372891	54.546	ug/l	95
36) 1,1-Dichloropropene	7.79	75	342081	49.703	ug/l	95
37) Ethyl Acetate	6.94	43	282483	57.707	ug/l #	94
38) Carbon Tetrachloride	7.77	117	325506	48.668	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	367490	46.678	ug/l	90
40) Benzene	8.04	78	1000034	50.812	ug/l	100
41) Methacrylonitrile	7.18	41	158157	52.978	ug/l	89
42) 1,2-Dichloroethane	8.12	62	368886	51.467	ug/l	97
43) Isopropyl Acetate	8.17	43	473064	57.222	ug/l #	94
44) Trichloroethene	8.83	130	264316	48.306	ug/l	92
45) 1,2-Dichloropropane	9.12	63	284515	53.837	ug/l	99
46) Dibromomethane	9.21	93	168290	53.378	ug/l	88
47) Bromodichloromethane	9.40	83	344842	52.703	ug/l	96
48) Methyl methacrylate	9.20	41	249748	55.659	ug/l	87
49) 1,4-Dioxane	9.20	88	55192	1100.248	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	1376213	300.372	ug/l	94
52) Toluene	10.16	92	608491	50.269	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	332769	48.291	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	398222	53.080	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	230541	52.983	ug/l	97
56) Ethyl methacrylate	10.43	69	322726	55.259	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	404441	53.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	652612	271.371	ug/l	90
59) 2-Hexanone	10.75	43	877830	293.323	ug/l	91
60) Dibromochloromethane	10.90	129	243957	52.689	ug/l	99
61) 1,2-Dibromoethane	11.01	107	226884	52.743	ug/l	100
64) Tetrachloroethene	10.63	164	252004	47.067	ug/l	96
65) Chlorobenzene	11.43	112	643739	49.033	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	245042	52.000	ug/l	99
67) Ethyl Benzene	11.51	91	1148270	49.513	ug/l	98
68) m/p-Xylenes	11.62	106	863517	98.303	ug/l	96
69) o-Xylene	11.95	106	419760	48.931	ug/l	96
70) Styrene	11.96	104	710630	51.010	ug/l	97
71) Bromoform	12.13	173	152963	47.212	ug/l #	99
73) Isopropylbenzene	12.25	105	1110148	48.851	ug/l	98
74) N-amyl acetate	12.07	43	393716	60.254	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	290681	56.034	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	348136	77.794	ug/l #	100
77) Bromobenzene	12.53	156	277931	49.312	ug/l	85
78) n-propylbenzene	12.59	91	1223440	49.648	ug/l	96
79) 2-Chlorotoluene	12.67	91	752656	48.979	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	913378	49.040	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	63298	48.840	ug/l #	81
82) 4-Chlorotoluene	12.77	91	741464	49.778	ug/l	96
83) tert-Butylbenzene	12.99	119	795110	49.044	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	901960	49.354	ug/l	98
85) sec-Butylbenzene	13.17	105	987856	48.879	ug/l	97
86) p-Isopropyltoluene	13.29	119	876810	48.493	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	463655	49.642	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	449194	49.430	ug/l	98
89) n-Butylbenzene	13.61	91	709407	50.177	ug/l	97
90) Hexachloroethane	13.87	117	145765	51.937	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	457604	50.583	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44827	58.913	ug/l	83

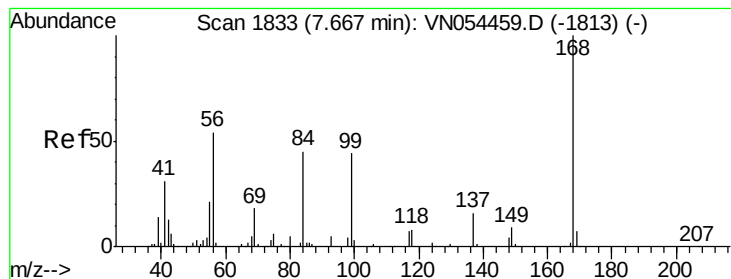
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	226400	50.202	ug/l	100
94) Hexachlorobutadiene	15.01	225	123642	48.734	ug/l	98
95) Naphthalene	15.13	128	544339	54.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	231248	51.520	ug/l	99

(#) = 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: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

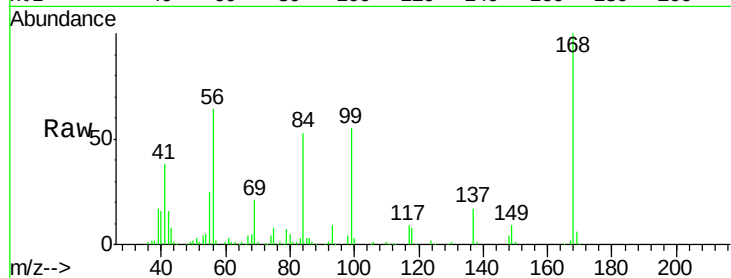
VSTDCCC050

Tot Ion:168 Resp: 440176

Ion Ratio Lower Upper

168 100

99 54.2 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

200000

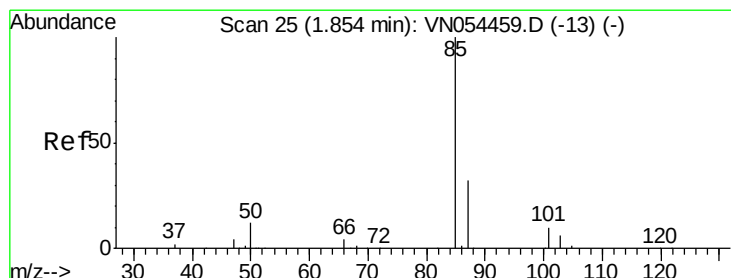
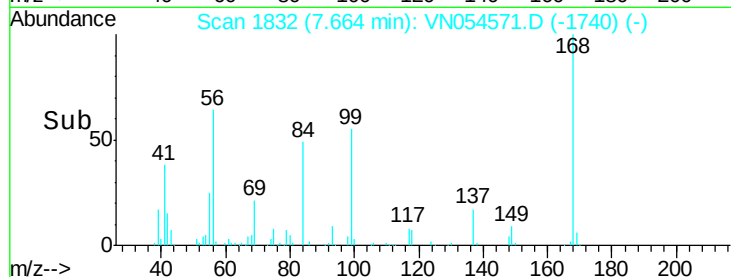
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.228 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054571.D

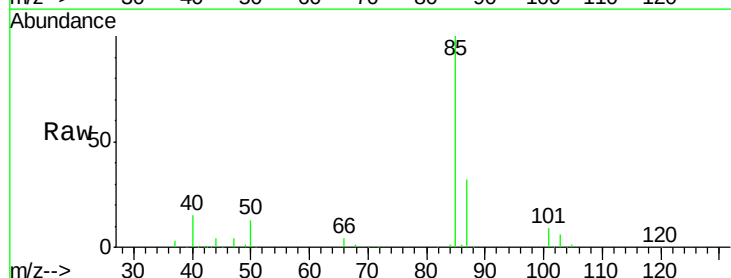
Acq: 22 Mar 2019 21:45

Tgt Ion: 85 Resp: 219773

Ion Ratio Lower Upper

85 100

87 32.1 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

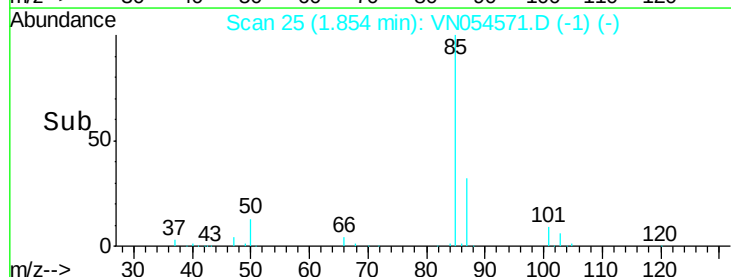
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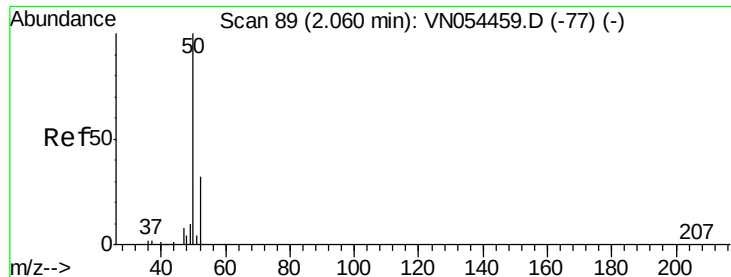
100000

50000

0

Time-->





#3

Chloromethane

Concen: 53.429 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

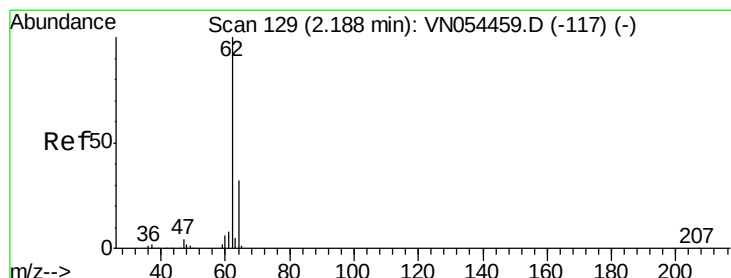
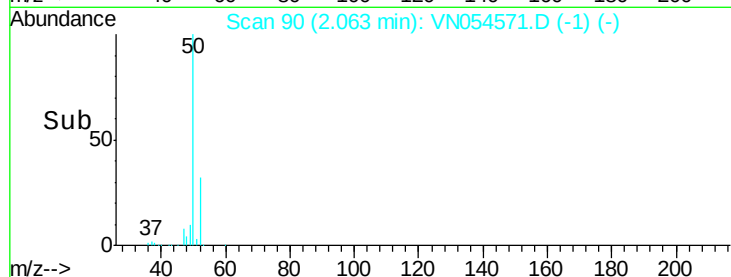
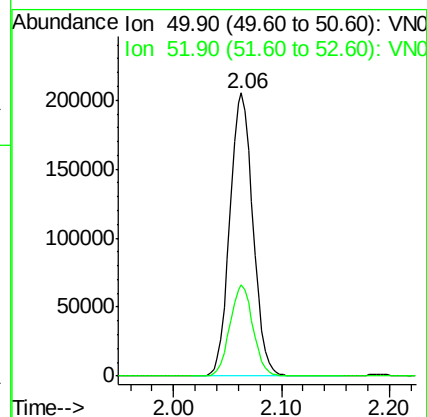
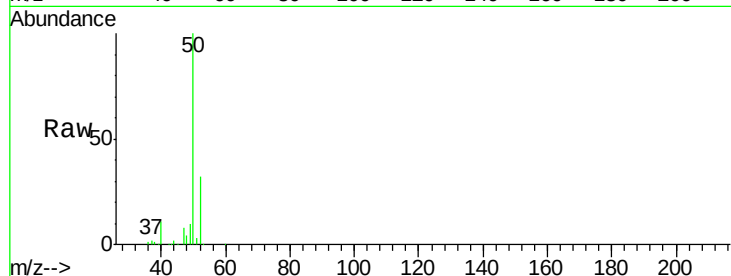
VSTDCCC050

Tot Ion: 50 Resp: 305898

Ion Ratio Lower Upper

50 100

52 32.1 26.4 39.6



#4

Vinyl Chloride

Concen: 49.513 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054571.D

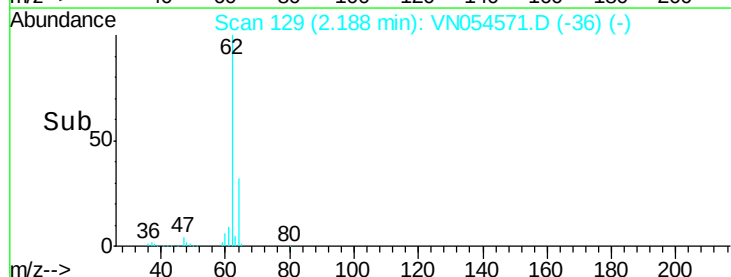
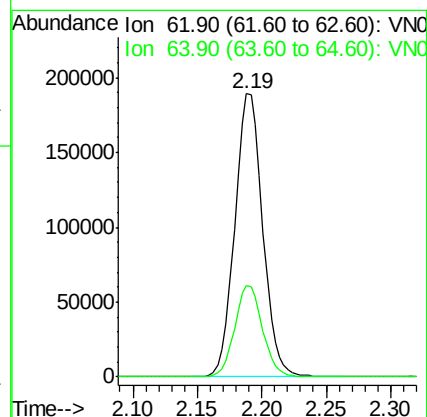
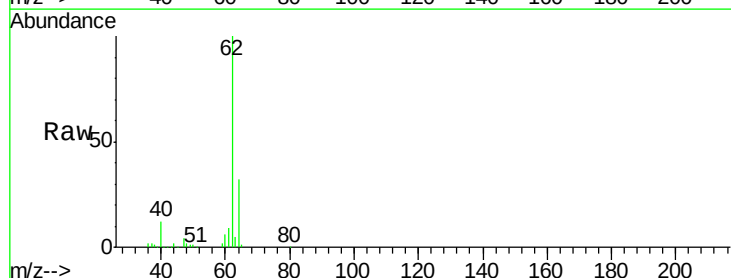
Acq: 22 Mar 2019 21:45

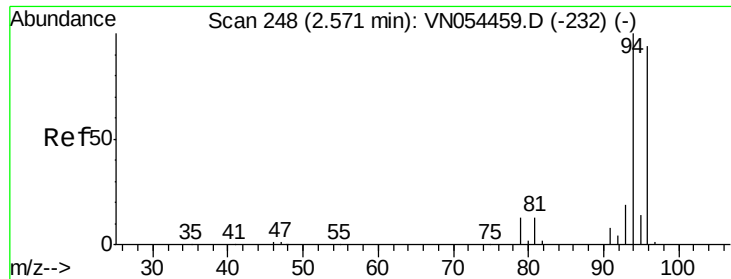
Tgt Ion: 62 Resp: 284608

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 43.691 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

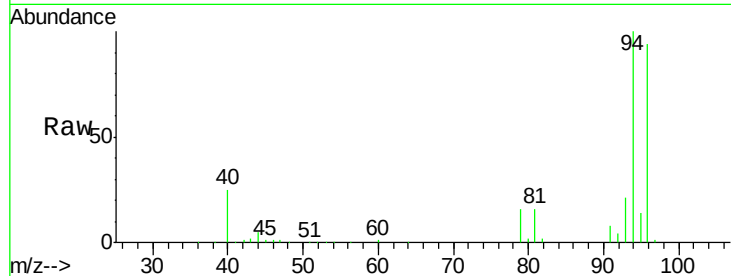
VSTDCCC050

Tot Ion: 94 Resp: 162397

Ion Ratio Lower Upper

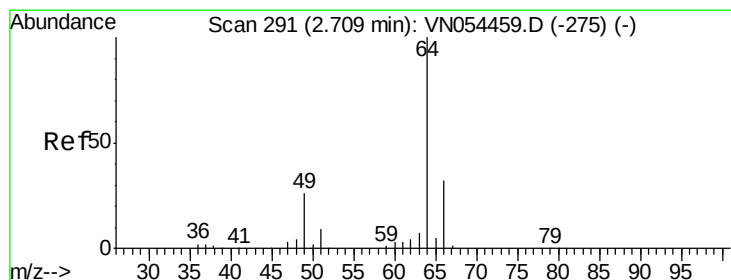
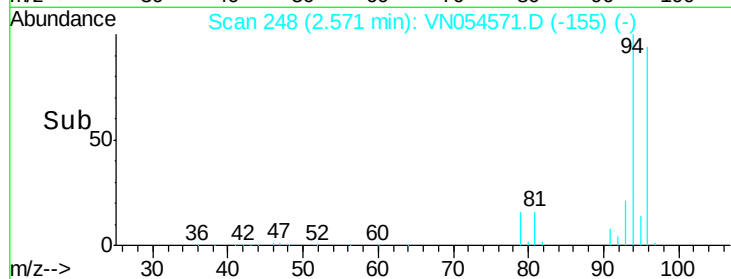
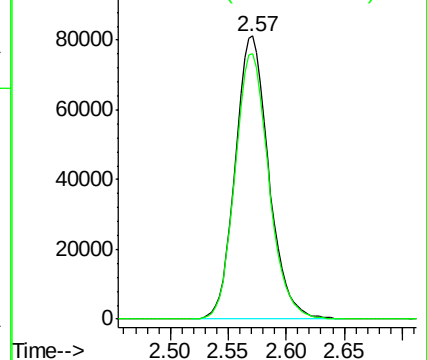
94 100

96 93.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 45.333 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN054571.D

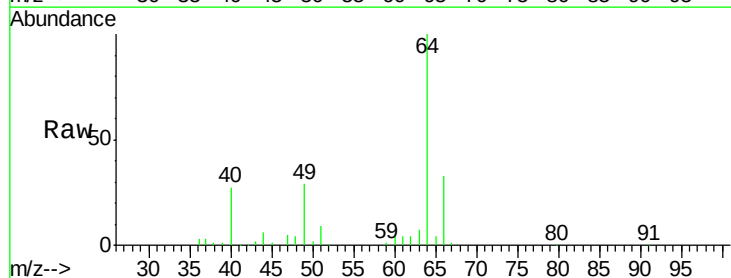
Acq: 22 Mar 2019 21:45

Tgt Ion: 64 Resp: 156296

Ion Ratio Lower Upper

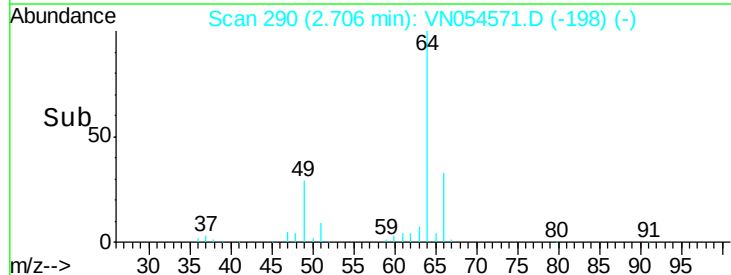
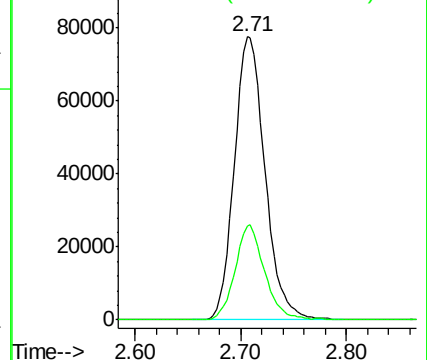
64 100

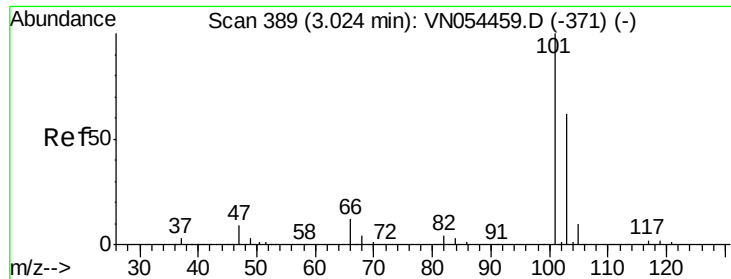
66 33.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



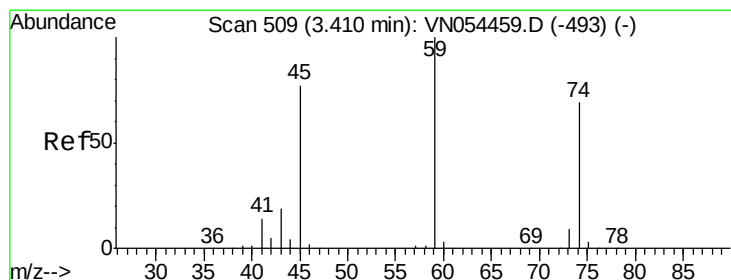
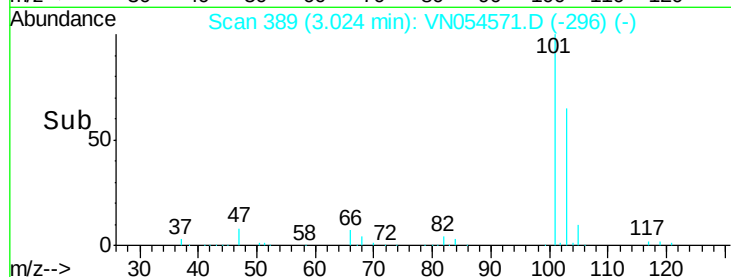
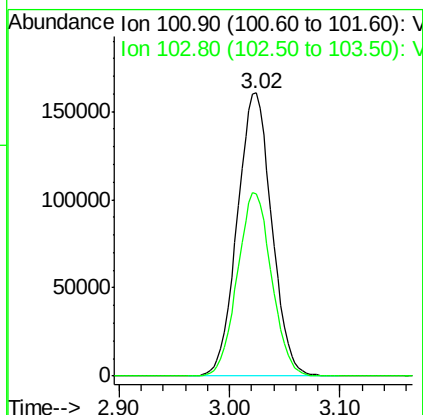
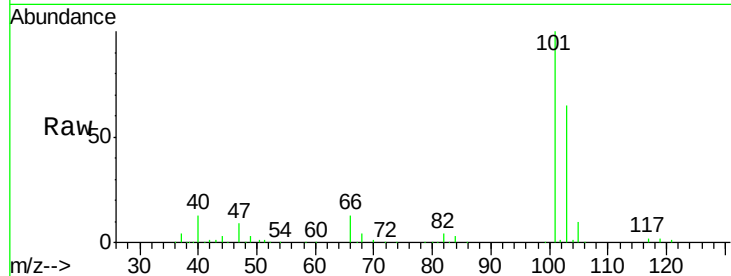


#7

Trichlorofluoromethane
 Concen: 49.786 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Instrument :
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 VSTDCCC050

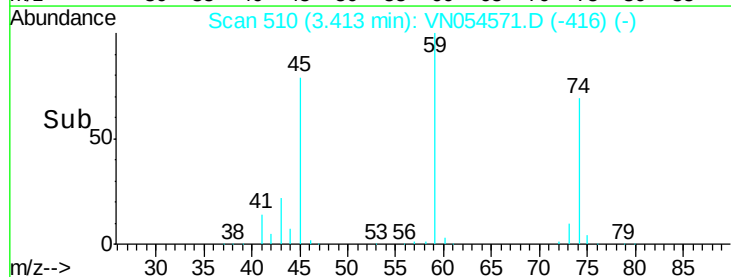
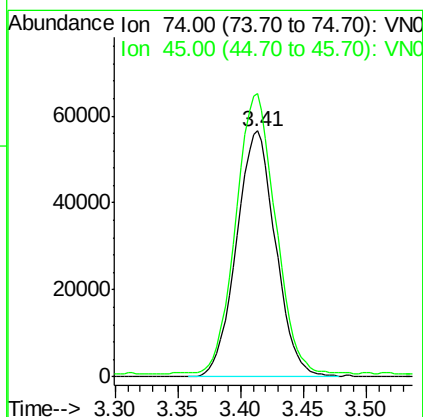
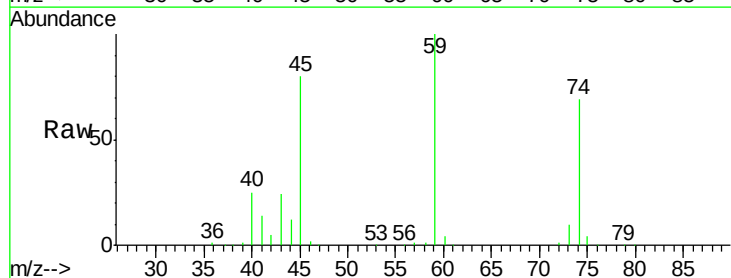
Tot Ion:101 Resp: 347544
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

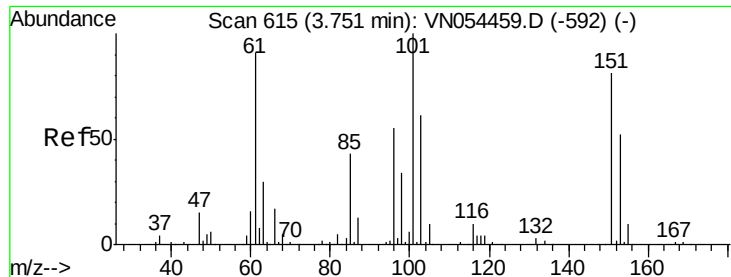


#8

Diethyl Ether
 Concen: 45.678 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 74 Resp: 122632
 Ion Ratio Lower Upper
 74 100
 45 116.3 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.850 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

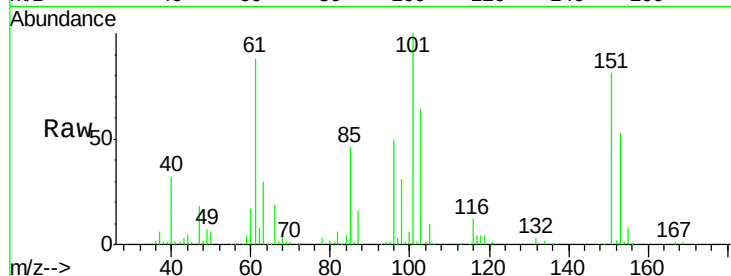
Tot Ion:101 Resp: 184000

Ion Ratio Lower Upper

101 100

85 44.1 32.4 48.6

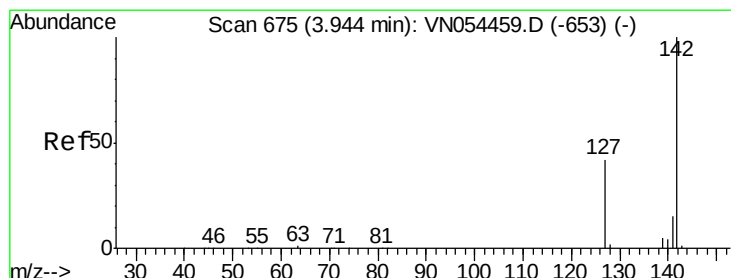
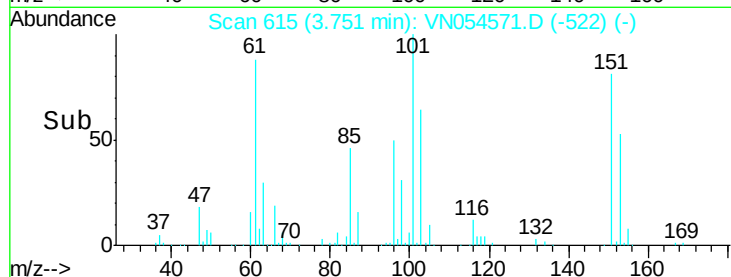
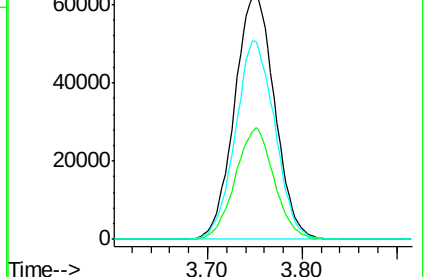
151 79.7 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.305 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

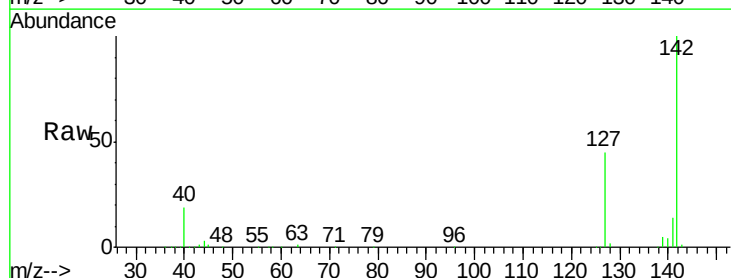
Tgt Ion:142 Resp: 273413

Ion Ratio Lower Upper

142 100

127 44.7 30.3 45.5

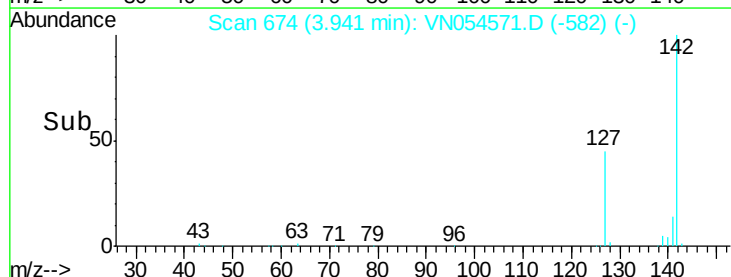
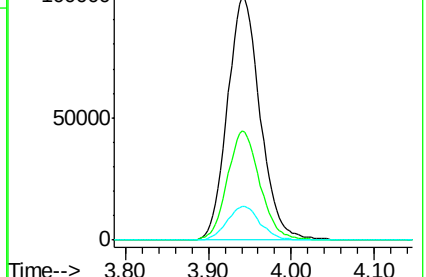
141 14.1 11.2 16.8

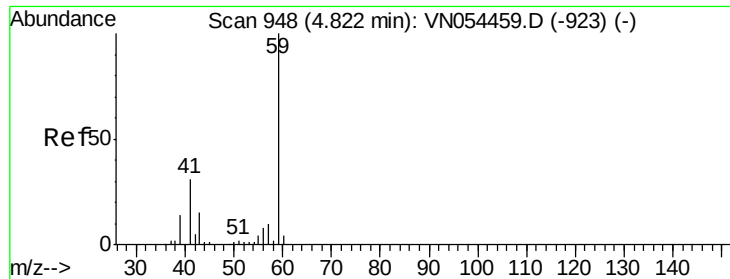


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



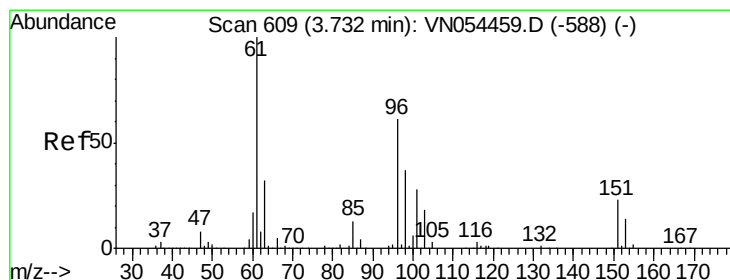
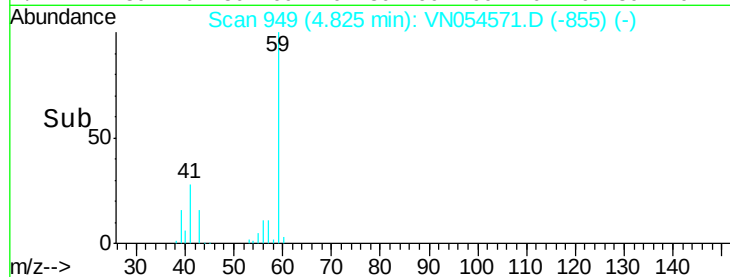
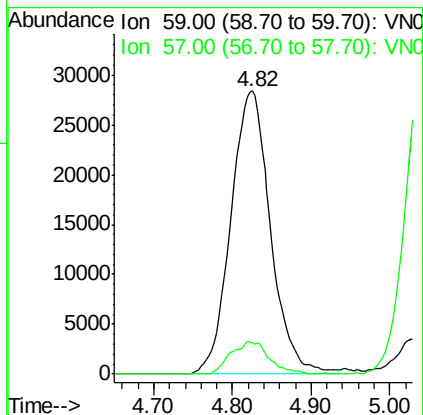
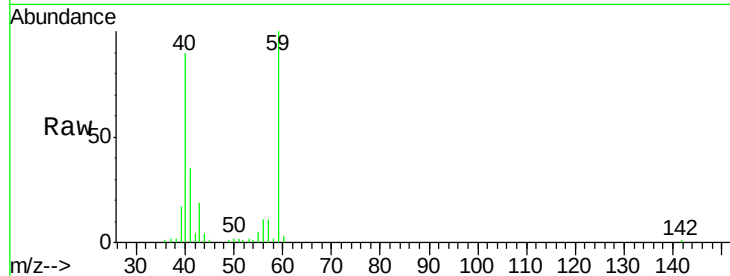


#11

Tert butyl alcohol
 Concen: 301.957 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

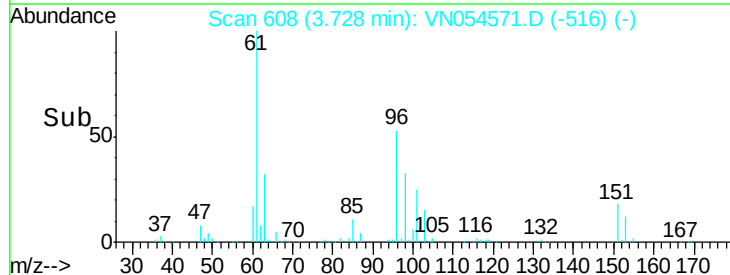
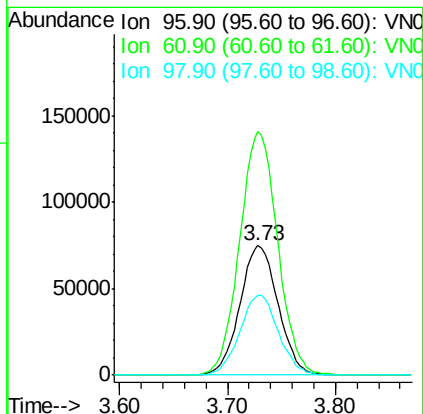
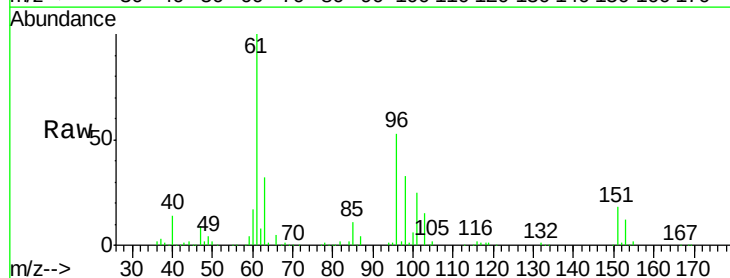
Tot Ion: 59 Resp: 100091
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.0 13.6

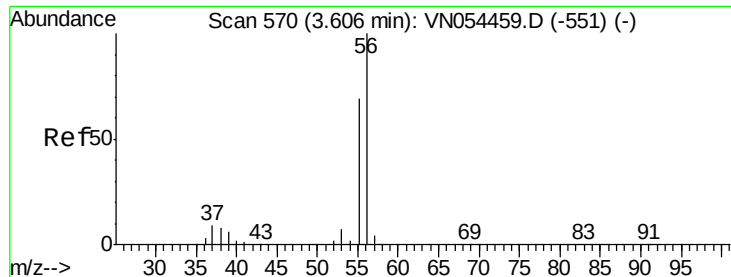


#12

1,1-Dichloroethene
 Concen: 43.434 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 96 Resp: 184407
 Ion Ratio Lower Upper
 96 100
 61 188.1 116.5 174.7#
 98 61.4 51.0 76.4

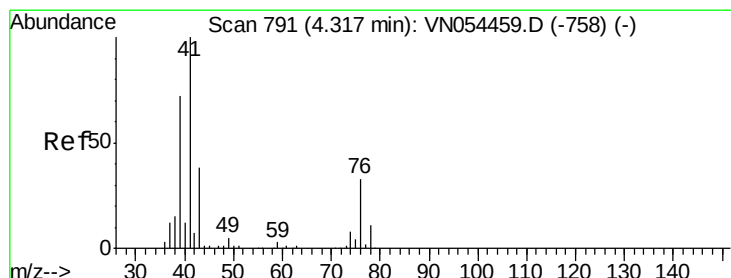
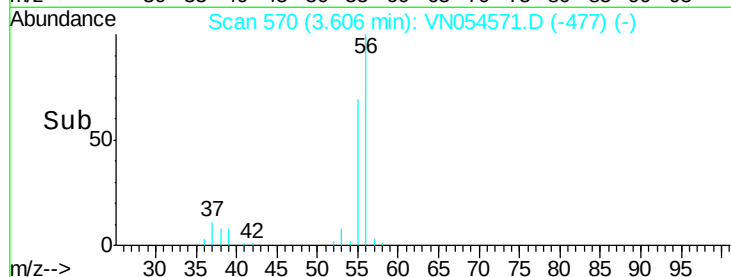
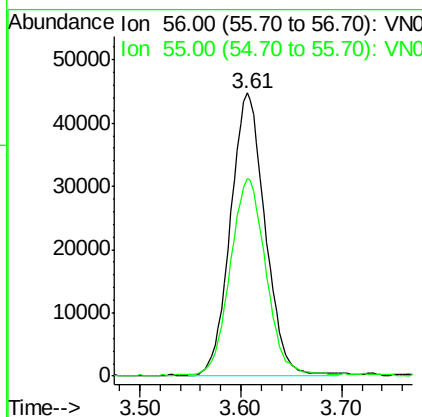
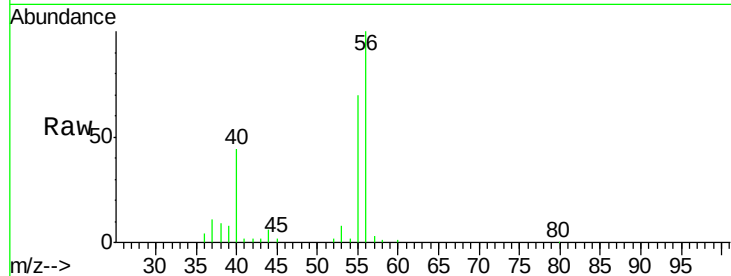




#13
 Acrolein
 Concen: 233.783 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

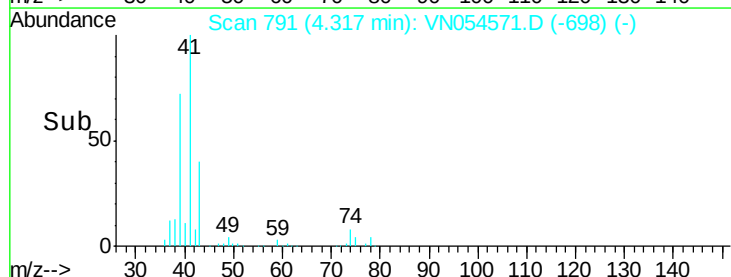
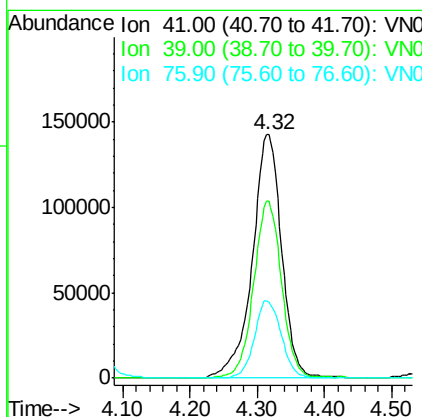
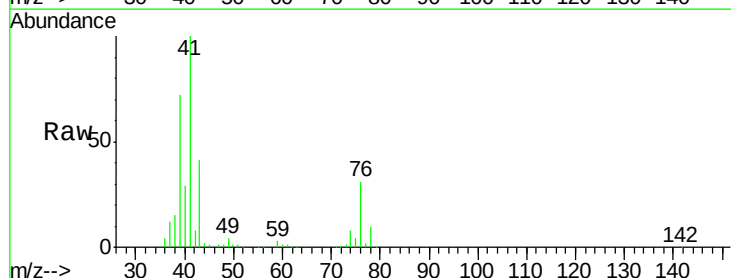
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

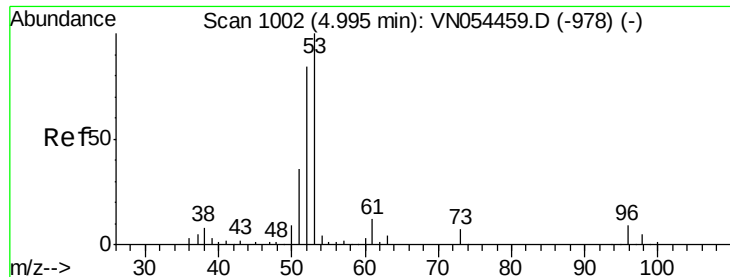
Tot Ion: 56 Resp: 106941
 Ion Ratio Lower Upper
 56 100
 55 70.6 56.7 85.1



#14
 Allyl chloride
 Concen: 53.883 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 41 Resp: 430783
 Ion Ratio Lower Upper
 41 100
 39 69.4 58.2 87.4
 76 29.2 31.7 47.5#

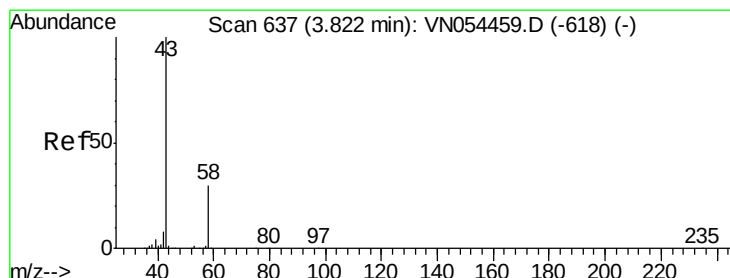
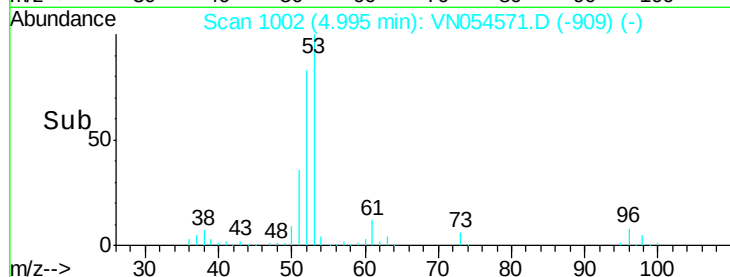
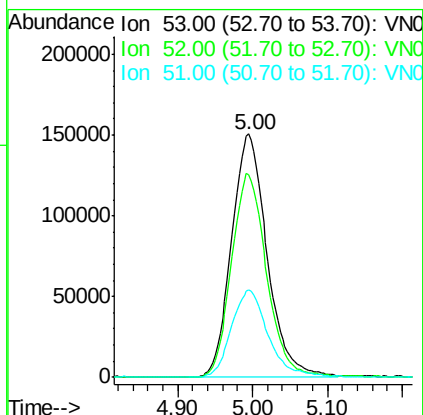
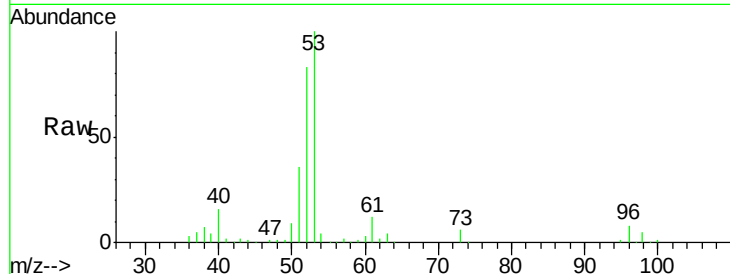




#15
 Acrylonitrile
 Concen: 301.812 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

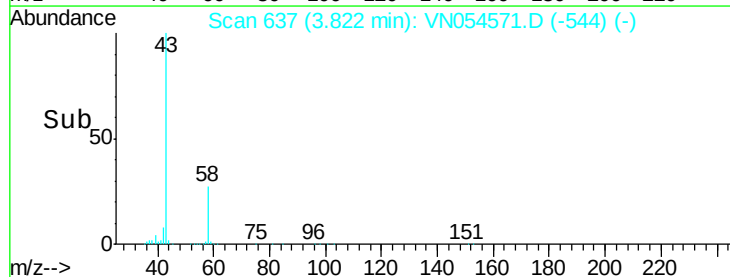
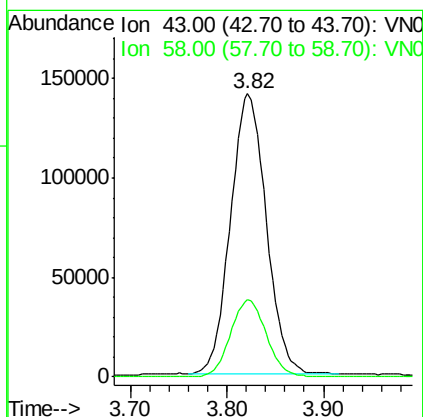
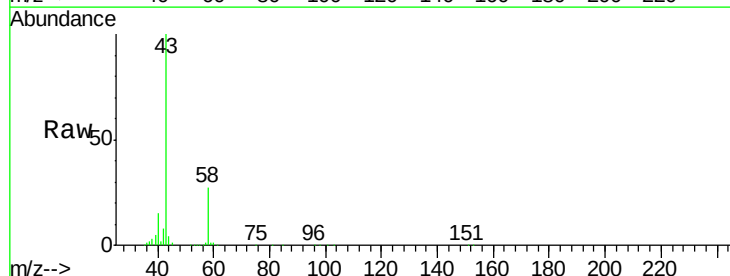
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

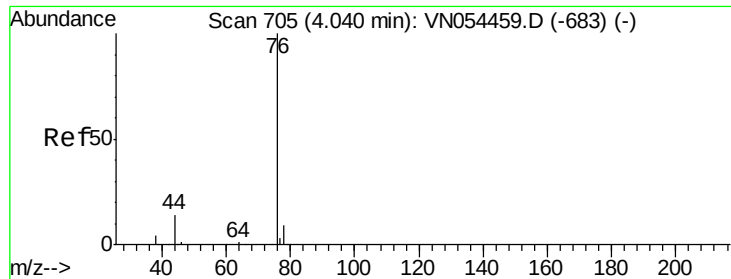
Tot Ion: 53 Resp: 498204
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.4 99.6
 51 36.9 29.6 44.4



#16
 Acetone
 Concen: 220.802 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 43 Resp: 363459
 Ion Ratio Lower Upper
 43 100
 58 27.3 29.9 44.9#

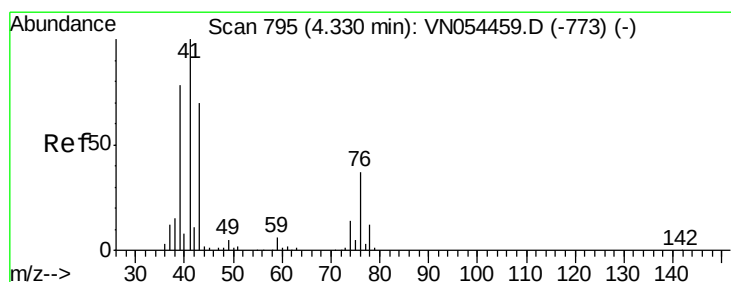
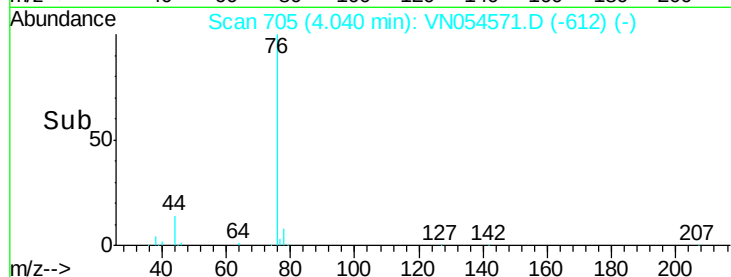
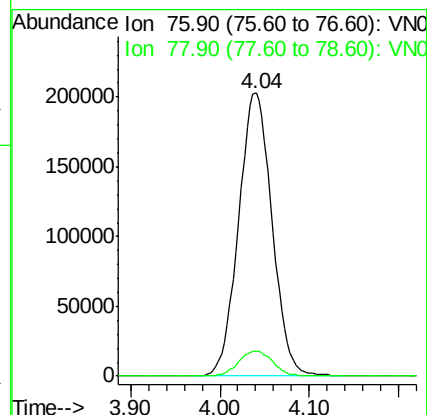
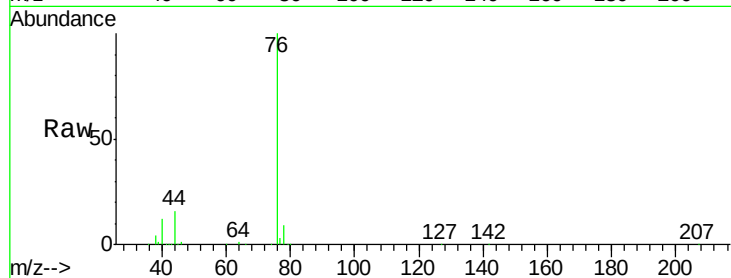




#17
Carbon Disulfide
Concen: 46.419 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

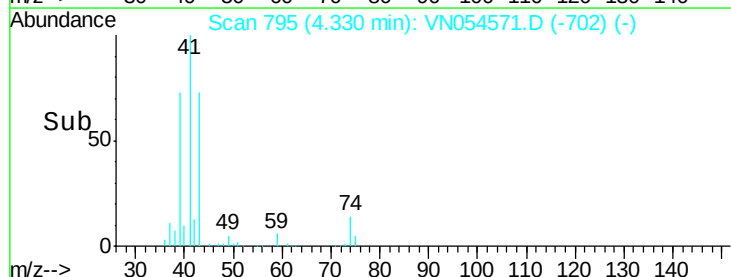
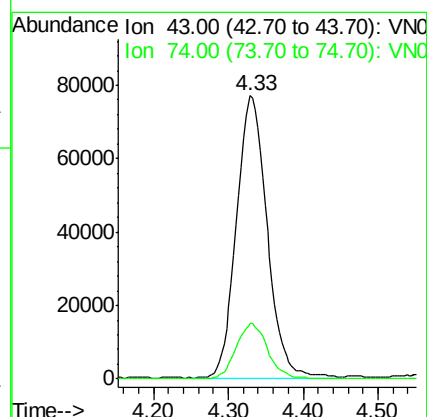
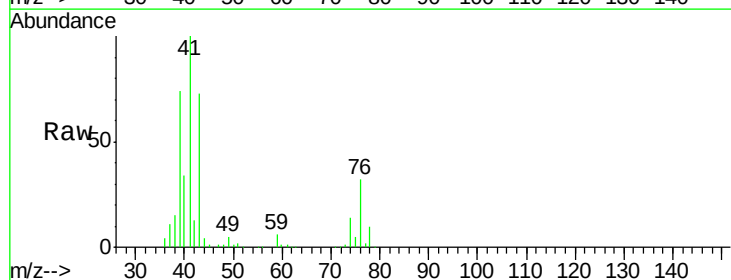
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

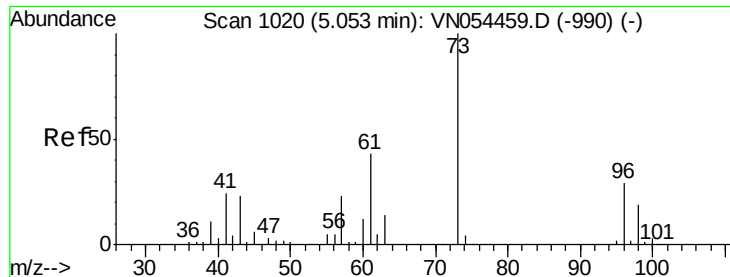
Tot Ion: 76 Resp: 528055
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 59.706 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 43 Resp: 219058
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#

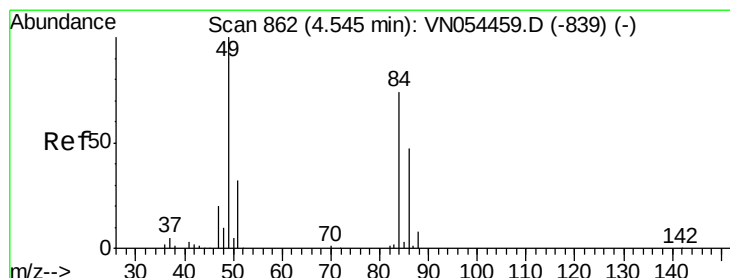
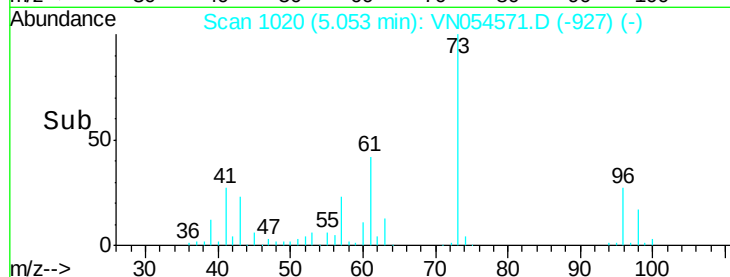
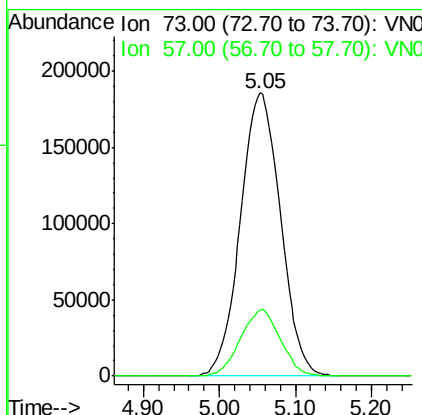
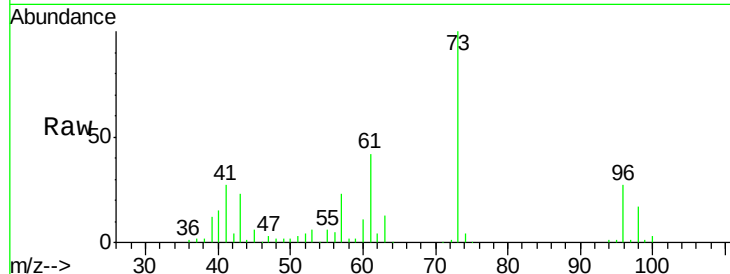




#19
Methvl tert-butvl Ether
Concen: 54.927 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

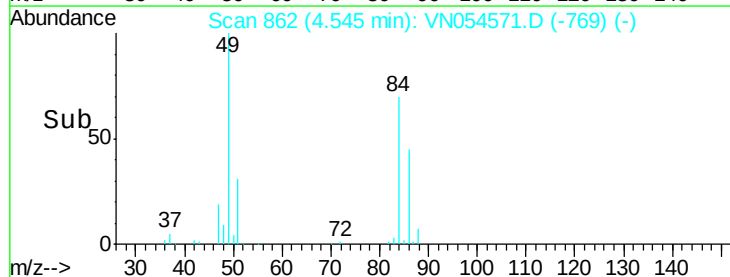
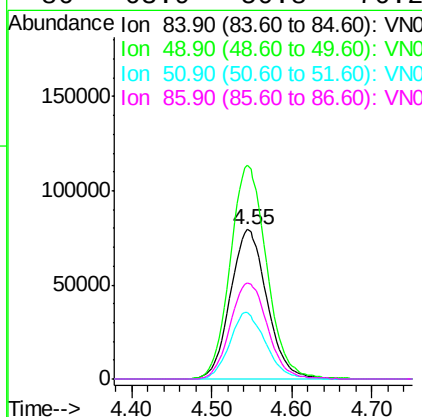
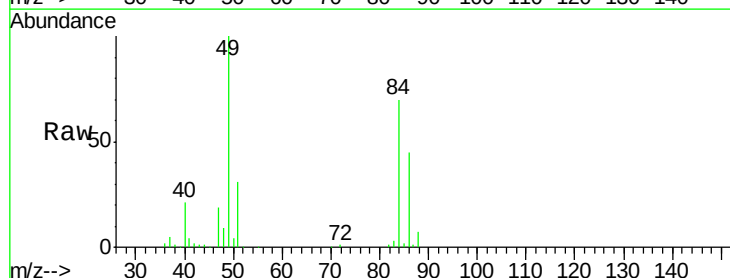
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

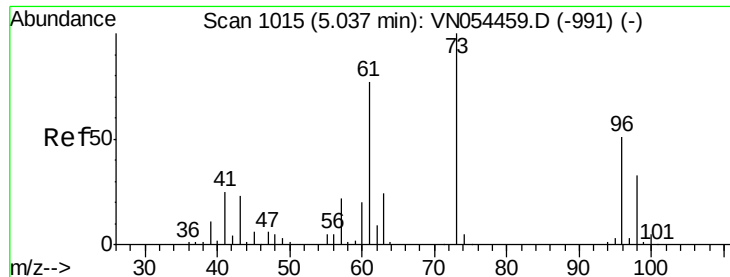
Tot Ion: 73 Resp: 680577
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2



#20
Methylene Chloride
Concen: 50.849 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 84 Resp: 246738
Ion Ratio Lower Upper
84 100
49 142.8 89.7 134.5#
51 44.3 28.2 42.4#
86 63.9 50.8 76.2

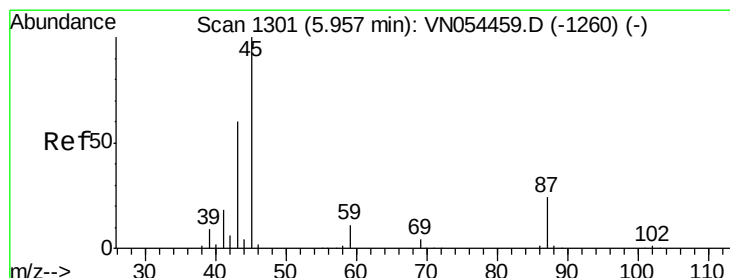
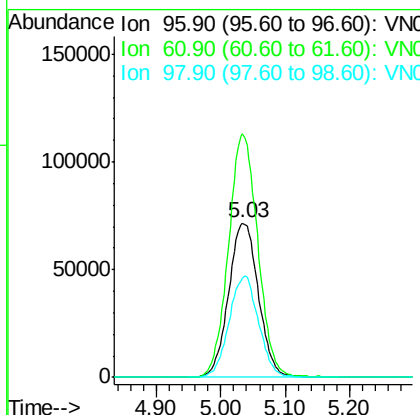
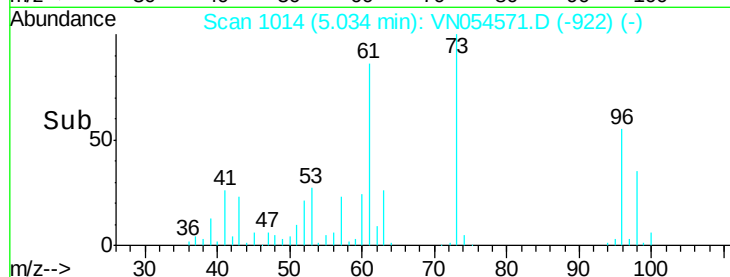
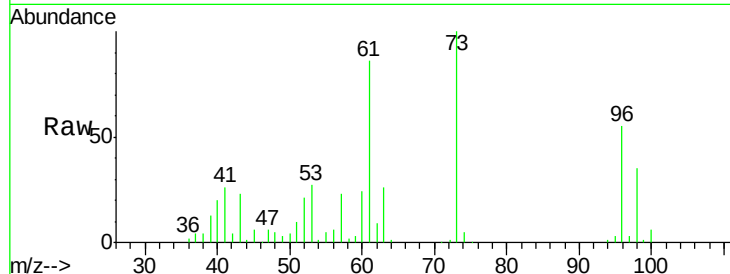




#21
trans-1,2-Dichloroethene
Concen: 53.242 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

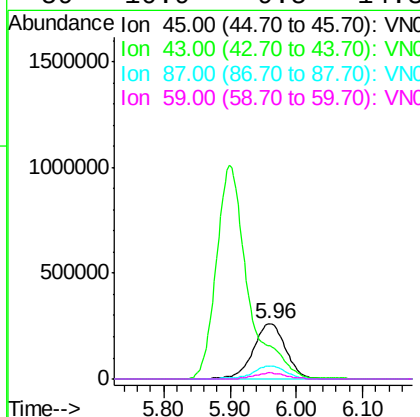
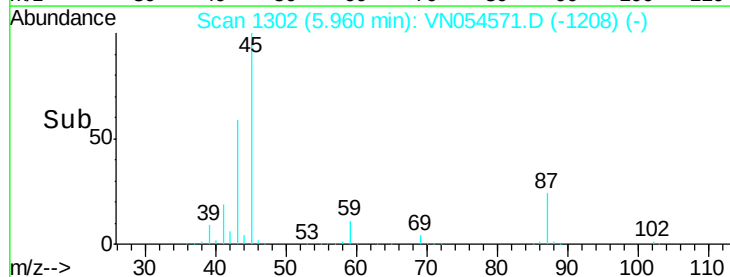
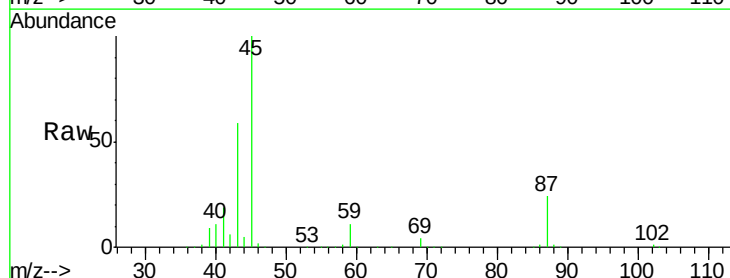
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

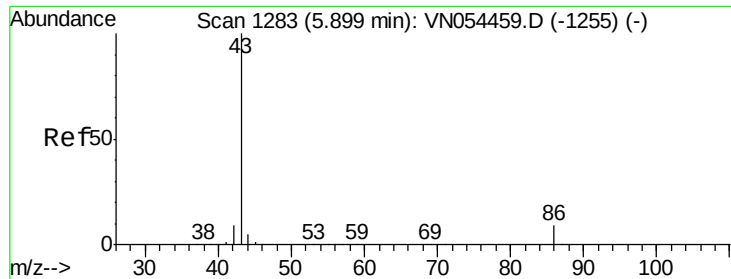
Tot Ion: 96 Resp: 230819
Ion Ratio Lower Upper
96 100
61 157.8 102.8 154.2#
98 64.5 50.0 75.0



#22
Diisopropyl ether
Concen: 56.873 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 45 Resp: 896869
Ion Ratio Lower Upper
45 100
43 57.7 48.2 72.2
87 23.5 24.9 37.3#
59 10.9 9.5 14.3





#23

Vinyl Acetate

Concen: 299.813 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

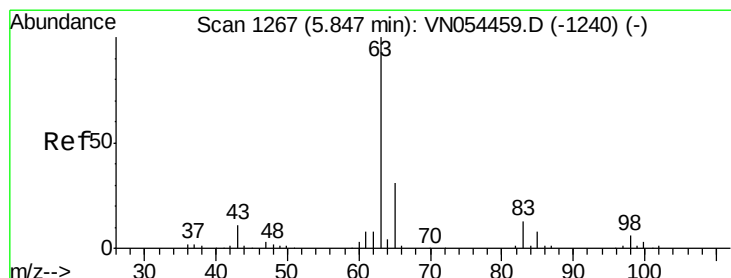
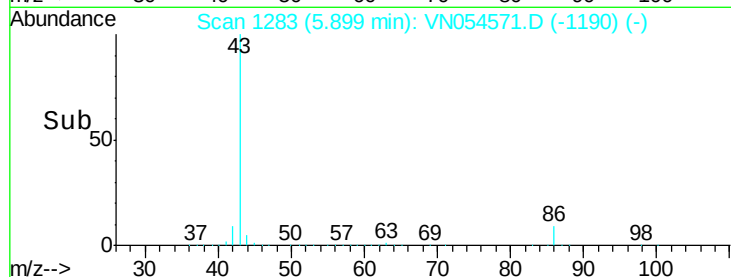
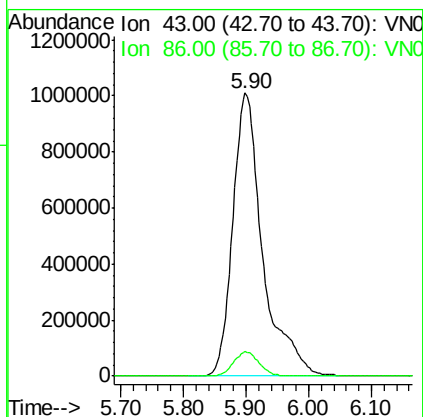
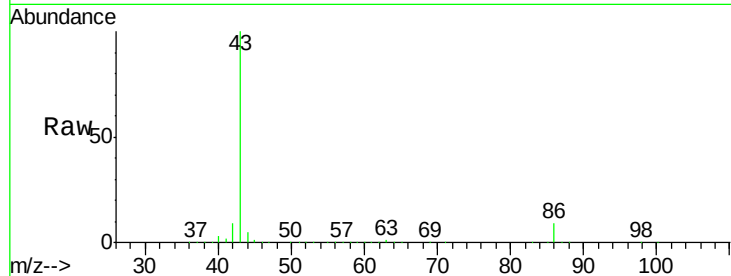
VSTDCCC050

Tot Ion: 43 Resp: 3339207

Ion Ratio Lower Upper

43 100

86 8.6 9.1 13.7#



#24

1,1-Dichloroethane

Concen: 55.119 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

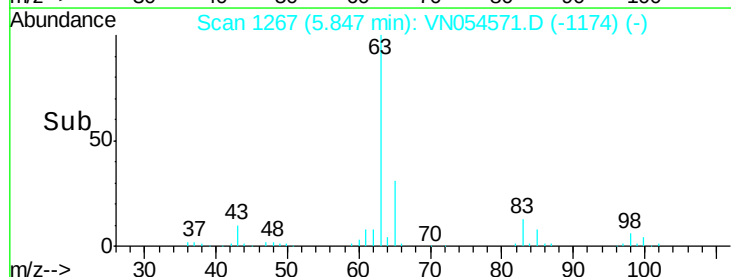
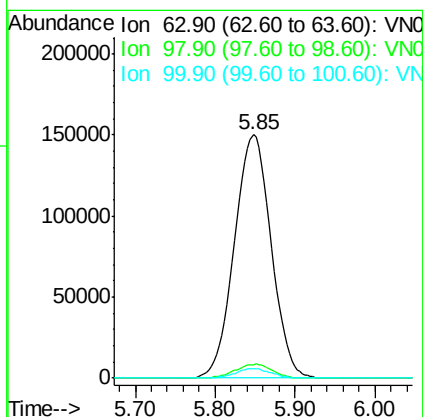
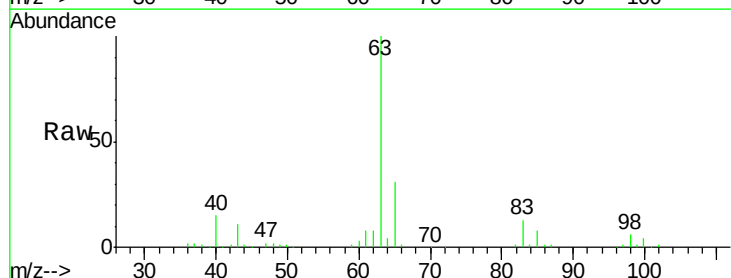
Tgt Ion: 63 Resp: 468007

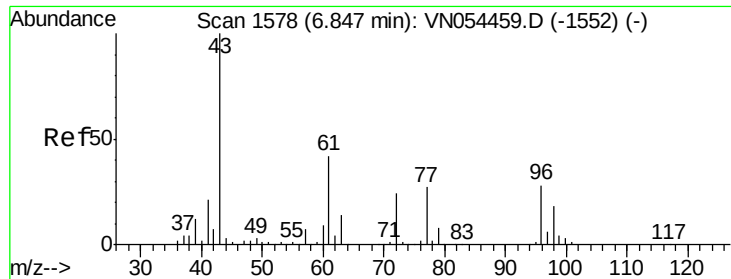
Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.5

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 298.348 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

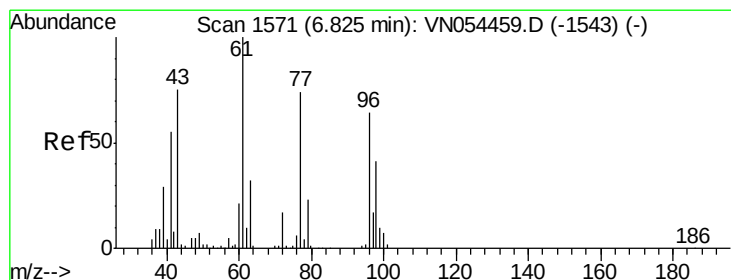
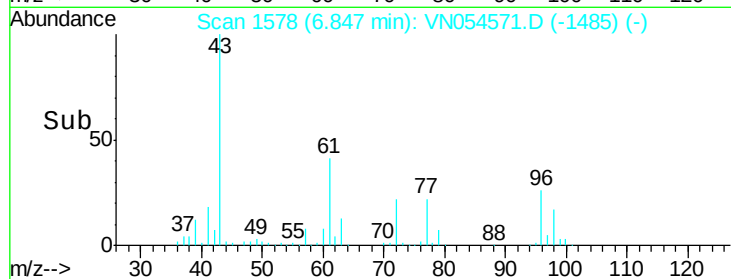
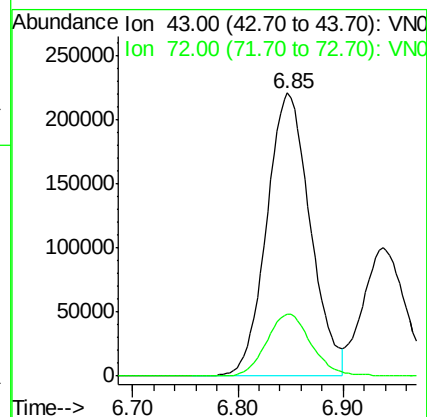
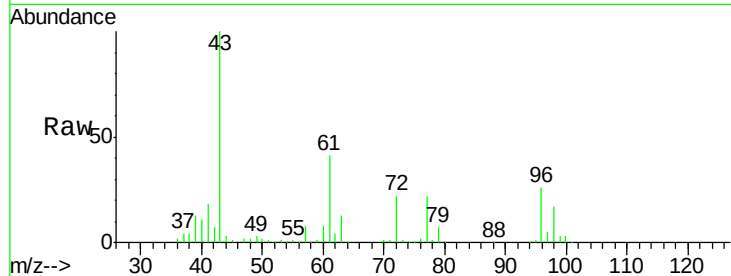
VSTDCCC050

Tot Ion: 43 Resp: 629106

Ion Ratio Lower Upper

43 100

72 22.1 23.0 34.6#



#26

2,2-Dichloropropane

Concen: 48.461 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054571.D

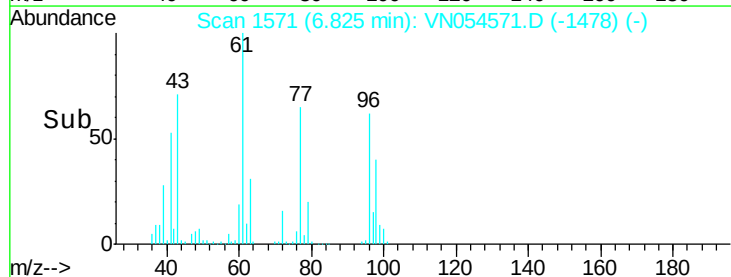
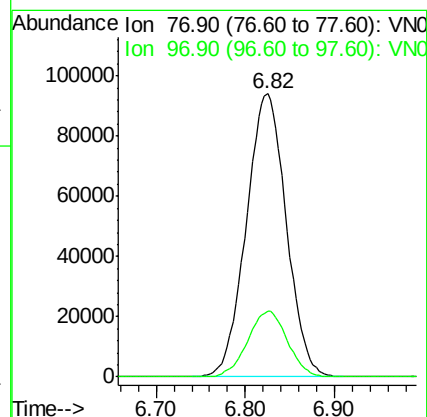
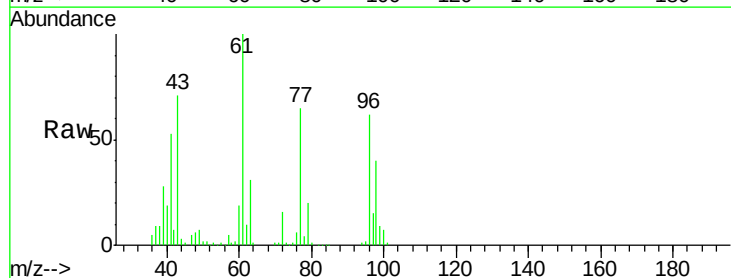
Acq: 22 Mar 2019 21:45

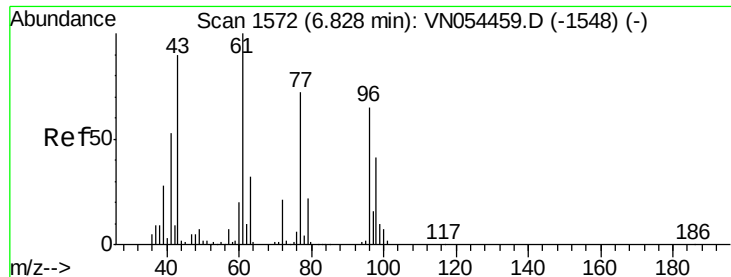
Tgt Ion: 77 Resp: 293321

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 52.125 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

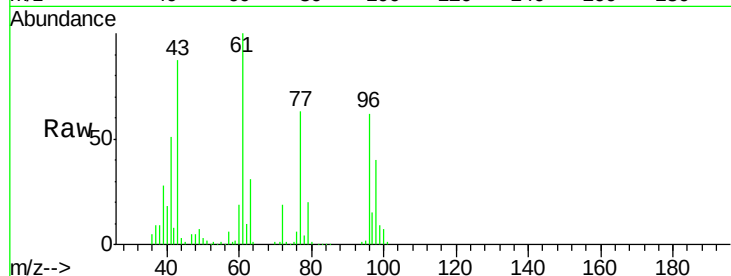
Tot Ion: 96 Resp: 269539

Ion Ratio Lower Upper

96 100

61 158.4 0.0 273.0

98 64.1 0.0 130.6

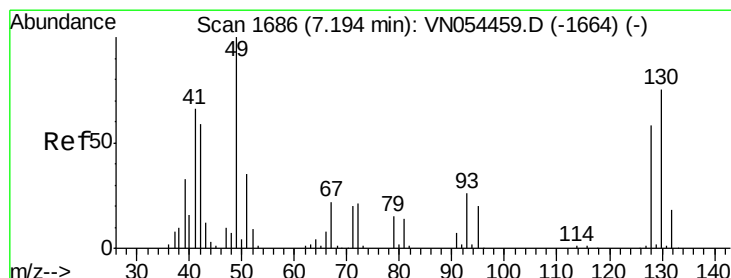
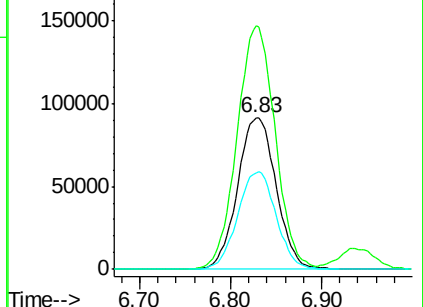
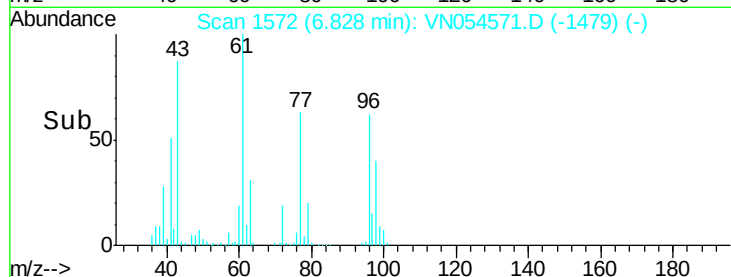


Abundance Ion 95.90 (95.60 to 96.60): VN054571.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN054571.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN054571.D (-1479) (-)

Time-->



#28

Bromochloromethane

Concen: 56.521 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

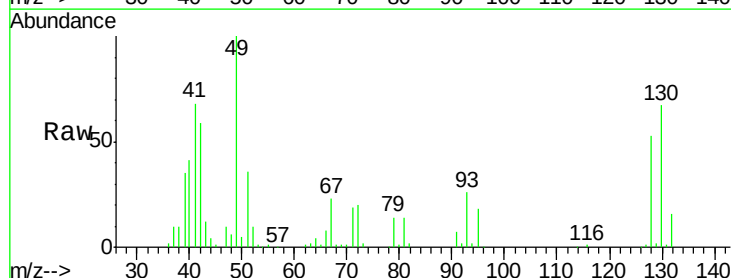
Tgt Ion: 49 Resp: 236226

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 67.9 76.7 115.1#

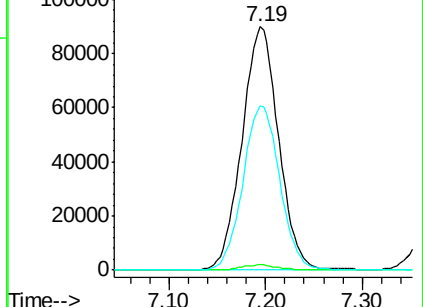
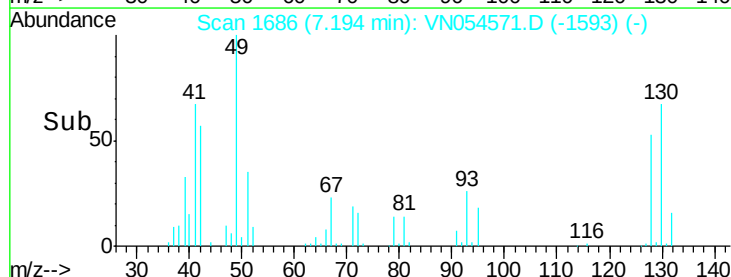


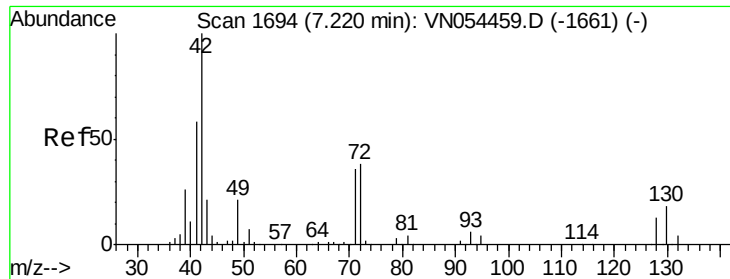
Abundance Ion 48.90 (48.60 to 49.60): VN054571.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN054571.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN054571.D (-1593) (-)

Time-->





#29

Tetrahydrofuran

Concen: 315.838 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

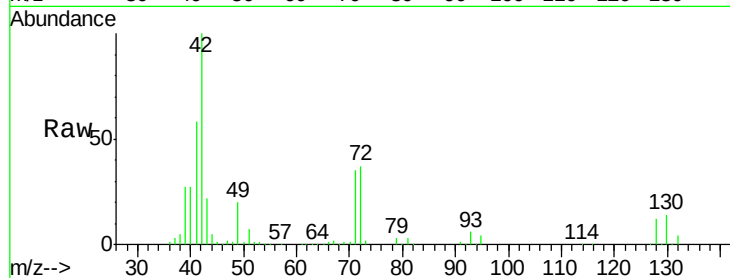
Tot Ion: 42 Resp: 432182

Ion Ratio Lower Upper

42 100

72 36.5 37.8 56.6#

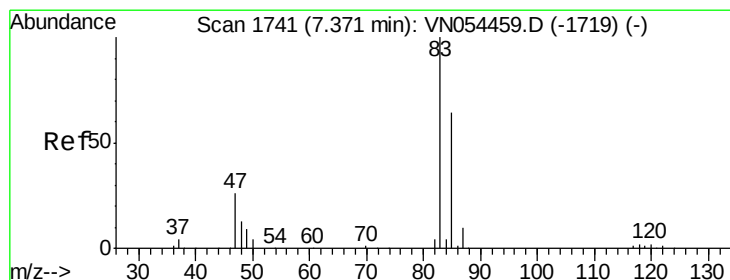
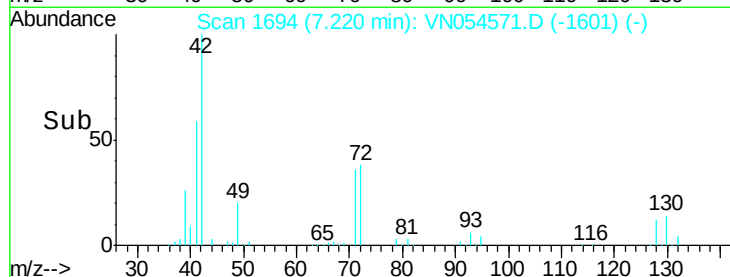
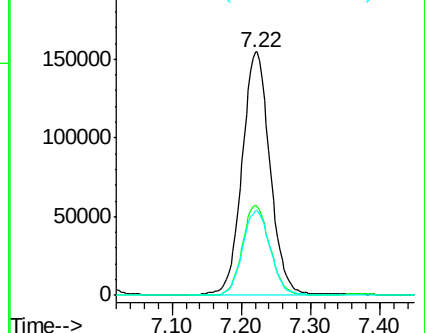
71 34.7 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 54.732 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054571.D

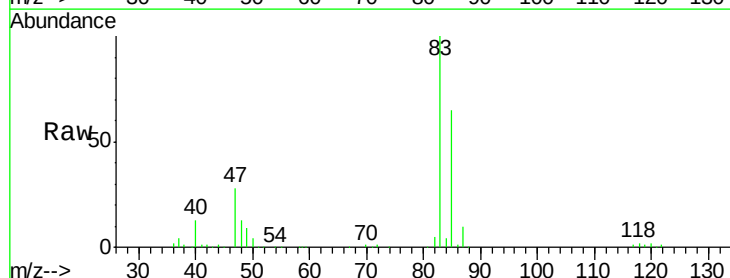
Acq: 22 Mar 2019 21:45

Tgt Ion: 83 Resp: 453532

Ion Ratio Lower Upper

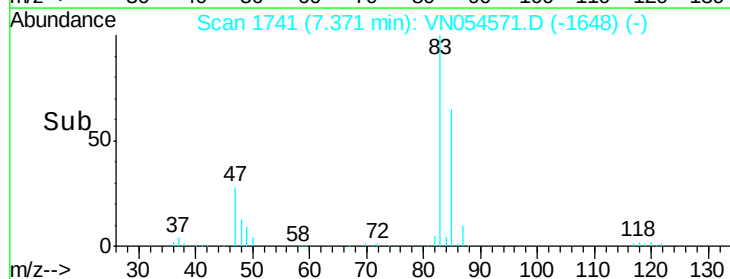
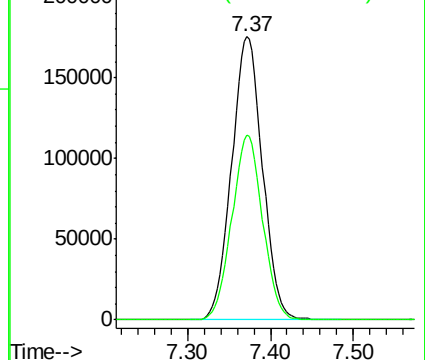
83 100

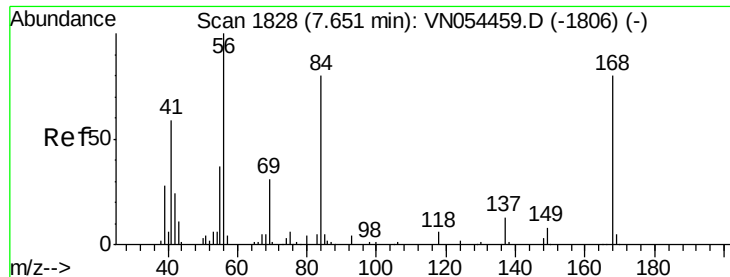
85 65.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 53.068 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

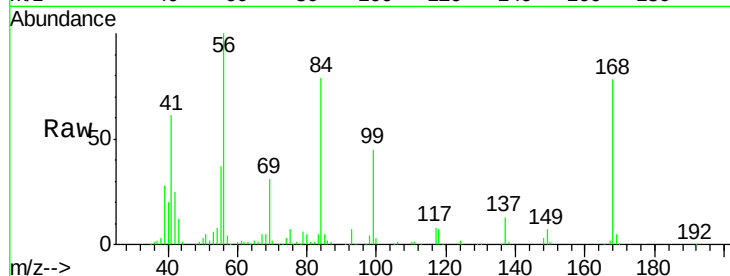
Tot Ion: 56 Resp: 430836

Ion Ratio Lower Upper

56 100

69 31.1 27.8 41.6

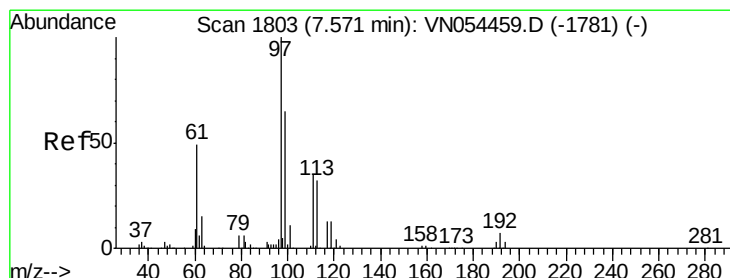
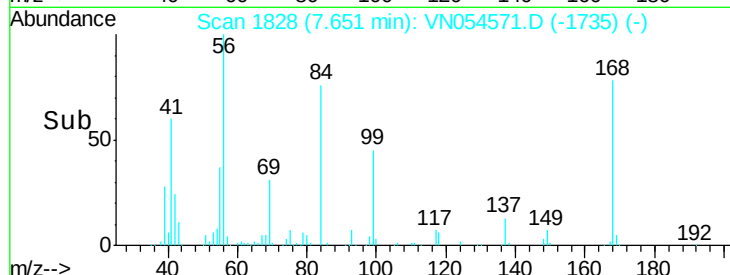
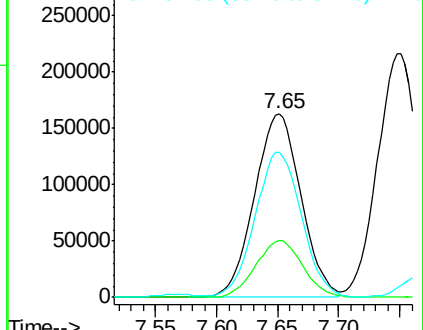
84 77.5 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN054571.D (-1735) (-)

Ion 69.00 (68.70 to 69.70): VN054571.D (-1735) (-)

Ion 84.00 (83.70 to 84.70): VN054571.D (-1735) (-)



#32

1,1,1-Trichloroethane

Concen: 54.546 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

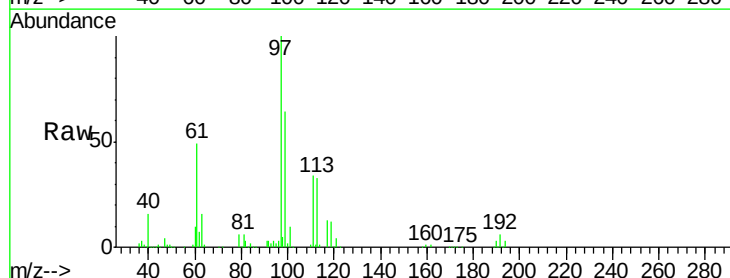
Tgt Ion: 97 Resp: 372891

Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

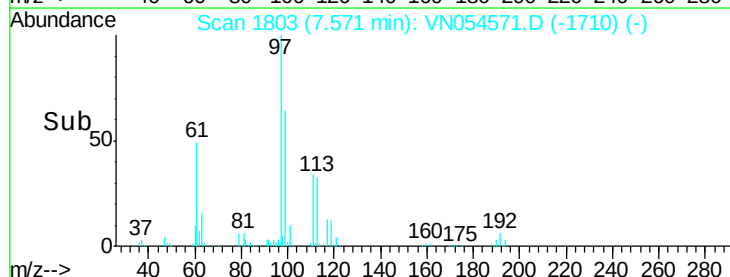
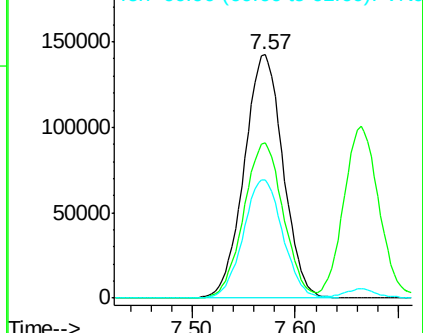
61 49.1 33.6 50.4

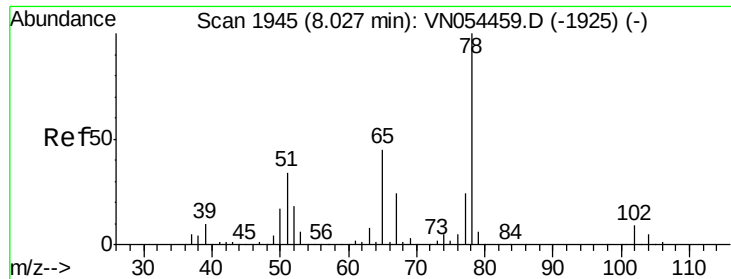


Abundance Ion 96.90 (96.60 to 97.60): VN054571.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN054571.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN054571.D (-1710) (-)

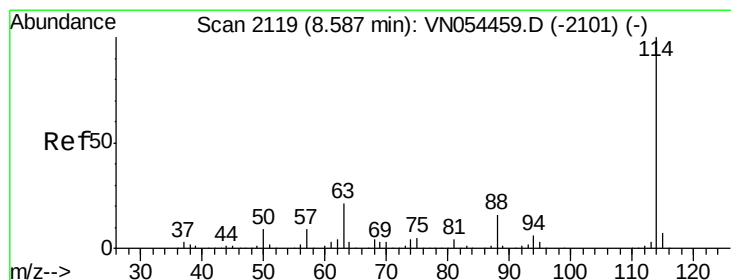
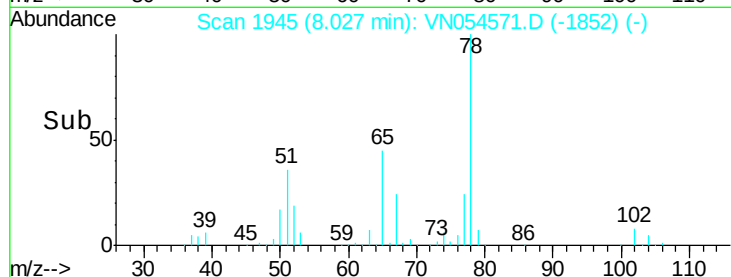
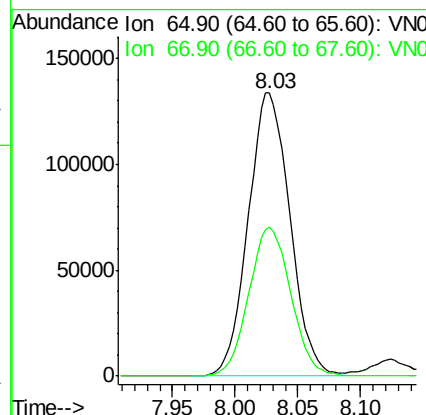
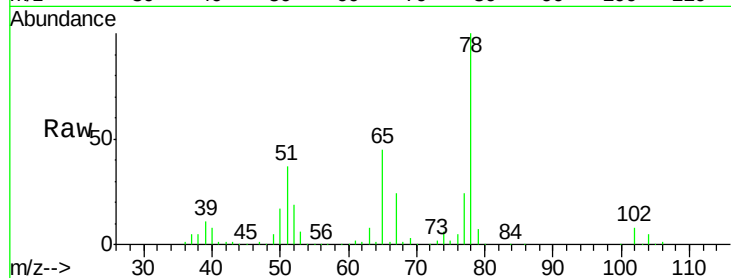




#33
 1,2-Dichloroethane-d4
 Concen: 56.748 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

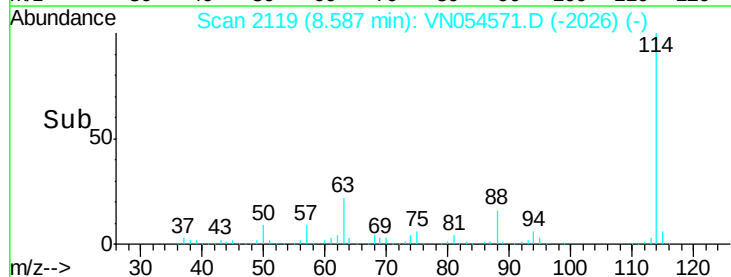
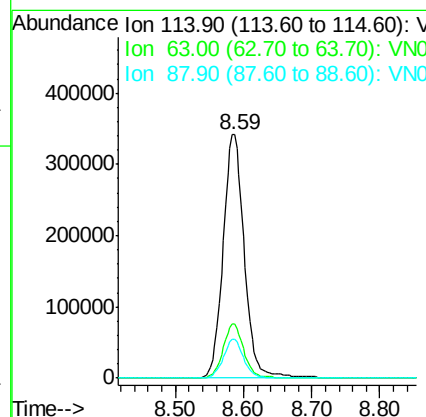
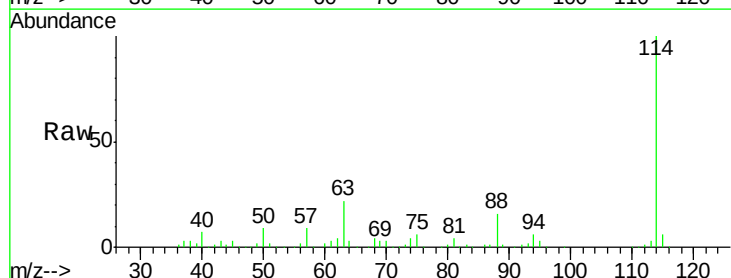
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

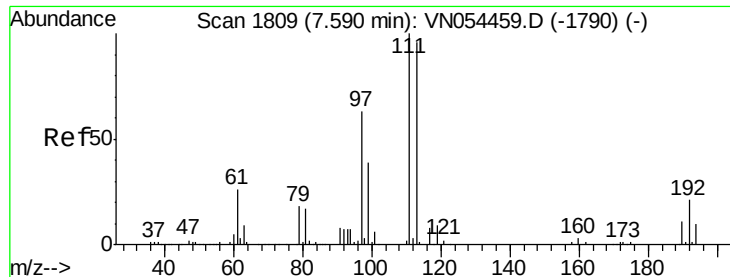
Tot Ion: 65 Resp: 310698
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 114 Resp: 736097
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 35.2
 88 15.8 0.0 30.2

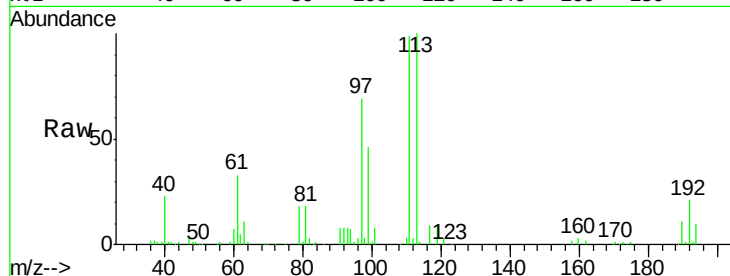




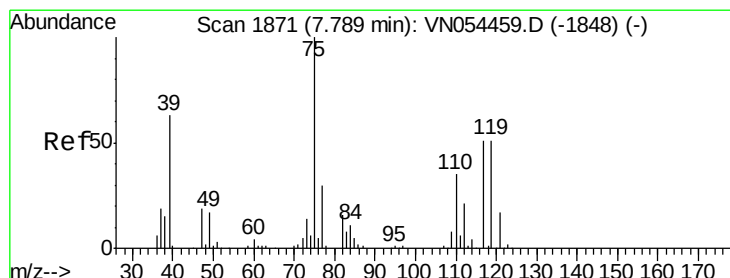
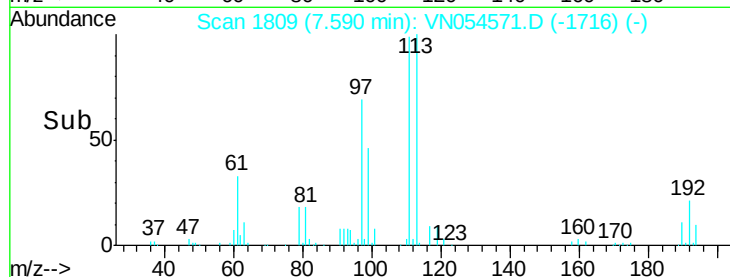
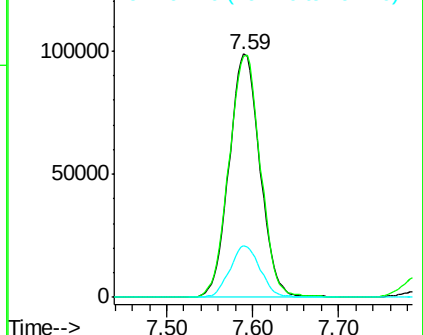
#35
Dibromofluoromethane
Concen: 51.958 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 246402
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 20.9 19.2 28.8

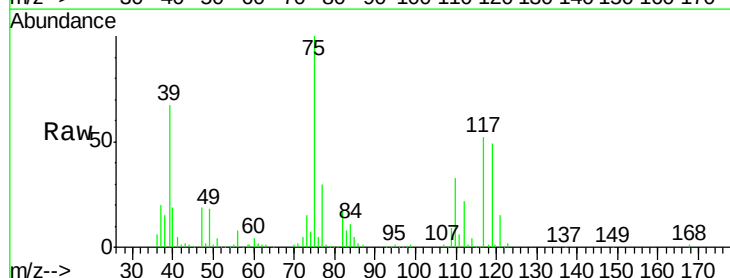


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

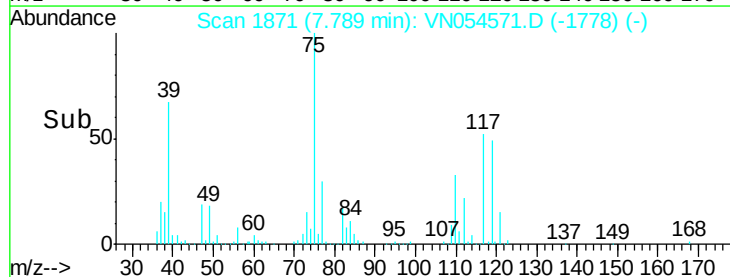
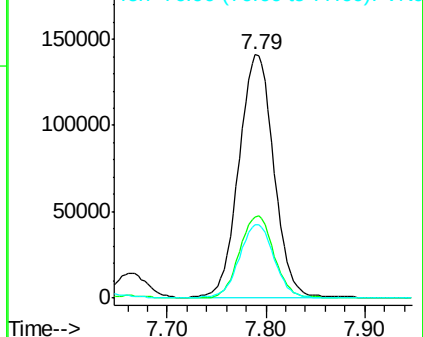


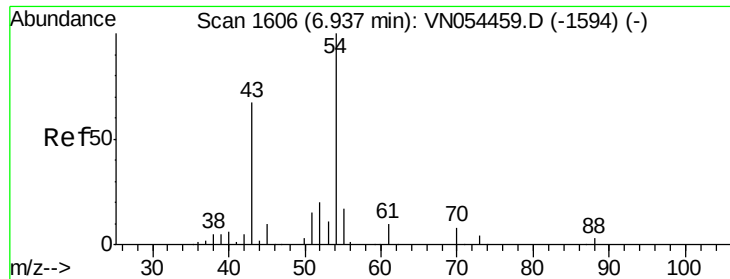
#36
1,1-Dichloropropene
Concen: 49.703 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 75 Resp: 342081
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.5
77 30.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO

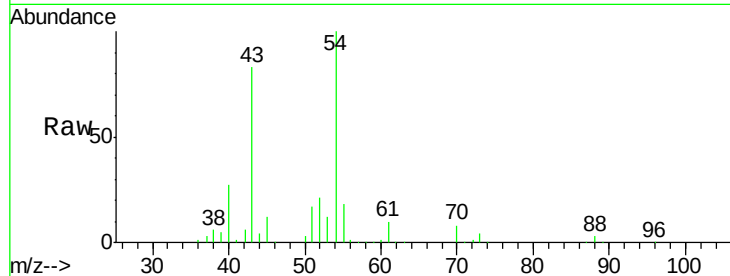




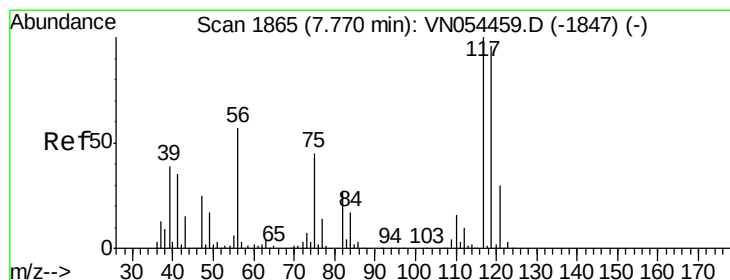
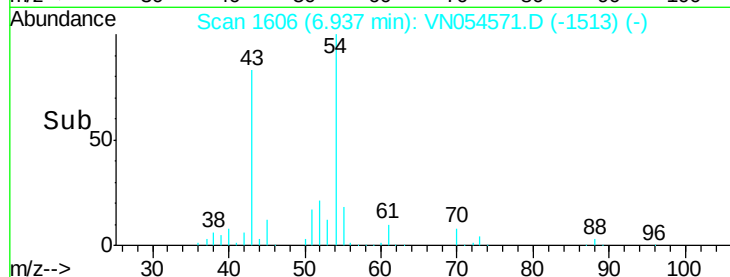
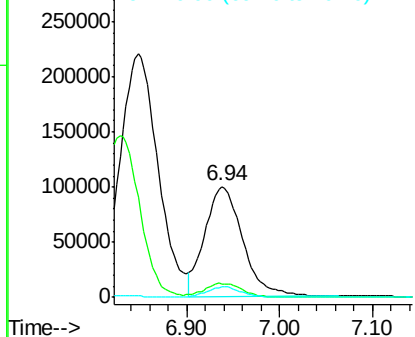
#37
Ethyl Acetate
Concen: 57.707 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 282483
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.6
70 8.4 8.4 12.6#

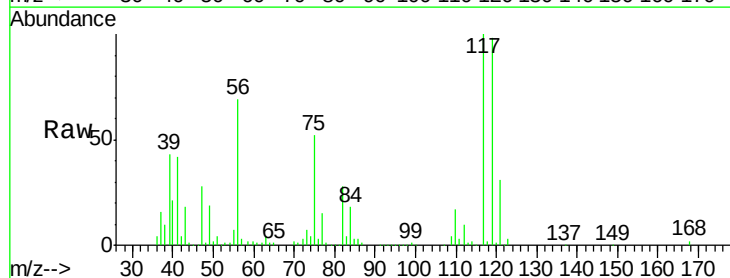


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

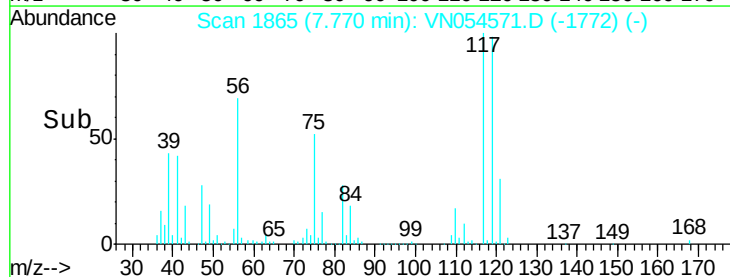
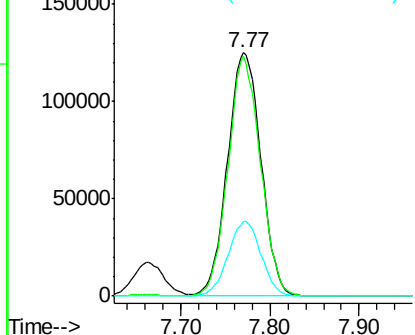


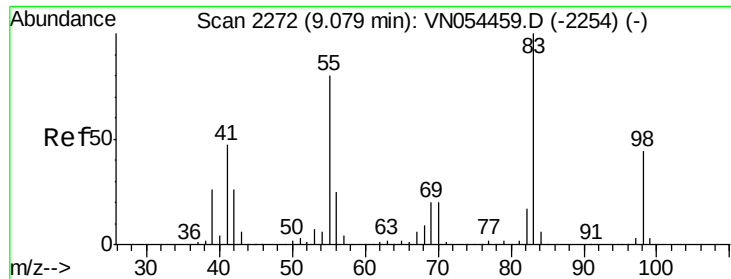
#38
Carbon Tetrachloride
Concen: 48.668 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 117 Resp: 325506
Ion Ratio Lower Upper
117 100
119 98.3 76.3 114.5
121 30.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

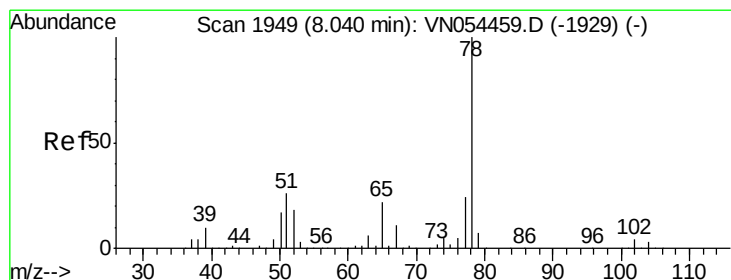
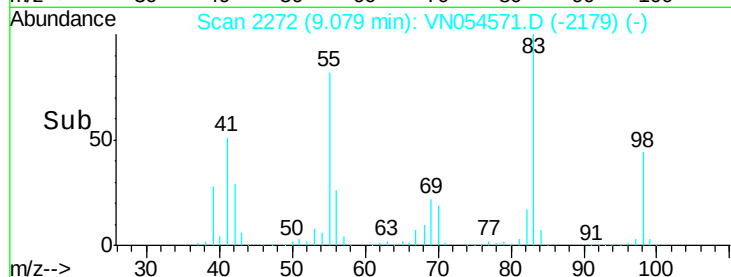
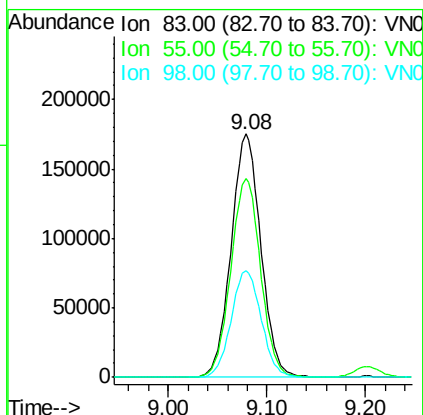
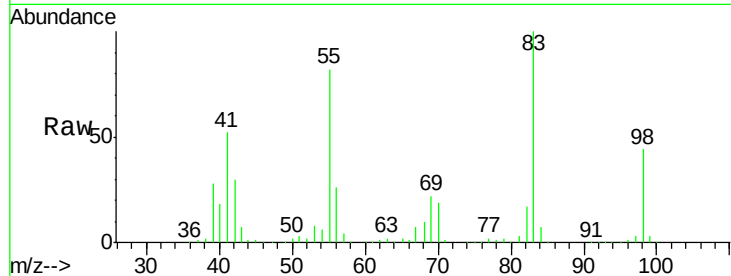




#39
Methylvlcyclohexane
Concen: 46.678 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

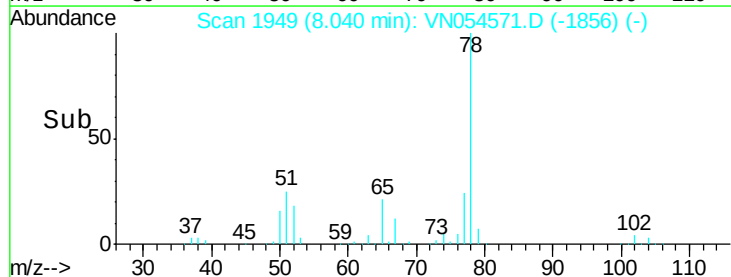
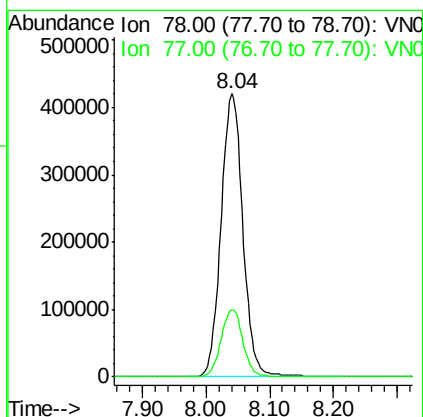
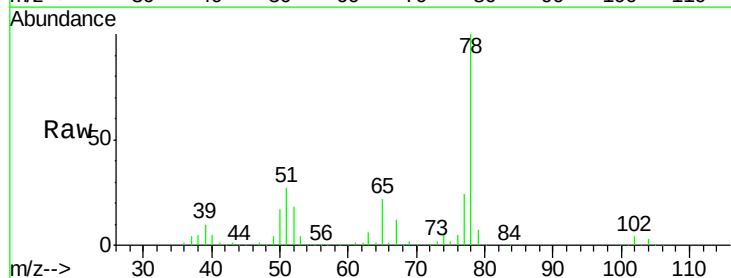
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

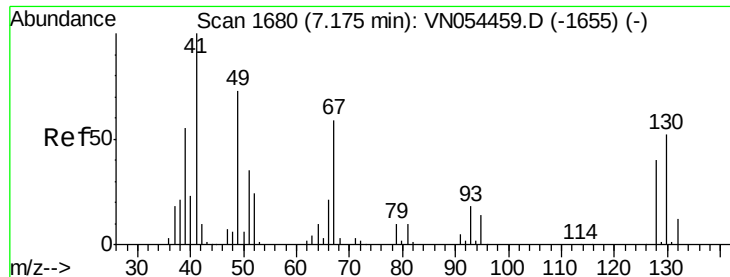
Tot Ion: 83 Resp: 367490
Ion Ratio Lower Upper
83 100
55 81.7 56.6 84.8
98 43.9 38.4 57.6



#40
Benzene
Concen: 50.812 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 78 Resp: 1000034
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

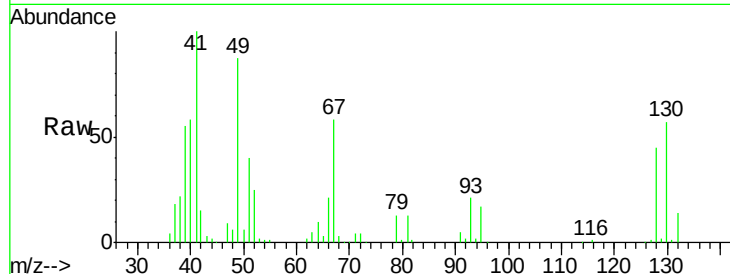




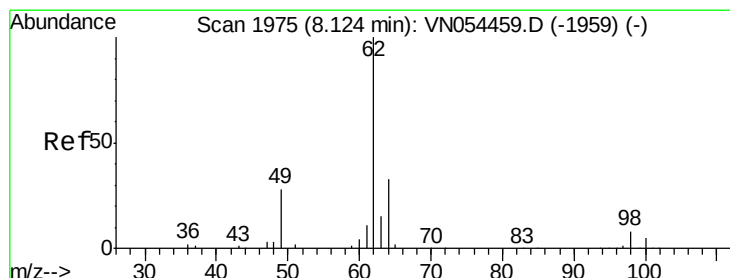
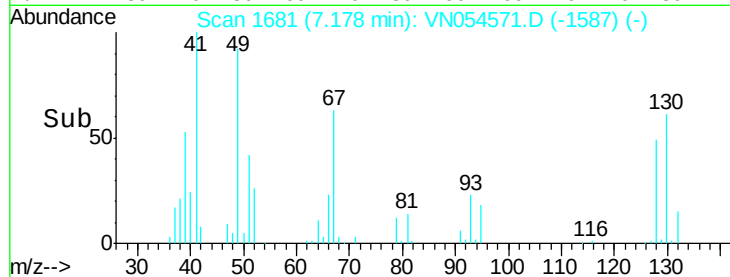
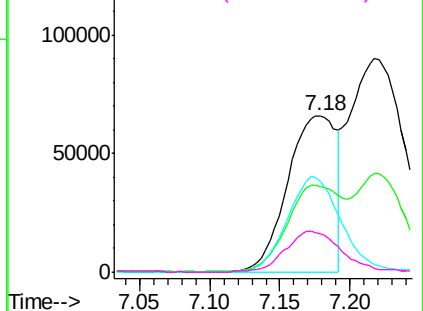
#41
Methacrylonitrile
Concen: 52.978 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 158157
Ion Ratio Lower Upper
41 100
39 63.5 46.8 70.2
67 68.2 67.0 100.4
52 30.9 26.5 39.7

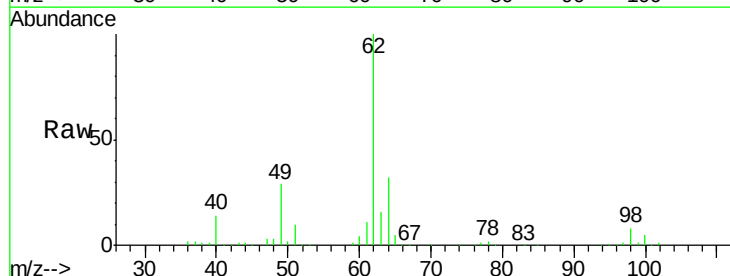


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

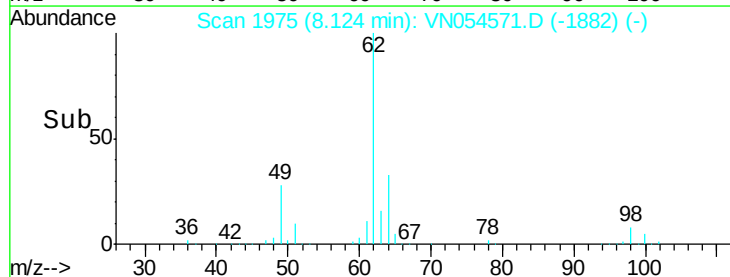
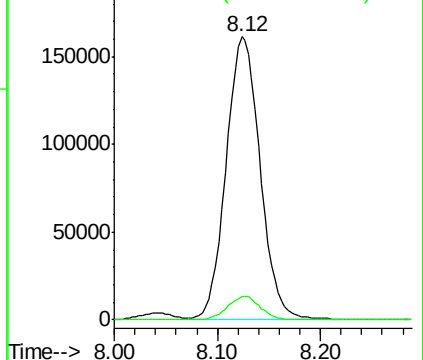


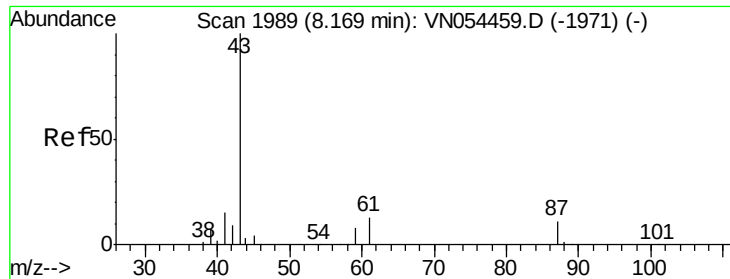
#42
1,2-Dichloroethane
Concen: 51.467 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 62 Resp: 368886
Ion Ratio Lower Upper
62 100
98 8.1 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: 57.222 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

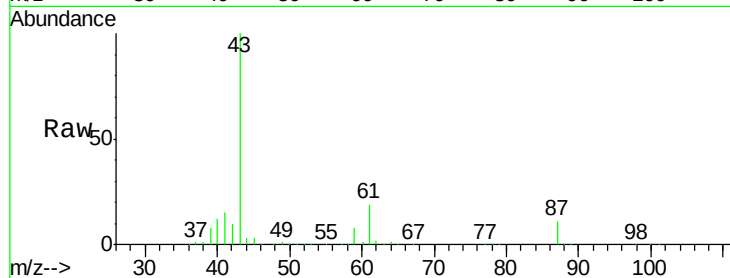
Tot Ion: 43 Resp: 473064

Ion Ratio Lower Upper

43 100

61 18.0 15.8 23.8

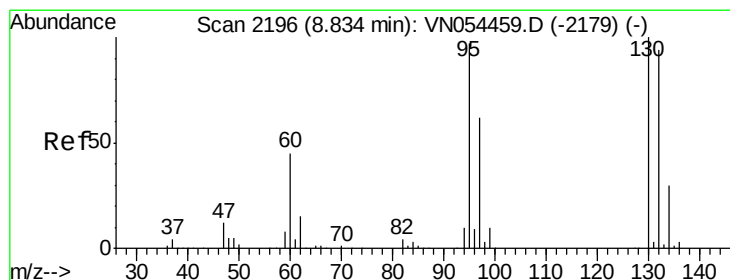
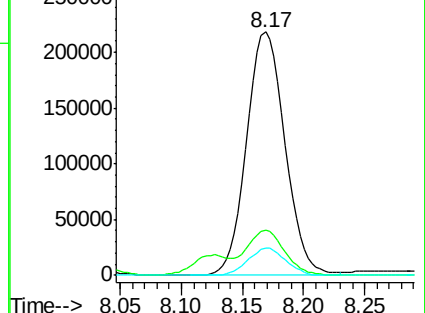
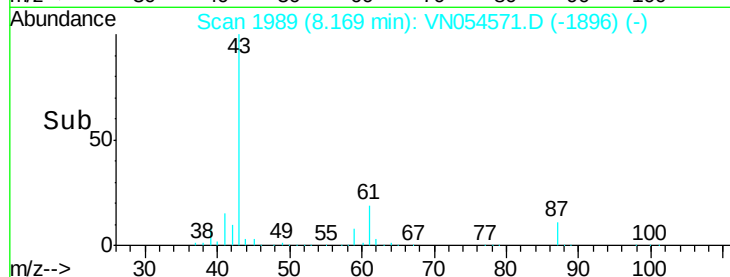
87 11.2 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054571.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN054571.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN054571.D (-2103) (-)



#44

Trichloroethene

Concen: 48.306 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054571.D

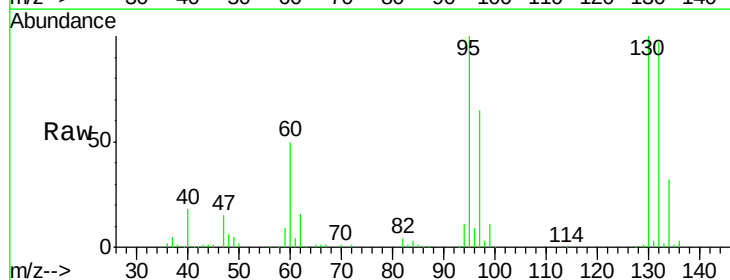
Acq: 22 Mar 2019 21:45

Tgt Ion:130 Resp: 264316

Ion Ratio Lower Upper

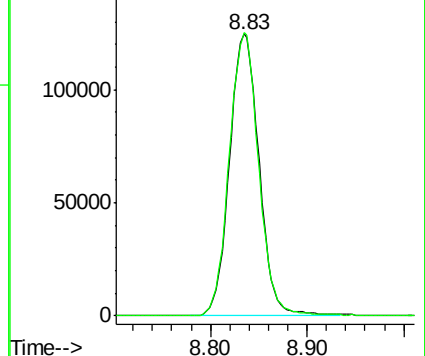
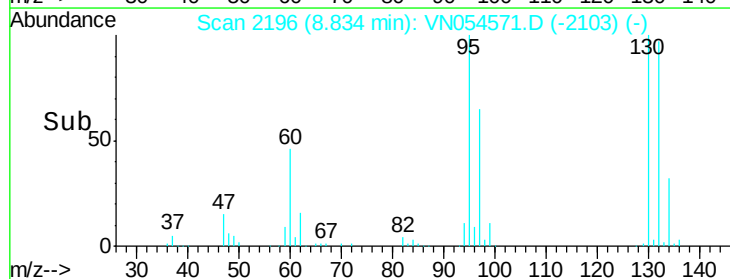
130 100

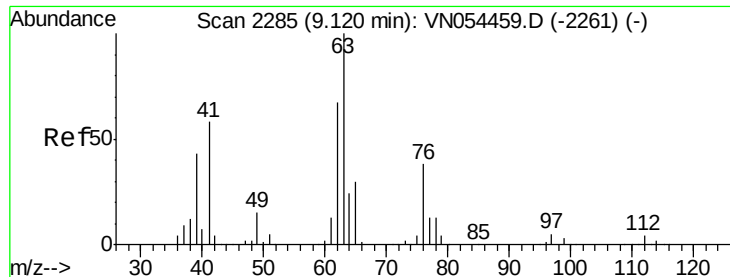
95 100.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054571.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054571.D (-2103) (-)

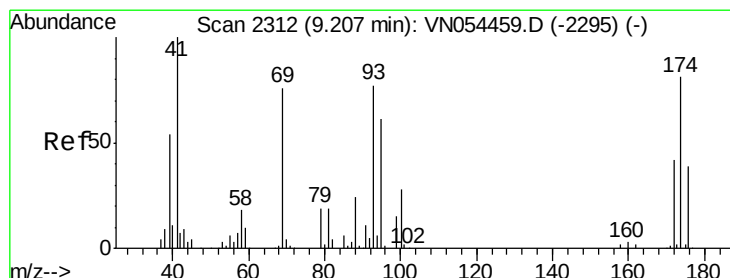
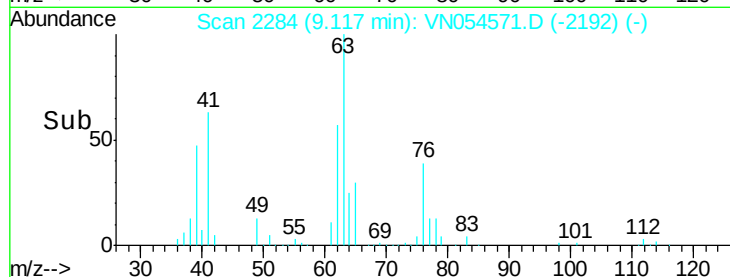
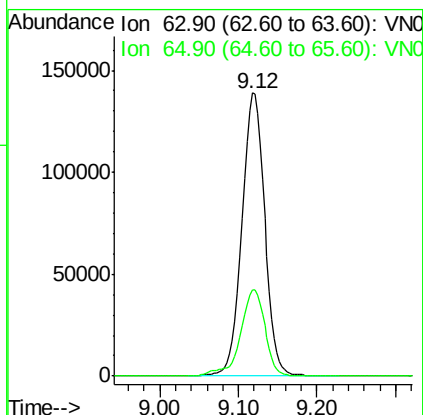
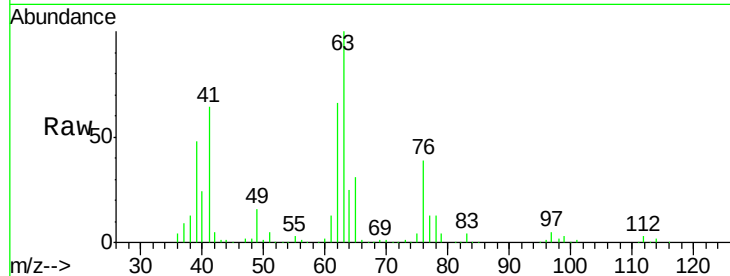




#45
 1,2-Dichloropropane
 Concen: 53.837 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

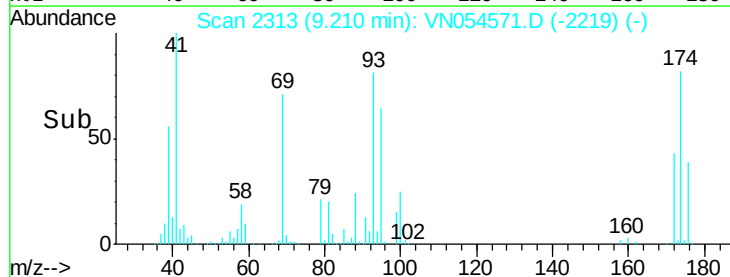
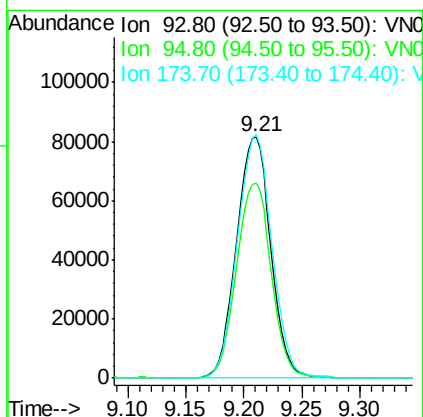
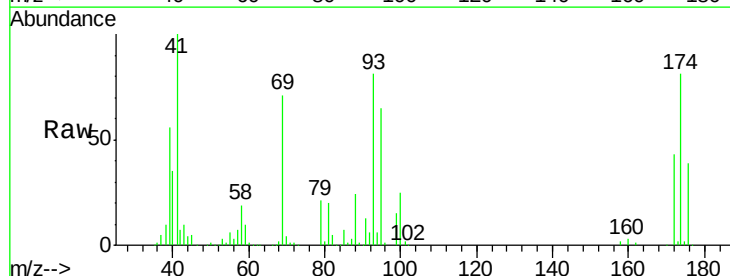
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

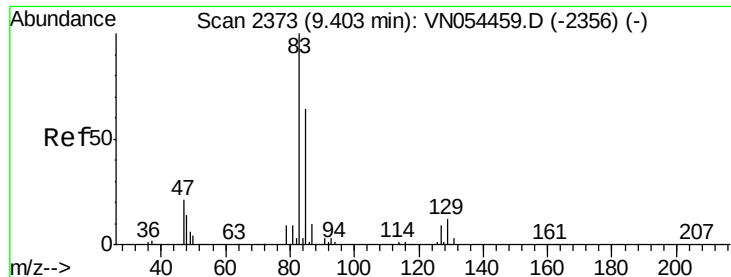
Tot Ion: 63 Resp: 284515
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 53.378 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 93 Resp: 168290
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.7 100.1
 174 101.6 98.5 147.7

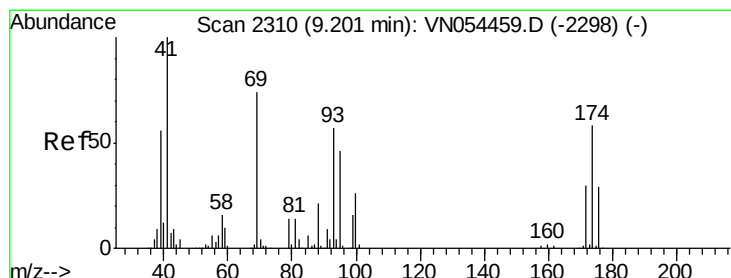
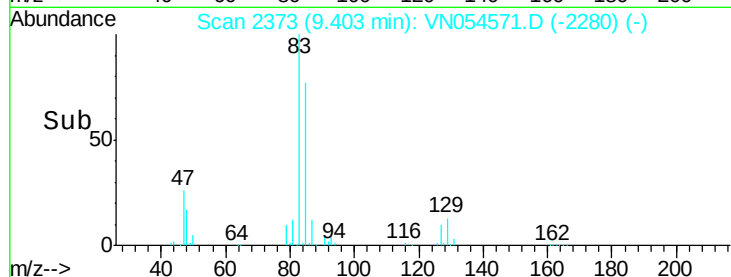
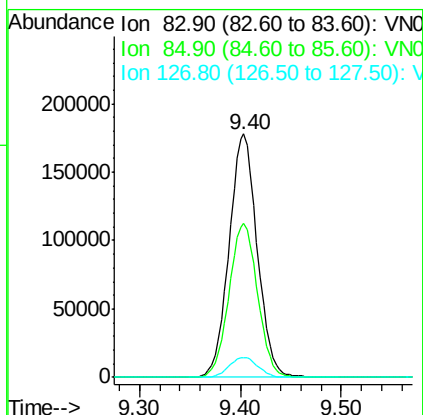
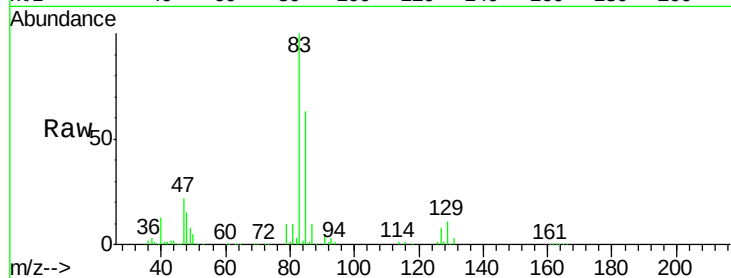




#47
Bromodichloromethane
Concen: 52.703 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

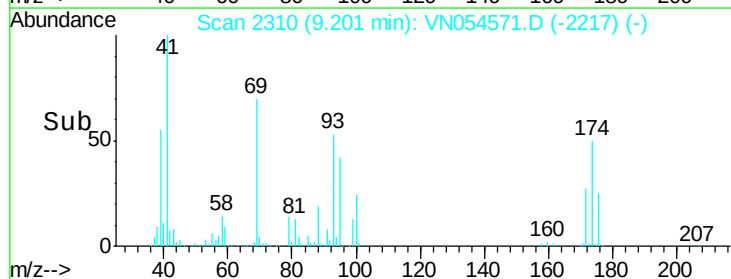
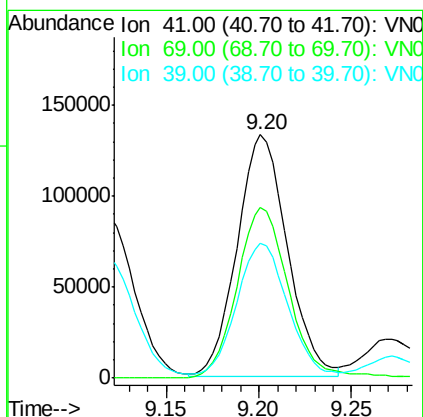
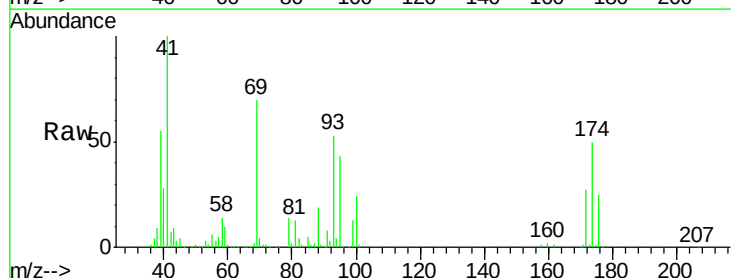
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

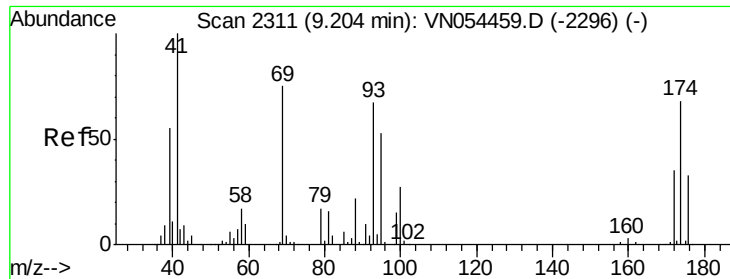
Tot Ion: 83 Resp: 344842
Ion Ratio Lower Upper
83 100
85 63.1 52.8 79.2
127 8.3 7.4 11.2



#48
Methyl methacrylate
Concen: 55.659 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 41 Resp: 249748
Ion Ratio Lower Upper
41 100
69 73.0 72.6 108.8
39 56.5 47.5 71.3





#49

1,4-Dioxane

Concen: 1100.248 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

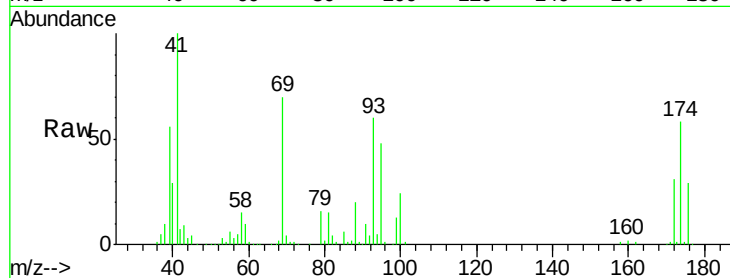
Tot Ion: 88 Resp: 55192

Ion Ratio Lower Upper

88 100

43 40.7 24.1 36.1#

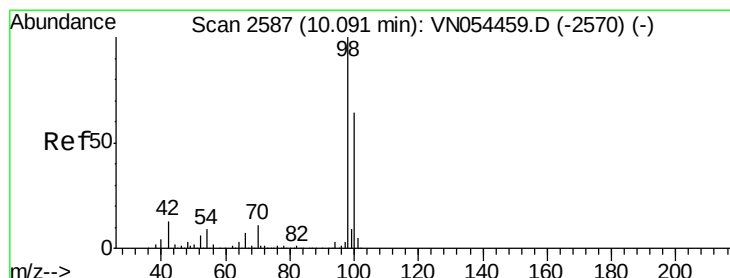
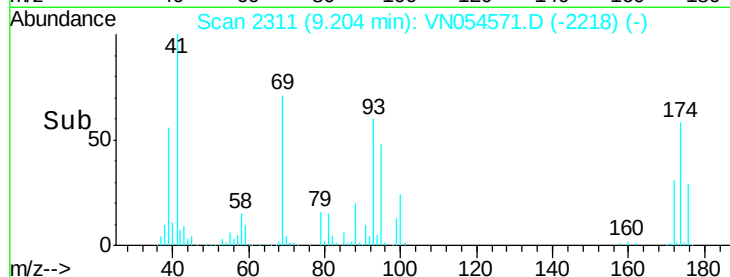
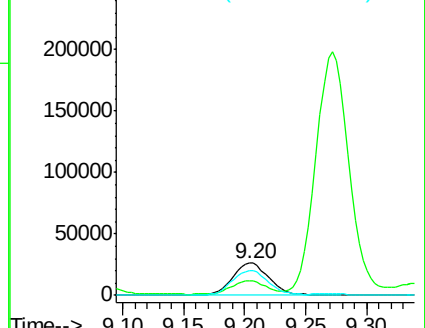
58 76.6 50.8 76.2#



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: 50.922 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054571.D

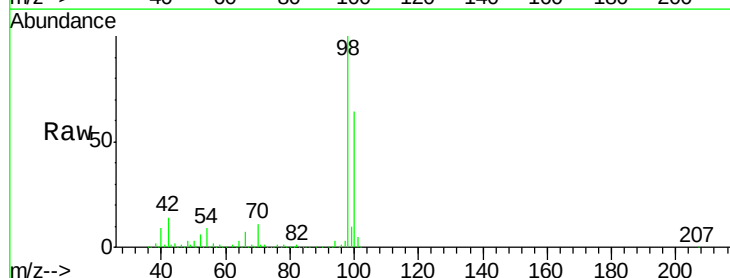
Acq: 22 Mar 2019 21:45

Tgt Ion: 98 Resp: 907848

Ion Ratio Lower Upper

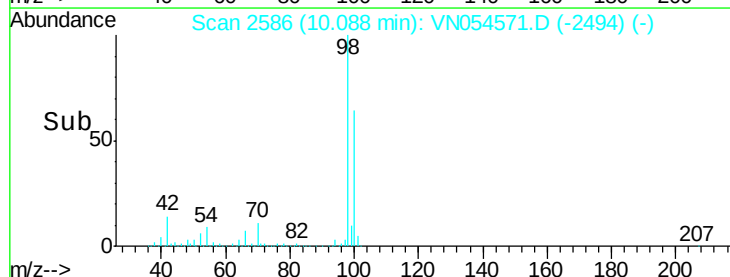
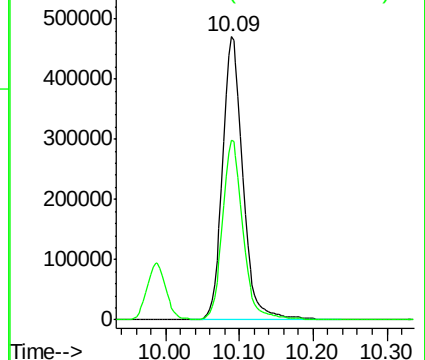
98 100

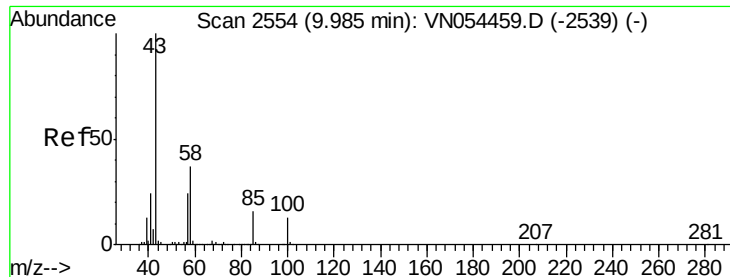
100 63.1 51.2 76.8



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: 300.372 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

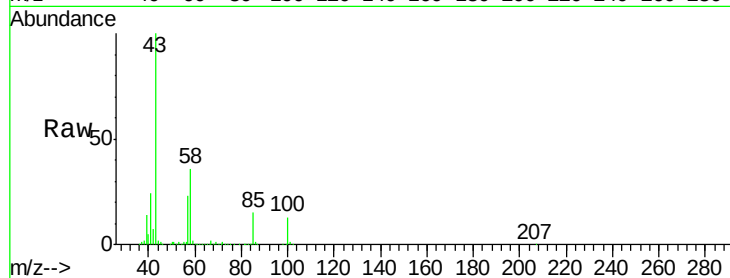
VSTDCCC050

Tot Ion: 43 Resp: 1376213

Ion Ratio Lower Upper

43 100

58 35.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

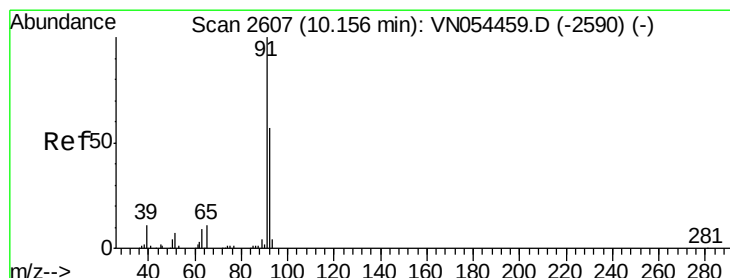
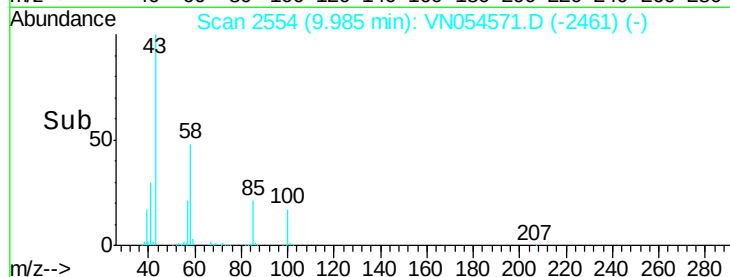
400000

200000

0

9.90 9.99 10.00 10.10

Time-->



#52

Toluene

Concen: 50.269 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054571.D

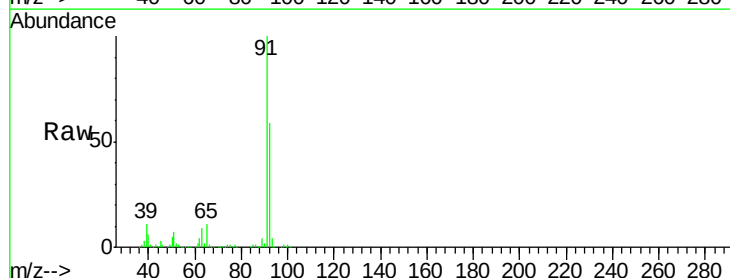
Acq: 22 Mar 2019 21:45

Tgt Ion: 92 Resp: 608491

Ion Ratio Lower Upper

92 100

91 174.3 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

300000

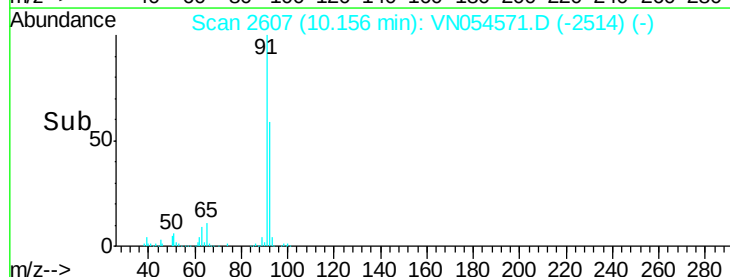
200000

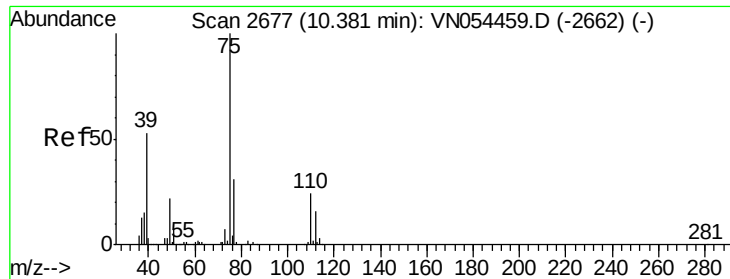
100000

0

10.10 10.16 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.291 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

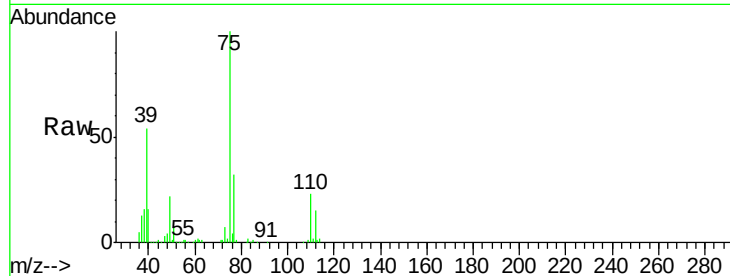
VSTDCCC050

Tot Ion: 75 Resp: 332769

Ion Ratio Lower Upper

75 100

77 31.7 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

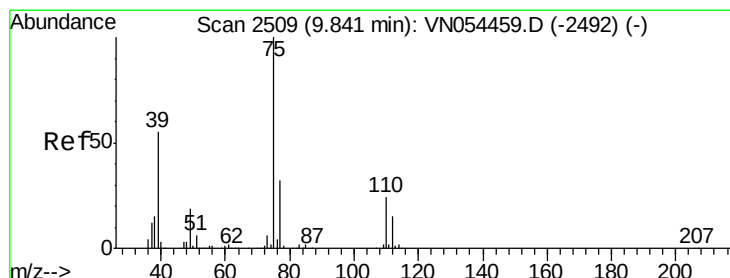
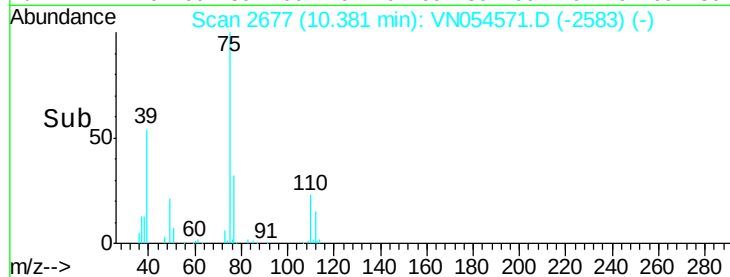
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.080 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

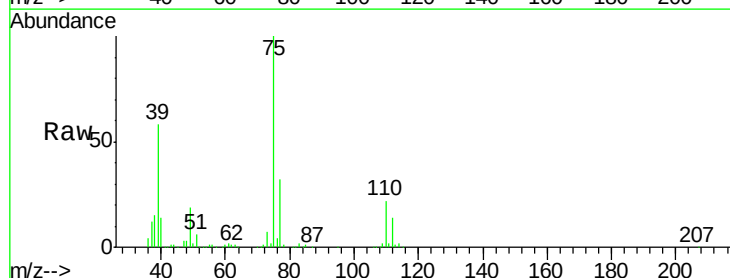
Tgt Ion: 75 Resp: 398222

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 57.4 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

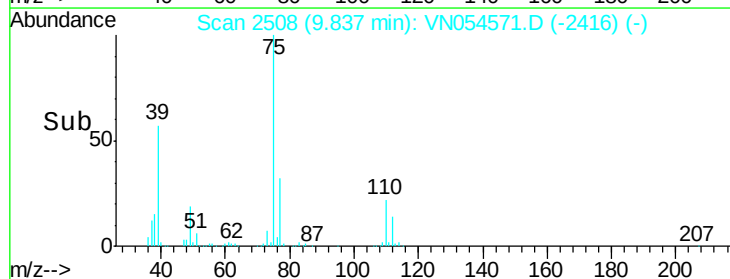
150000

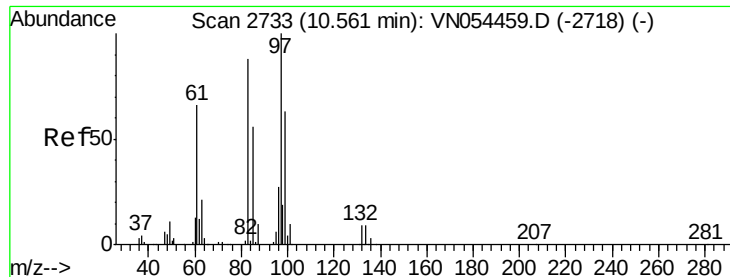
100000

50000

0

Time-->

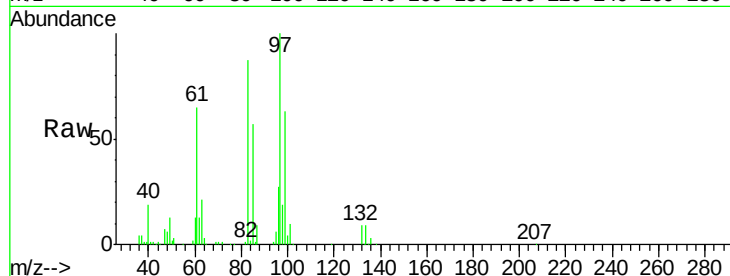




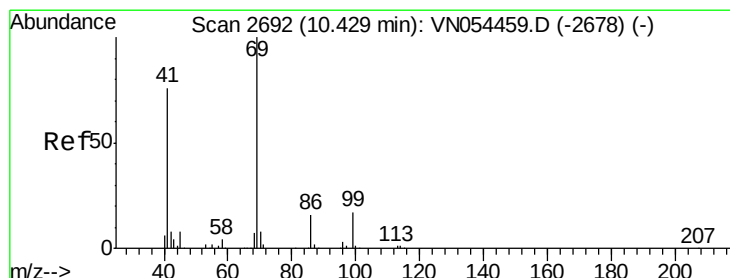
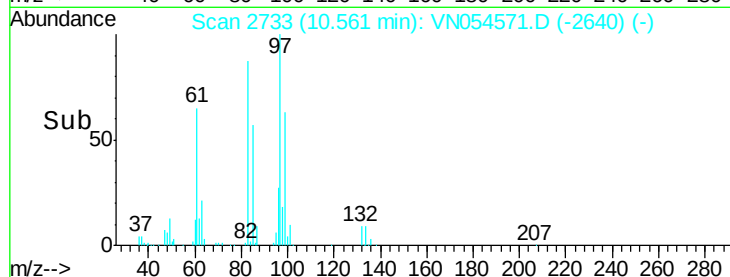
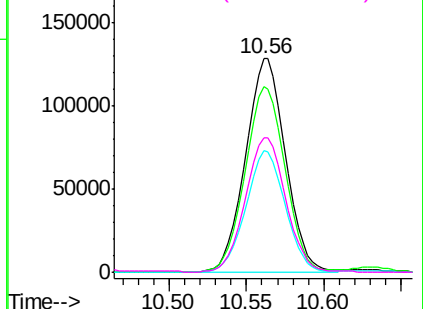
#55
 1,1,2-Trichloroethane
 Concen: 52.983 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	230541
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.6	100.0
85	57.1	44.4	66.6
99	62.9	50.8	76.2

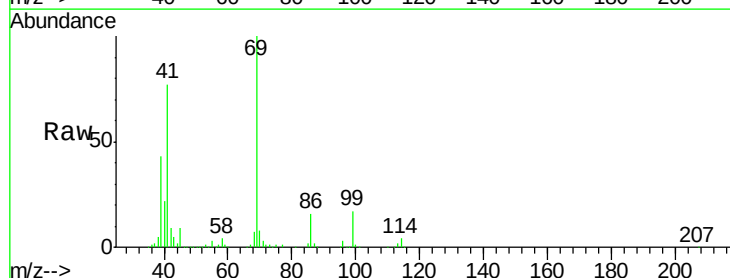


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

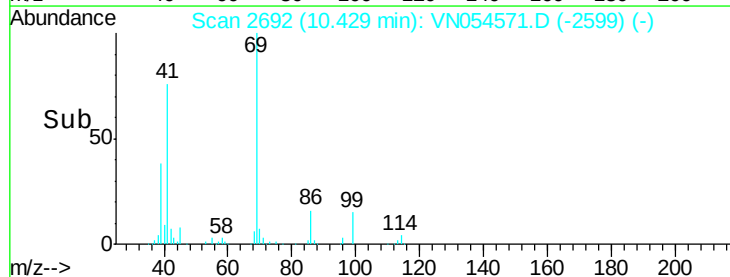
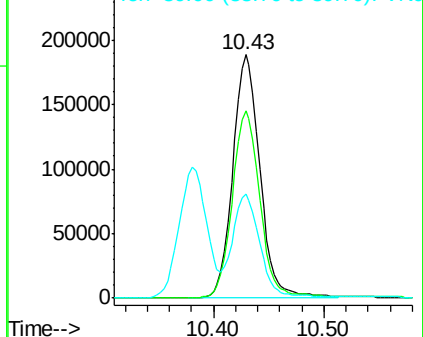


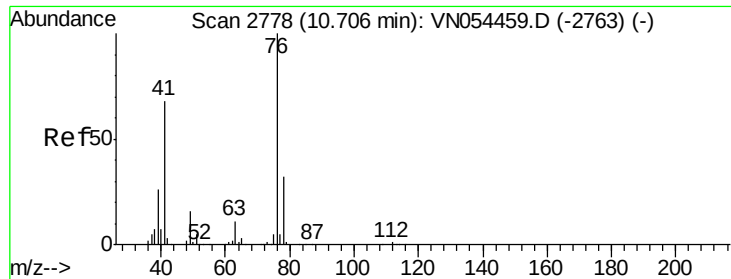
#56
 Ethyl methacrylate
 Concen: 55.259 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion:	69	Resp:	322726
Ion	Ratio	Lower	Upper
69	100		
41	77.1	49.4	74.2#
39	42.4	28.3	42.5



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 53.471 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

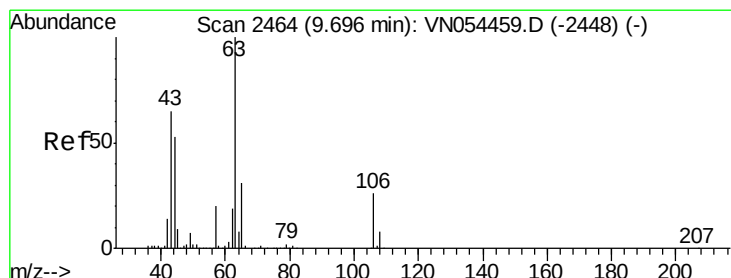
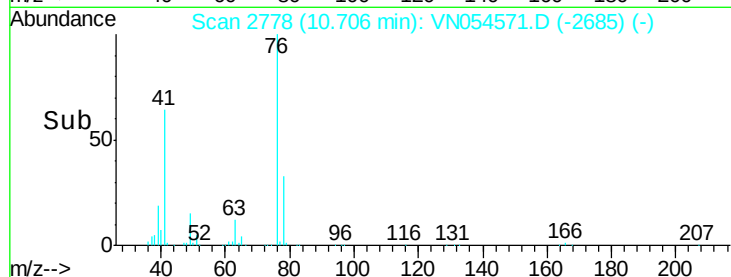
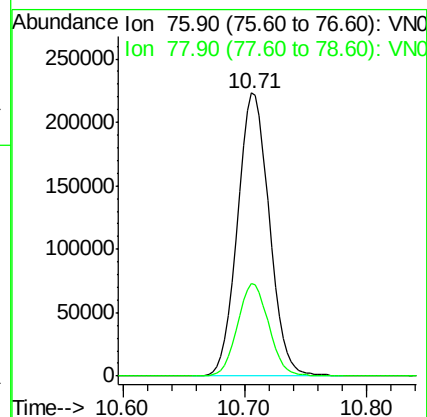
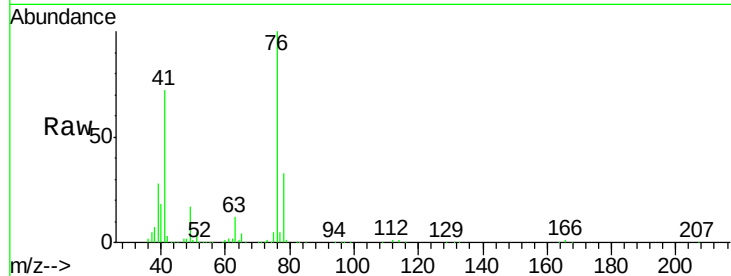
VSTDCCC050

Tot Ion: 76 Resp: 404441

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 271.371 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054571.D

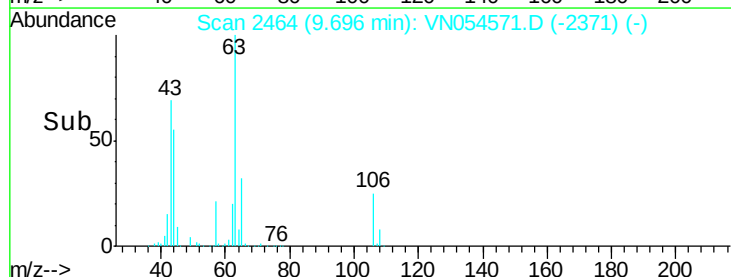
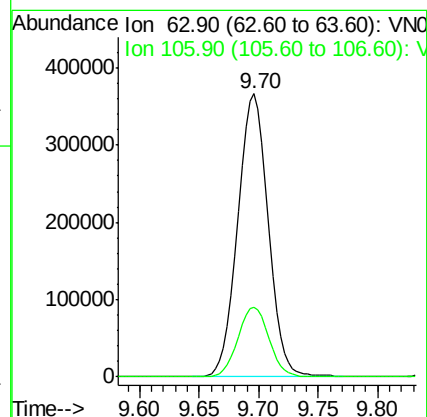
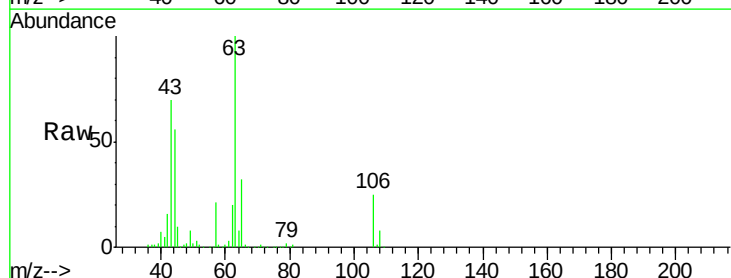
Acq: 22 Mar 2019 21:45

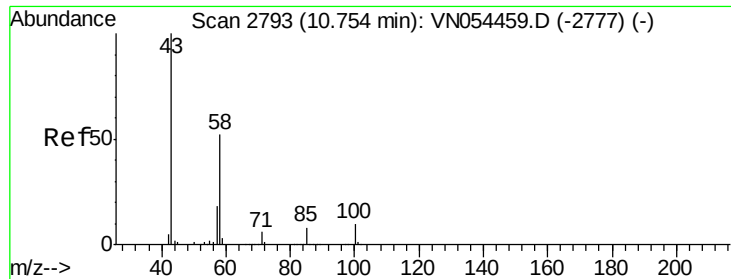
Tgt Ion: 63 Resp: 652612

Ion Ratio Lower Upper

63 100

106 25.0 24.4 36.6

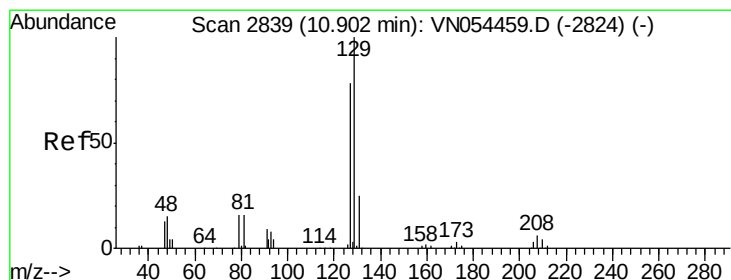
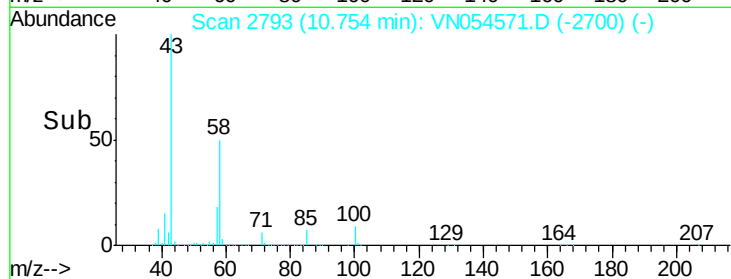
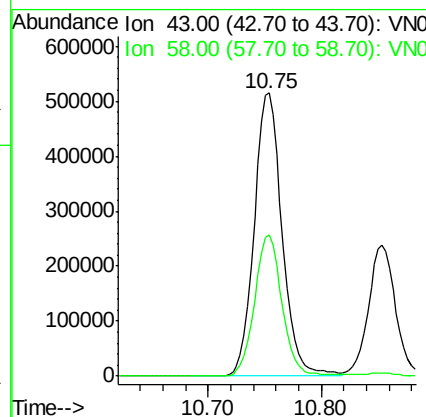
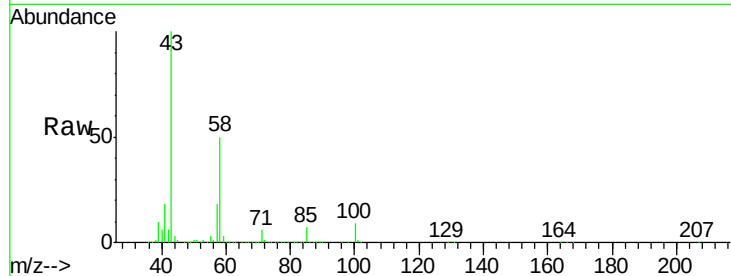




#59
2-Hexanone
Concen: 293.323 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

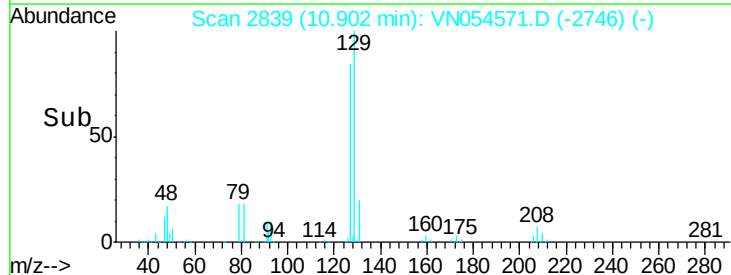
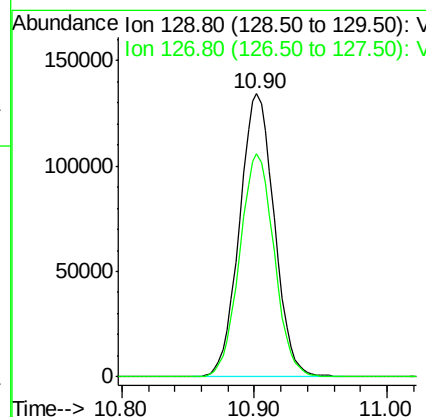
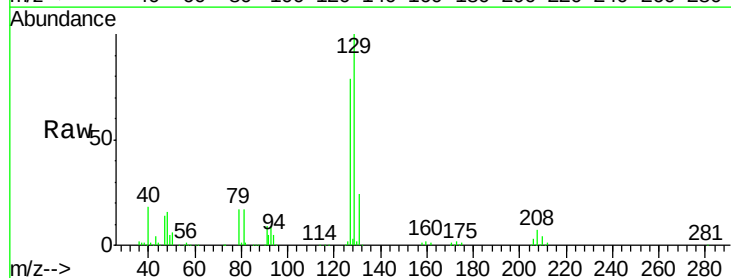
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

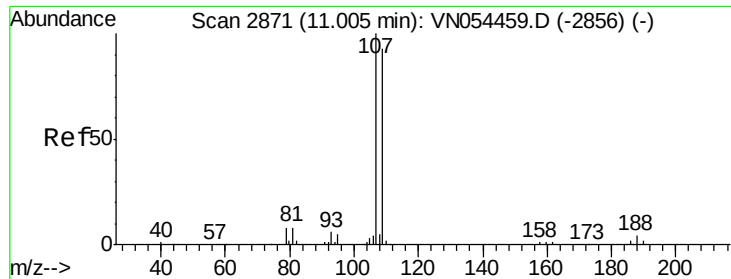
Tot Ion: 43 Resp: 877830
Ion Ratio Lower Upper
43 100
58 49.5 28.0 83.9



#60
Dibromochloromethane
Concen: 52.689 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 129 Resp: 243957
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

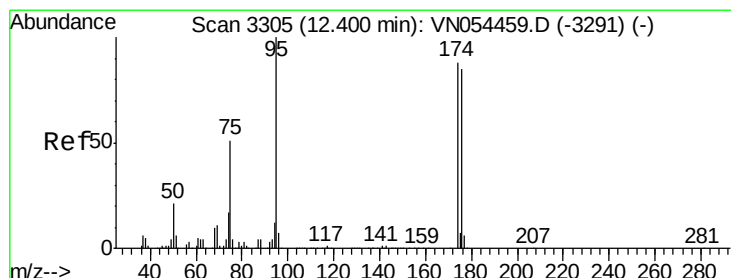
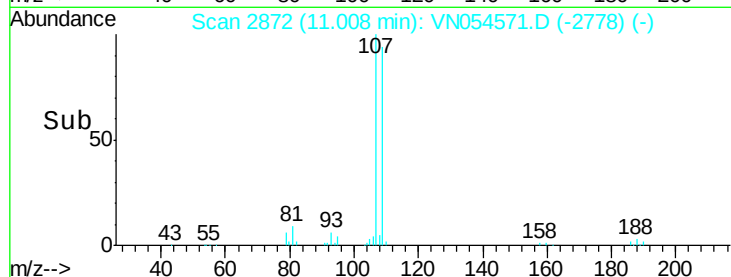
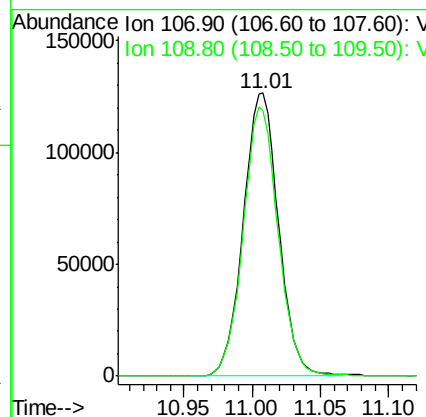
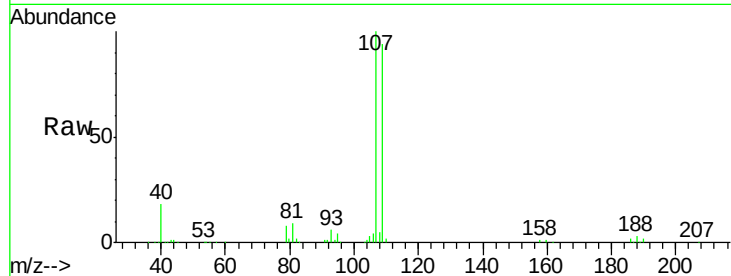




#61
 1,2-Dibromoethane
 Concen: 52.743 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

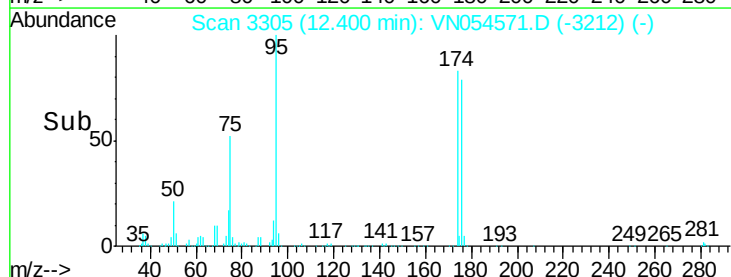
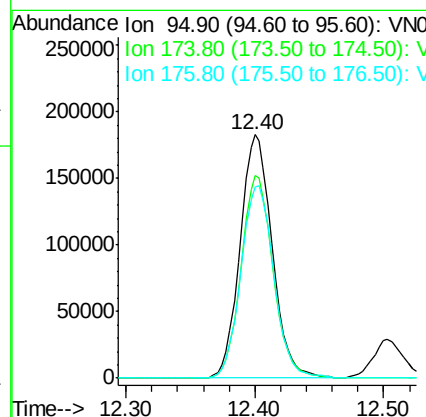
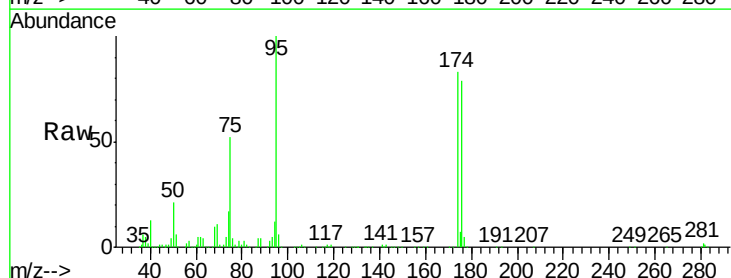
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

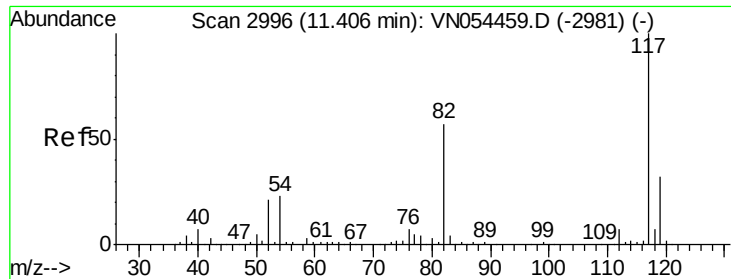
Tot Ion:107 Resp: 226884
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.065 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 95 Resp: 315860
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 191.0
 176 81.4 0.0 187.4

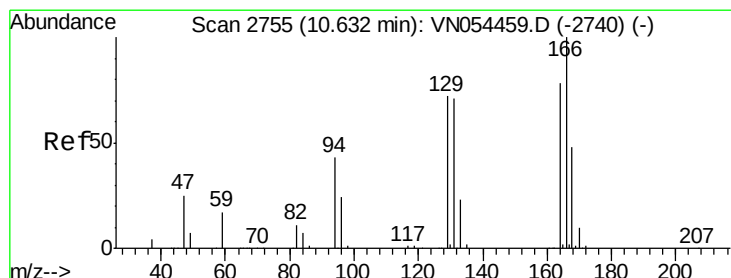
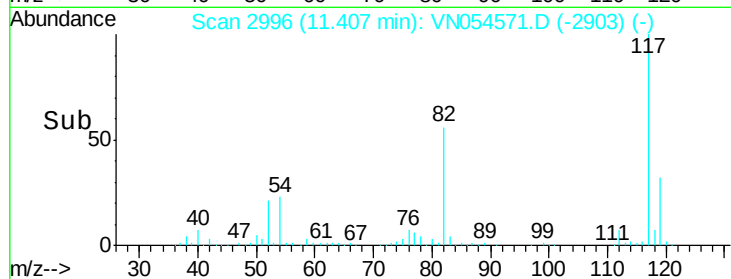
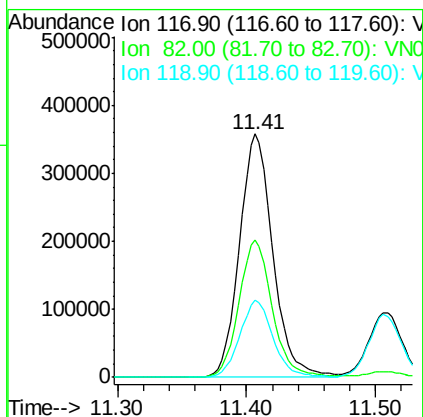
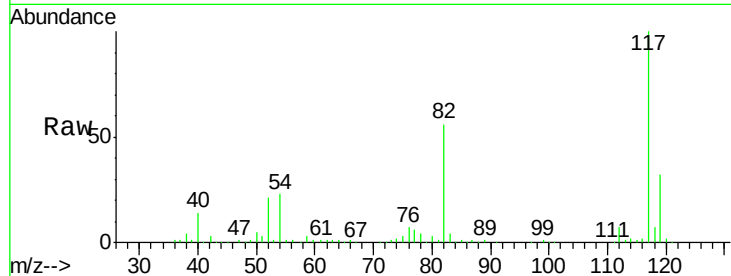




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

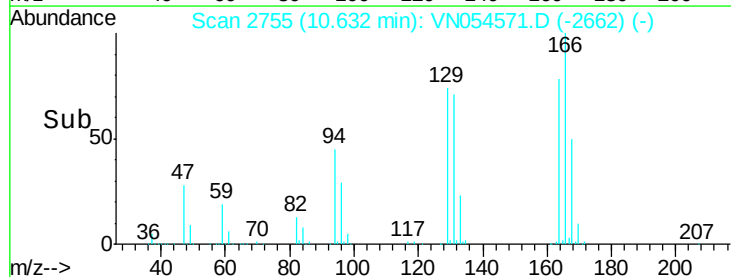
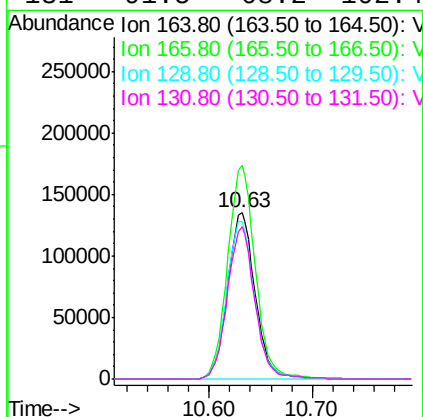
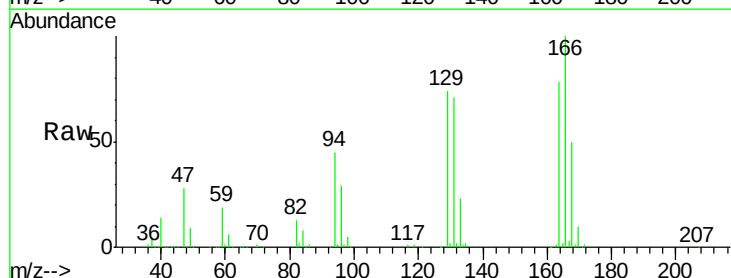
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

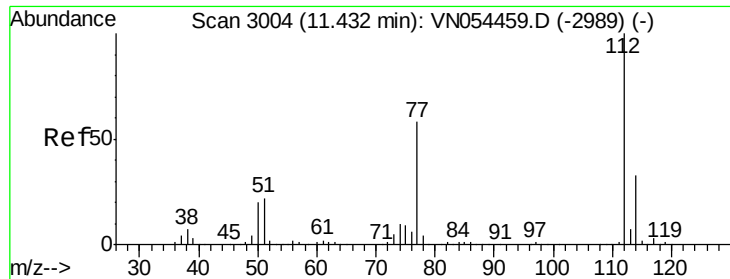
Tot Ion:117 Resp: 645505
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 47.067 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion:164 Resp: 252004
Ion Ratio Lower Upper
164 100
166 128.6 103.9 155.9
129 94.9 71.1 106.7
131 91.5 68.2 102.4

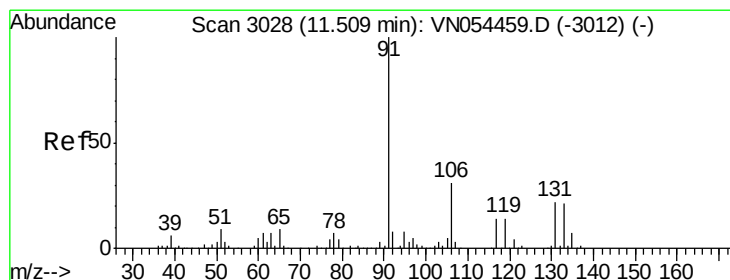
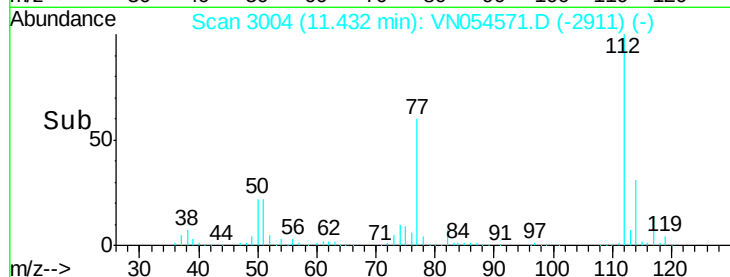
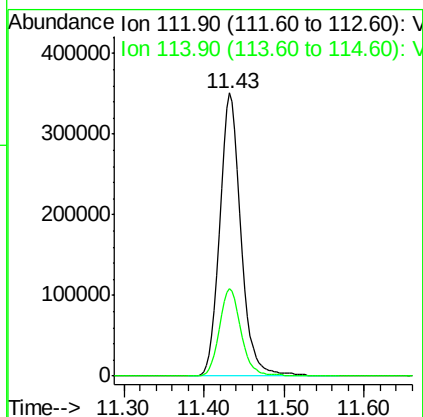
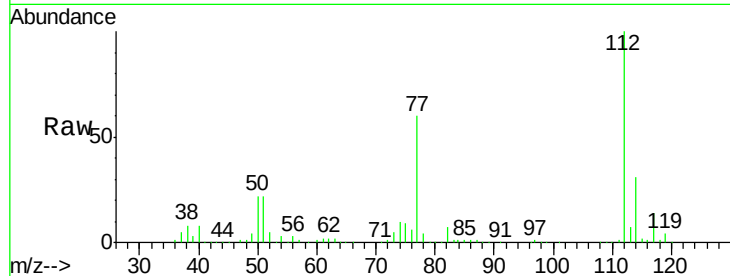




#65
Chlorobenzene
Concen: 49.033 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

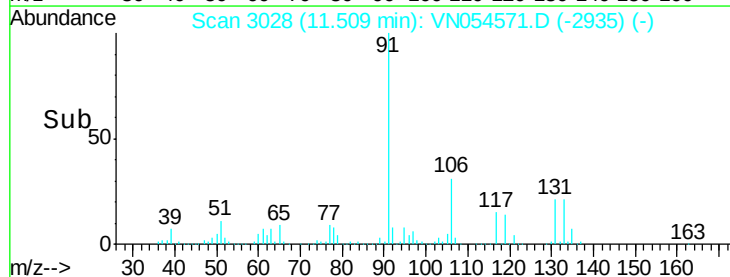
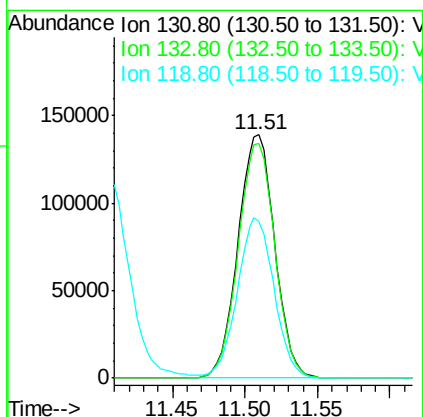
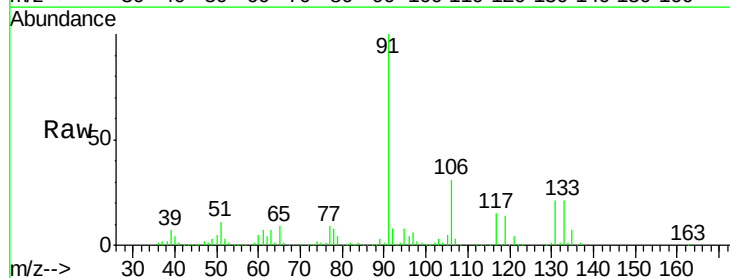
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

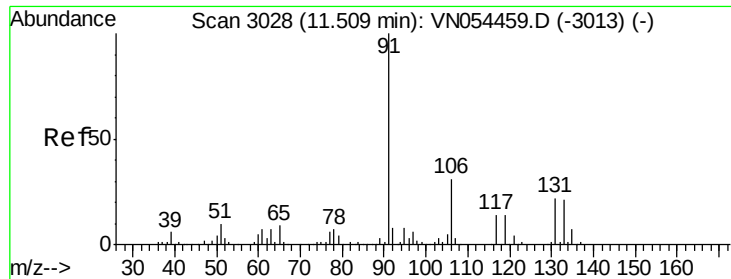
Tot Ion:112 Resp: 643739
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.000 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion:131 Resp: 245042
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 65.8 32.4 97.0

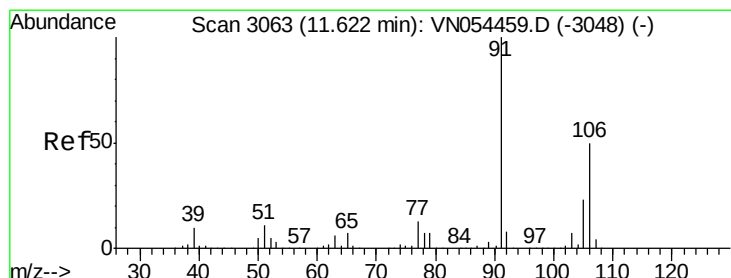
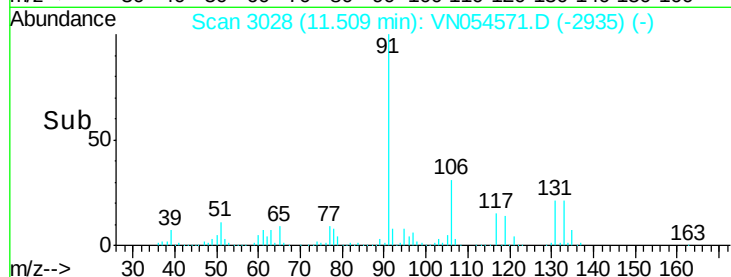
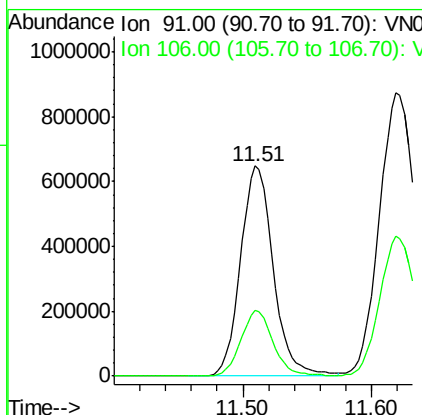
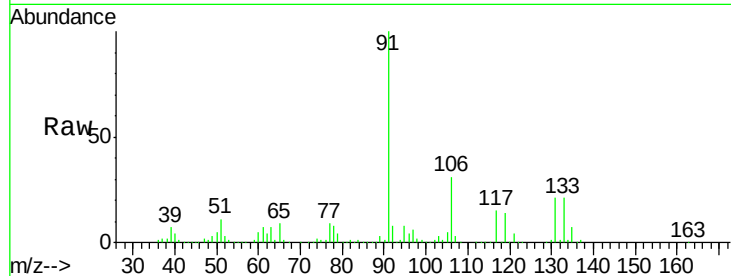




#67
Ethyl Benzene
Concen: 49.513 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

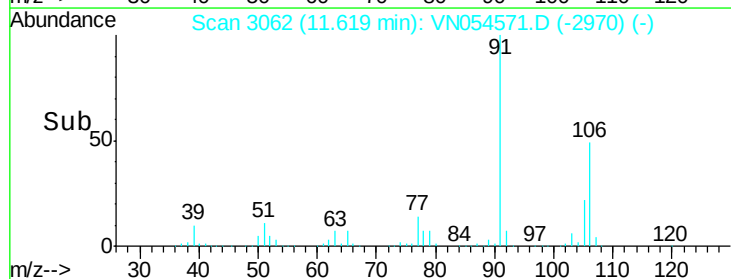
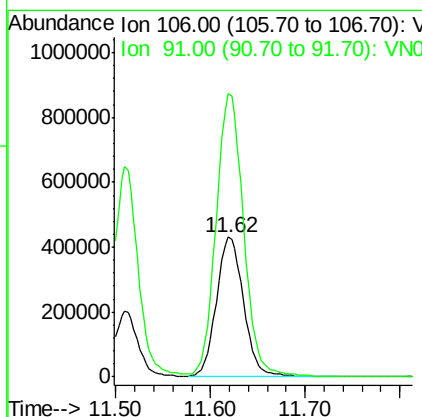
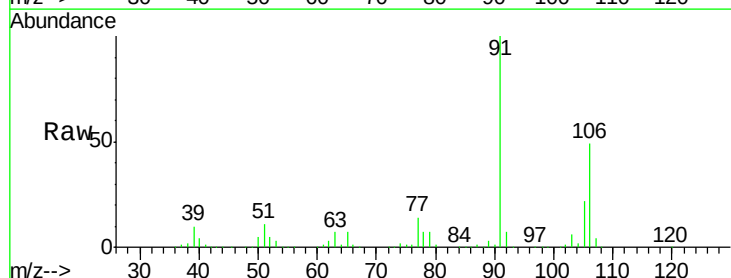
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

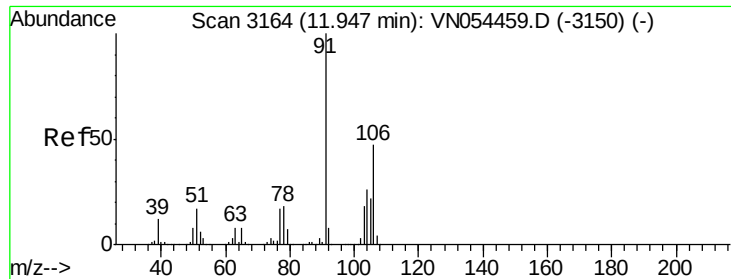
Tot Ion: 91 Resp: 1148270
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 98.303 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 106 Resp: 863517
Ion Ratio Lower Upper
106 100
91 205.3 159.4 239.2

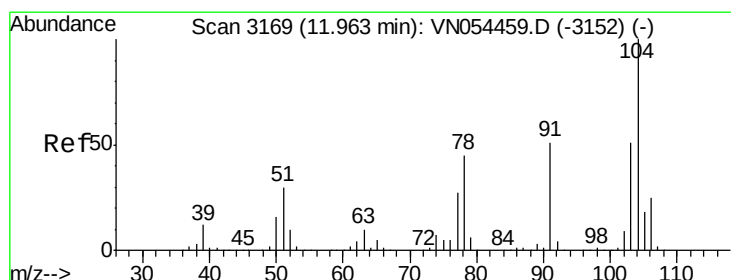
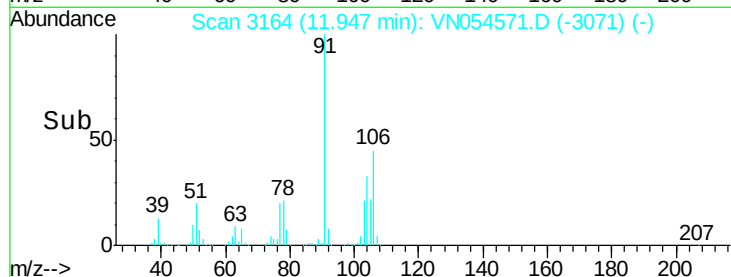
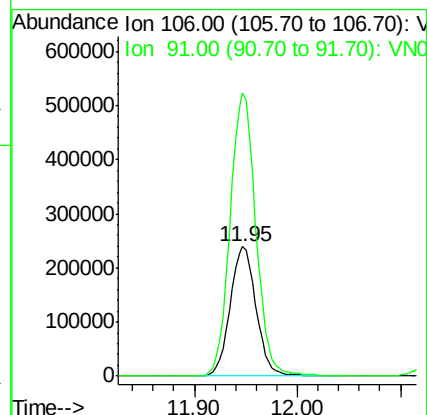
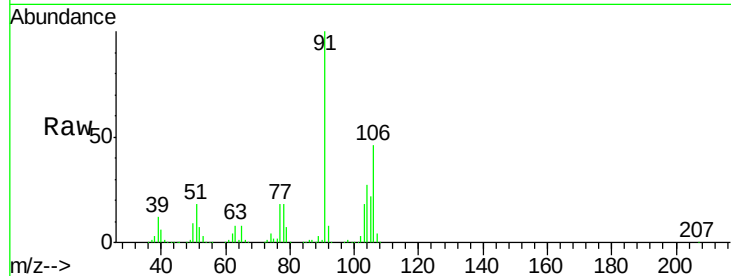




#69
o-Xylene
Concen: 48.931 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

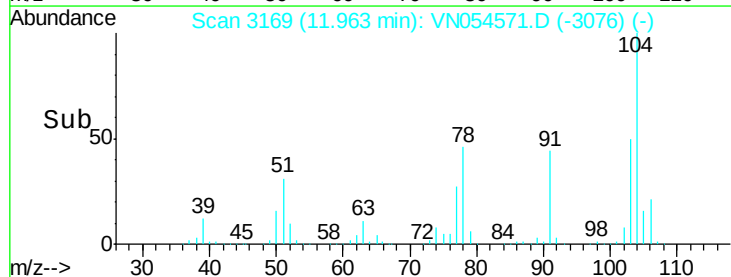
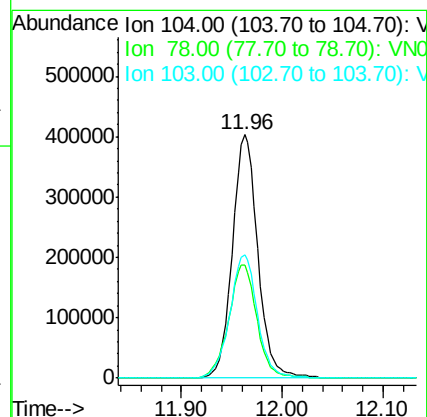
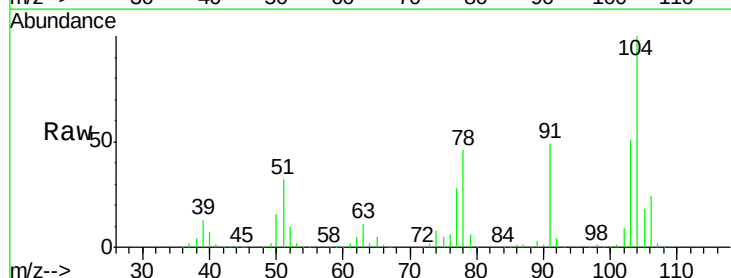
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

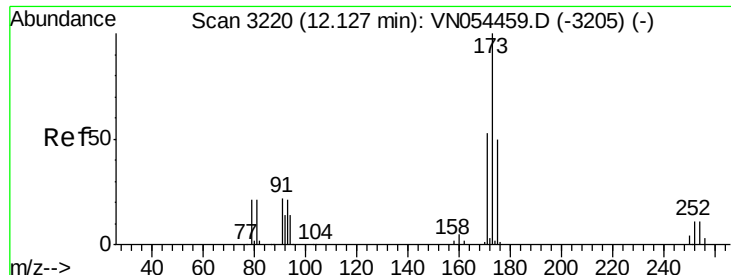
Tot Ion:106 Resp: 419760
Ion Ratio Lower Upper
106 100
91 217.4 105.7 317.1



#70
Styrene
Concen: 51.010 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion:104 Resp: 710630
Ion Ratio Lower Upper
104 100
78 51.7 38.2 57.2
103 55.0 44.4 66.6





#71

Bromoform

Concen: 47.212 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

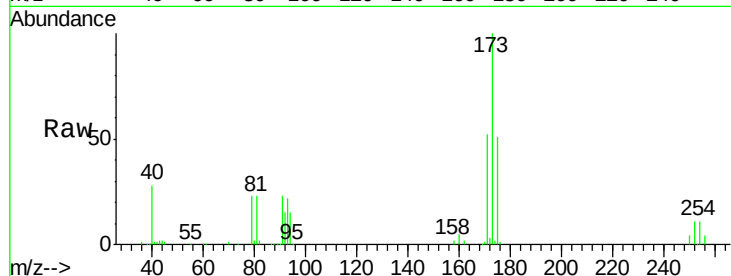
Tot Ion:173 Resp: 152963

Ion Ratio Lower Upper

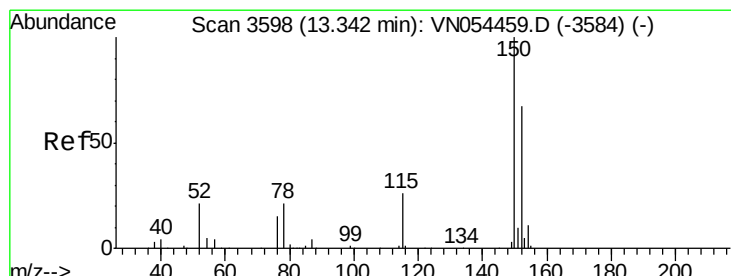
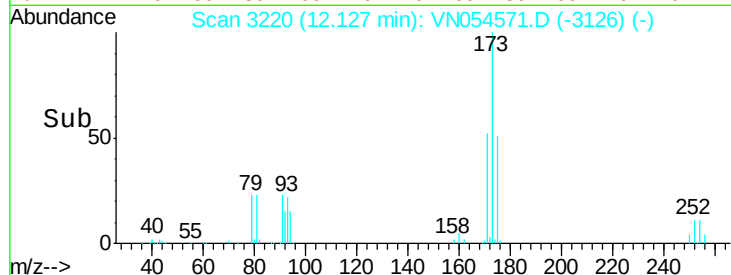
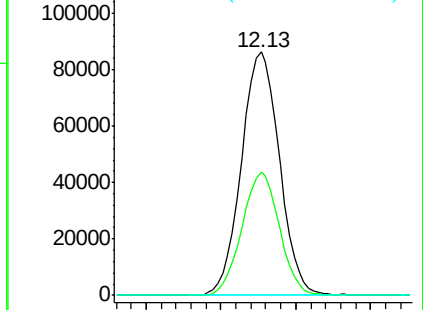
173 100

175 49.8 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

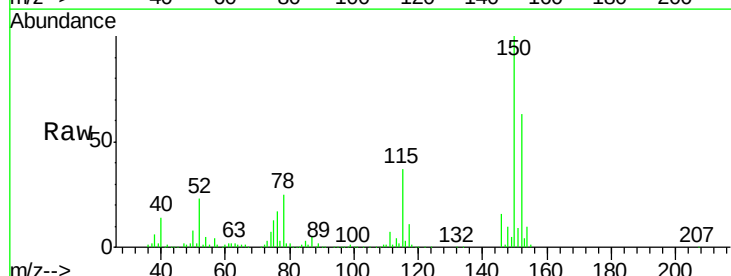
Tgt Ion:152 Resp: 282013

Ion Ratio Lower Upper

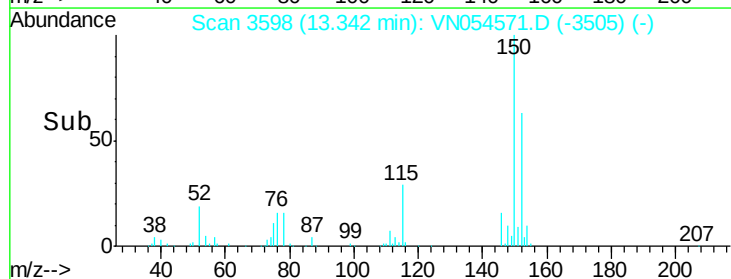
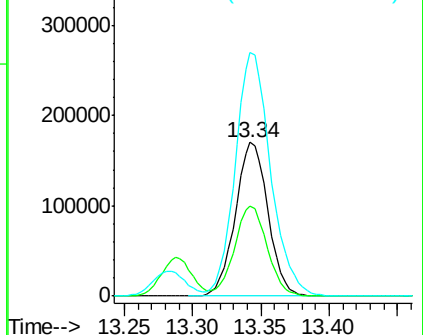
152 100

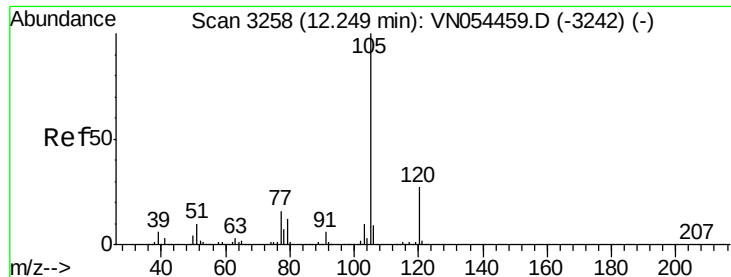
115 58.5 27.2 81.6

150 172.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.851 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

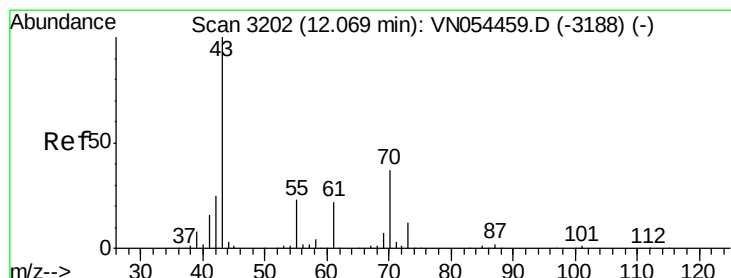
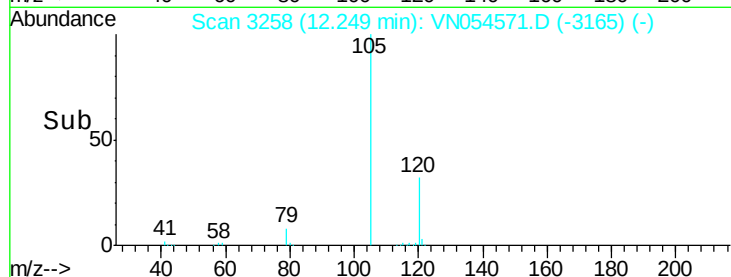
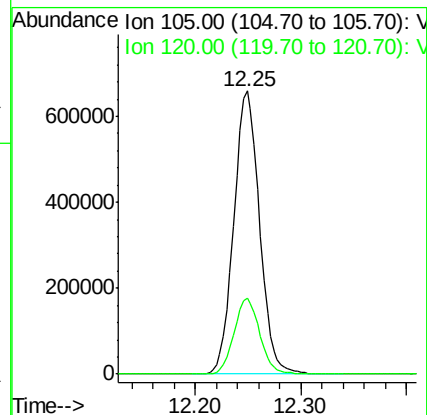
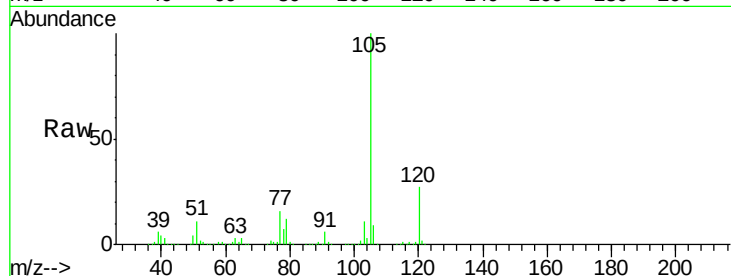
VSTDCCC050

Tot Ion:105 Resp: 1110148

Ion Ratio Lower Upper

105 100

120 26.7 13.8 41.3



#74

N-ethyl acetate

Concen: 60.254 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Tgt Ion: 43 Resp: 393716

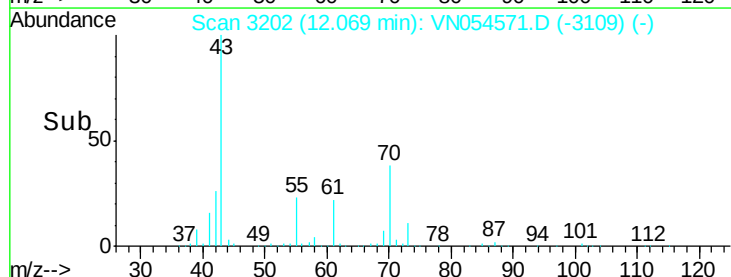
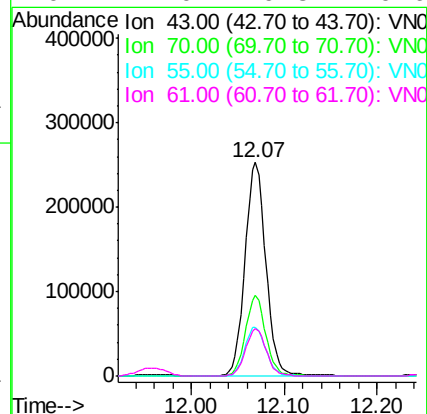
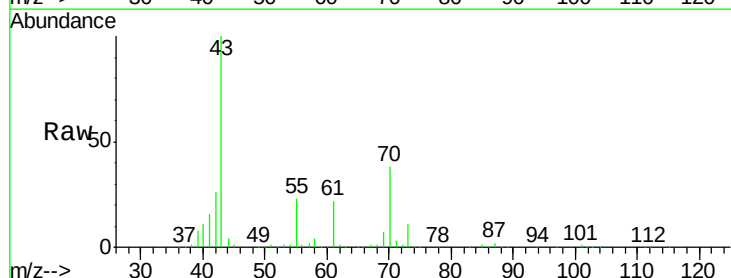
Ion Ratio Lower Upper

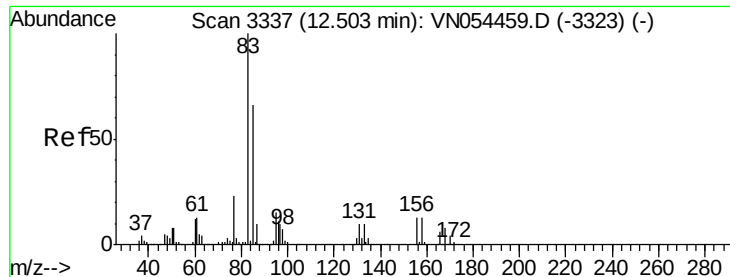
43 100

70 36.9 35.4 53.0

55 23.3 19.8 29.6

61 22.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 56.034 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

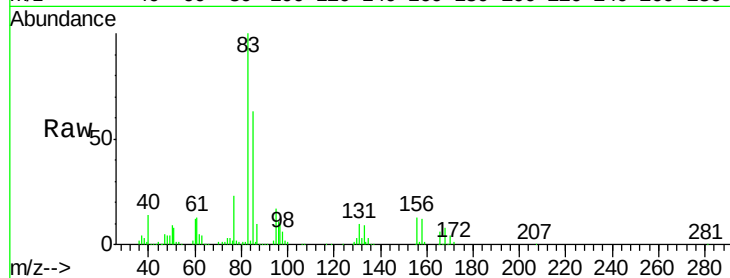
Tot Ion: 83 Resp: 290681

Ion Ratio Lower Upper

83 100

131 10.3 5.8 17.4

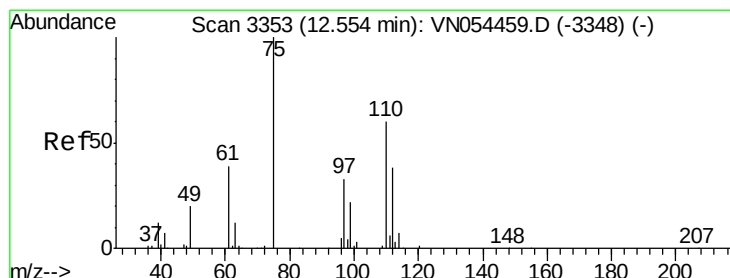
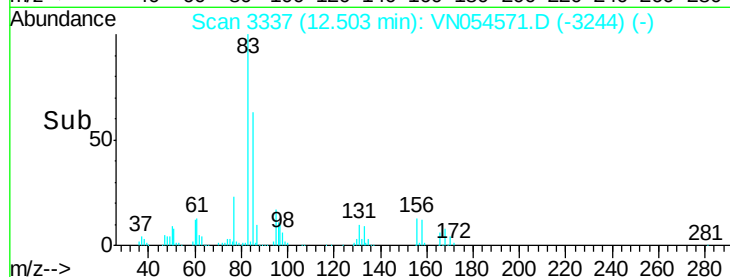
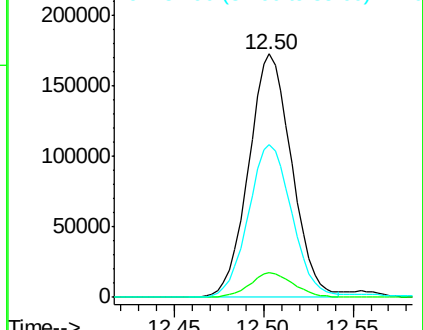
85 63.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054571.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN054571.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN054571.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 77.794 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054571.D

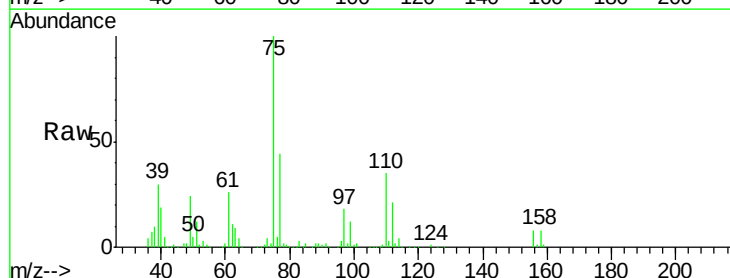
Acq: 22 Mar 2019 21:45

Tgt Ion: 75 Resp: 348136

Ion Ratio Lower Upper

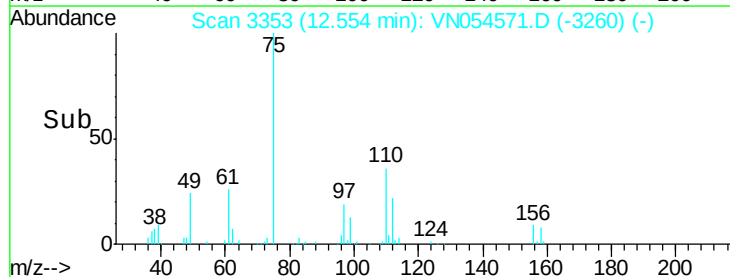
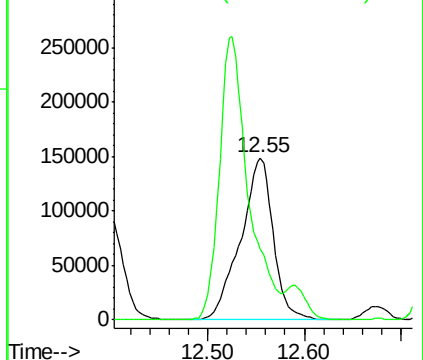
75 100

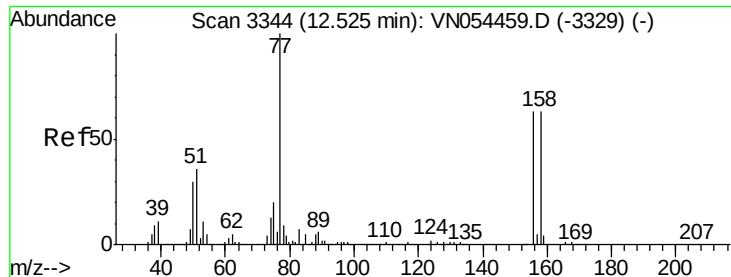
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054571.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054571.D (-3260) (-)





#77

Bromobenzene

Concen: 49.312 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

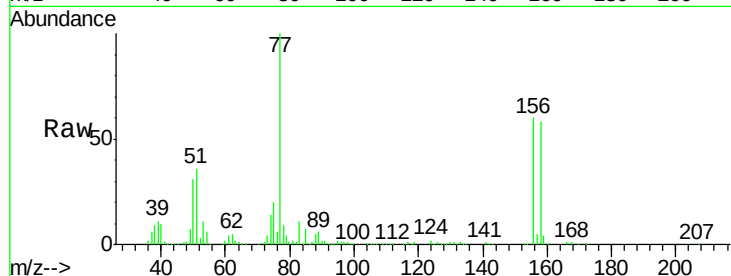
Tot Ion:156 Resp: 277931

Ion Ratio Lower Upper

156 100

77 195.5 81.5 244.4

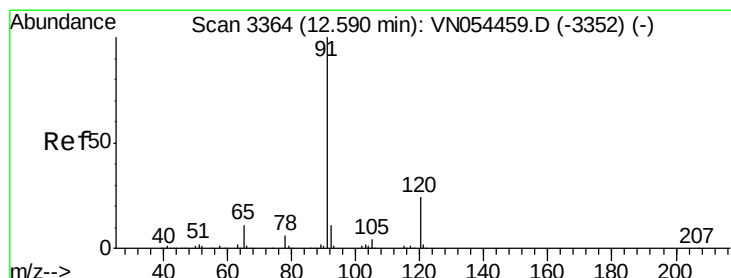
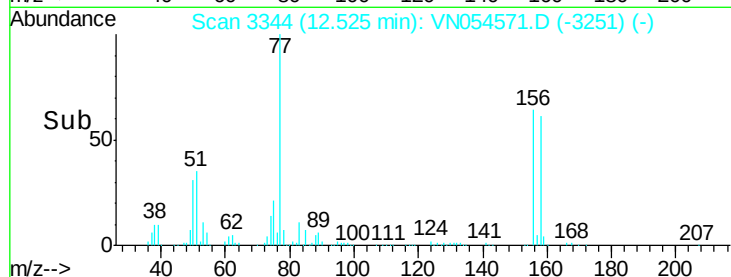
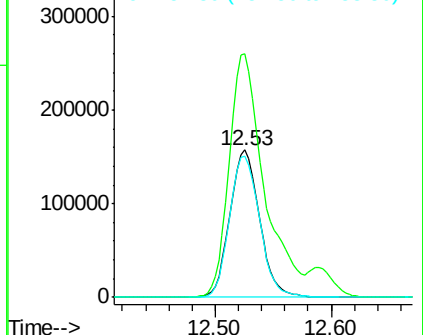
158 97.4 49.0 147.2



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: 49.648 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054571.D

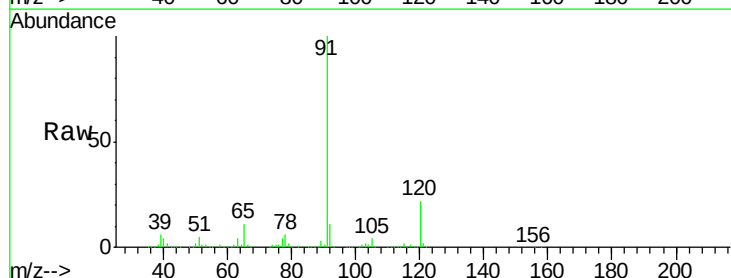
Acq: 22 Mar 2019 21:45

Tgt Ion: 91 Resp: 1223440

Ion Ratio Lower Upper

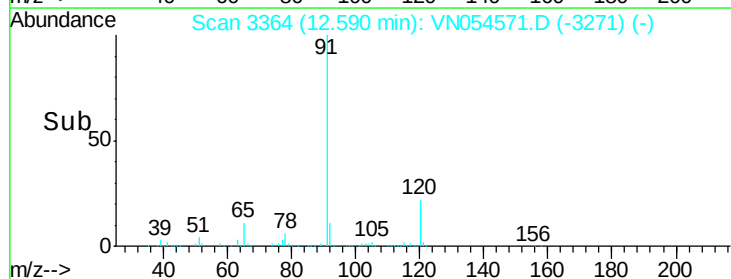
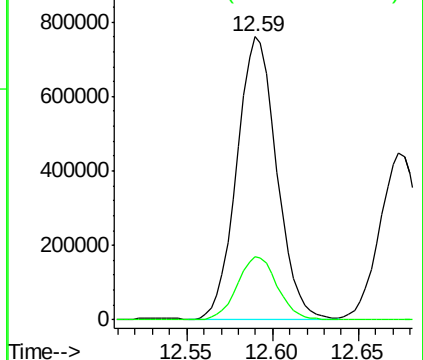
91 100

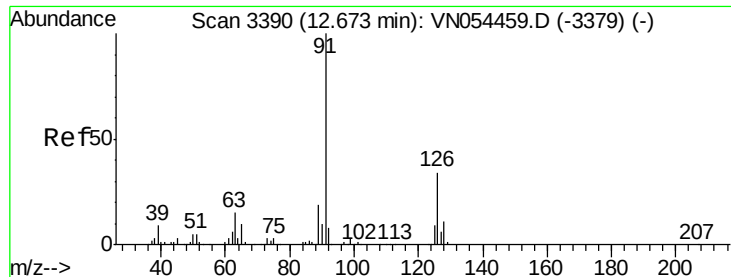
120 22.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.979 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

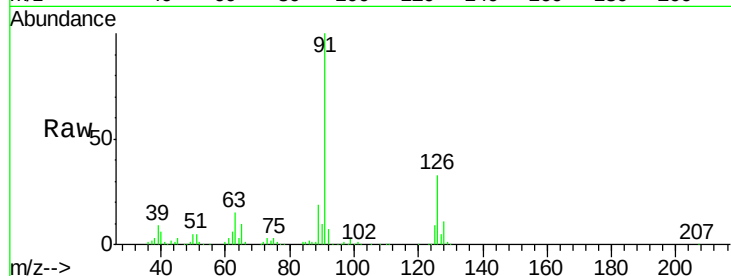
VSTDCCC050

Tot Ion: 91 Resp: 752656

Ion Ratio Lower Upper

91 100

126 34.3 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054459.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054459.D (-3379) (-)

12.67

400000

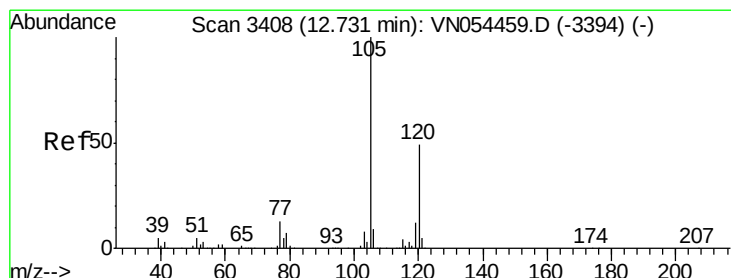
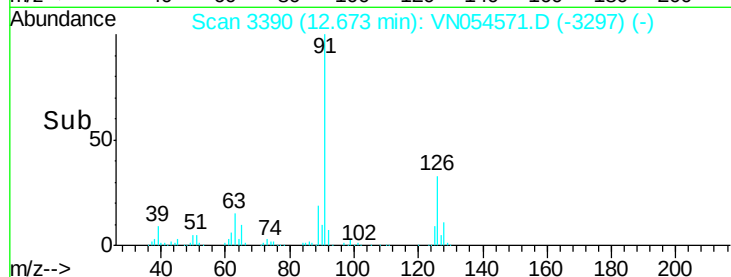
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.040 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054571.D

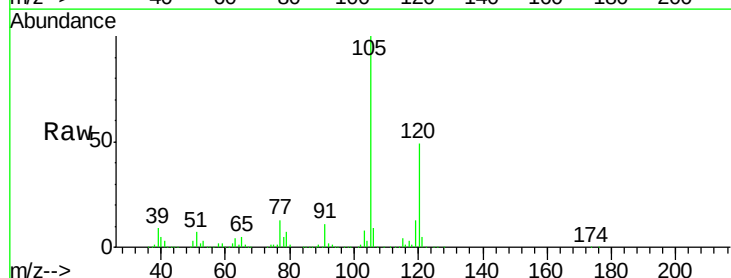
Acq: 22 Mar 2019 21:45

Tgt Ion: 105 Resp: 913378

Ion Ratio Lower Upper

105 100

120 49.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3394) (-)

12.73

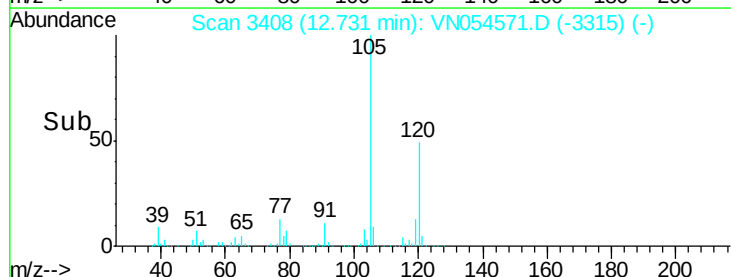
600000

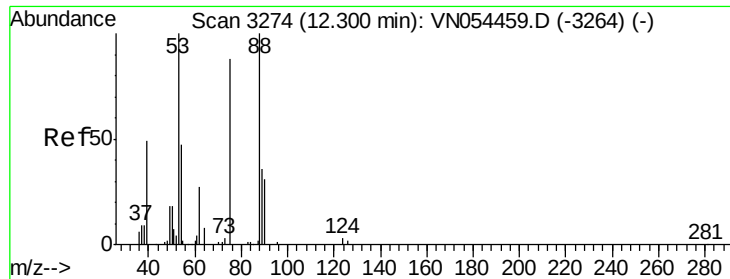
400000

200000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.840 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

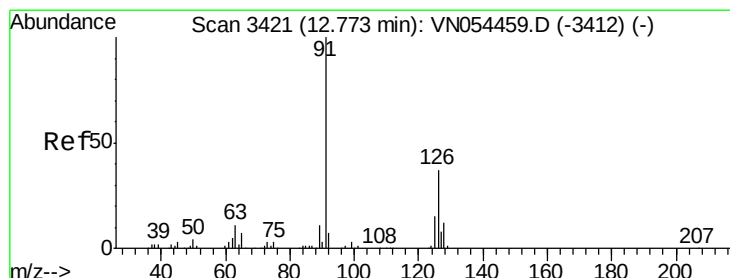
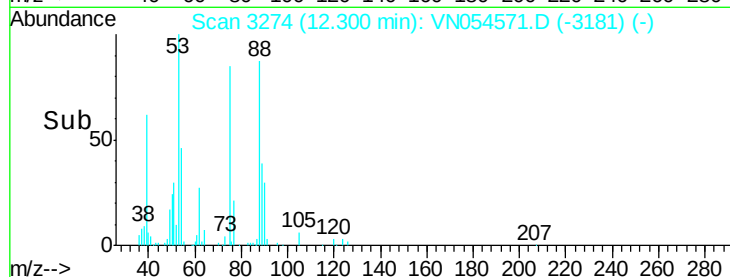
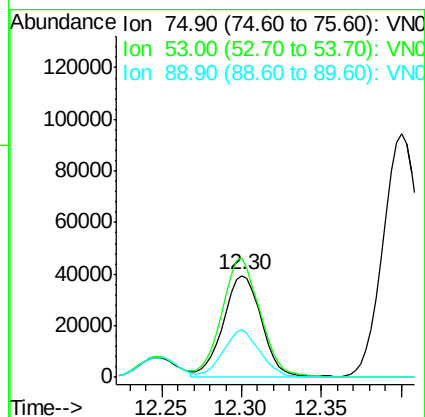
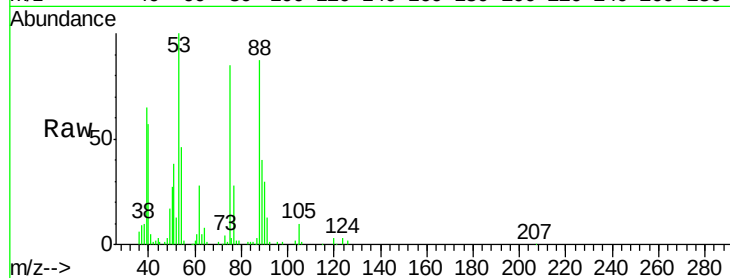
Tot Ion: 75 Resp: 63298

Ion Ratio Lower Upper

75 100

53 120.9 76.2 114.2#

89 46.4 39.2 58.8



#82

4-Chlorotoluene

Concen: 49.778 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054571.D

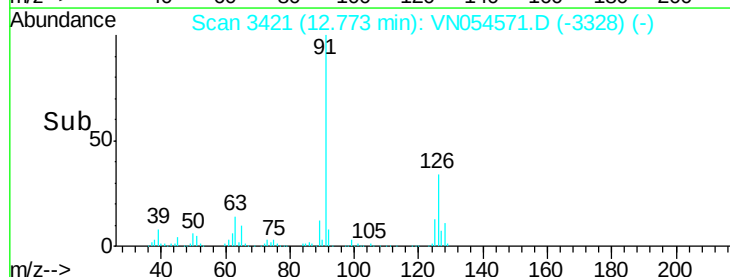
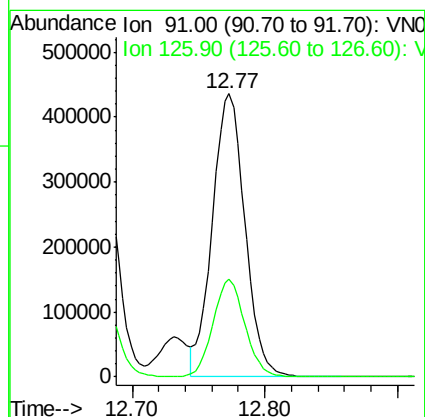
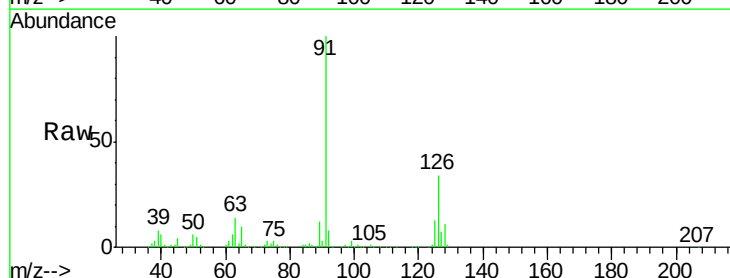
Acq: 22 Mar 2019 21:45

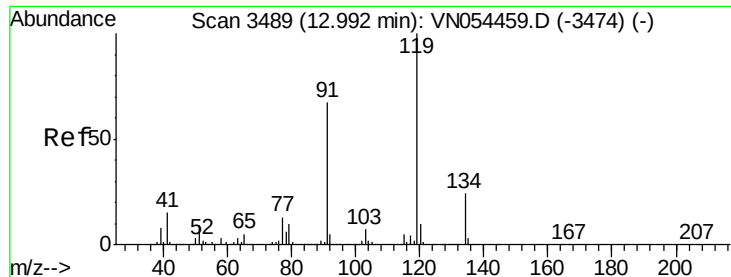
Tgt Ion: 91 Resp: 741464

Ion Ratio Lower Upper

91 100

126 33.9 18.1 54.1

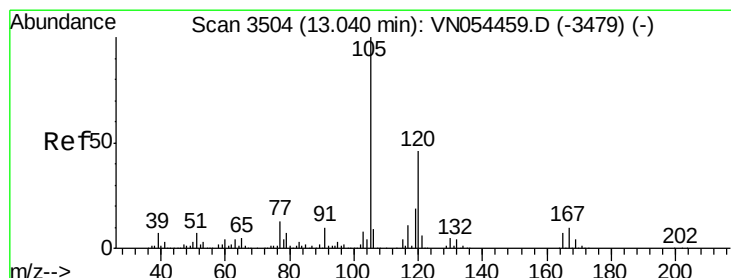
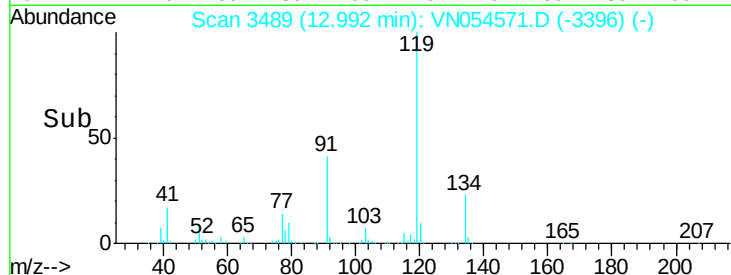
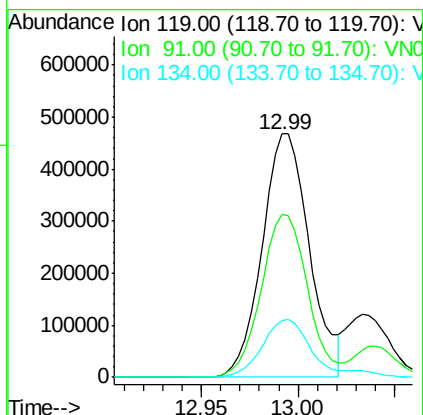
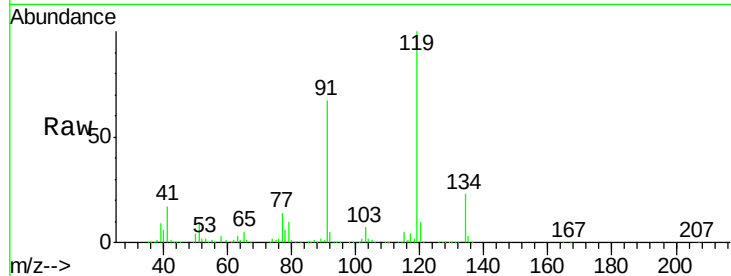




#83
 tert-Butylbenzene
 Concen: 49.044 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

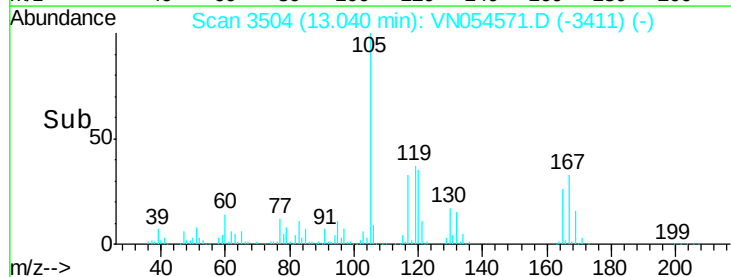
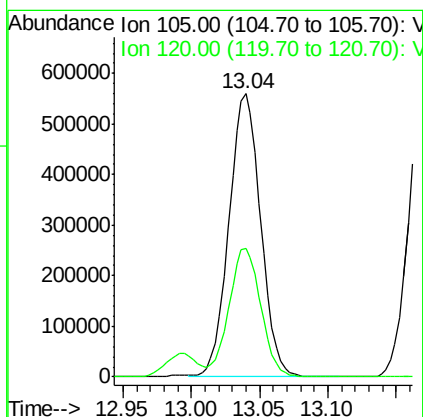
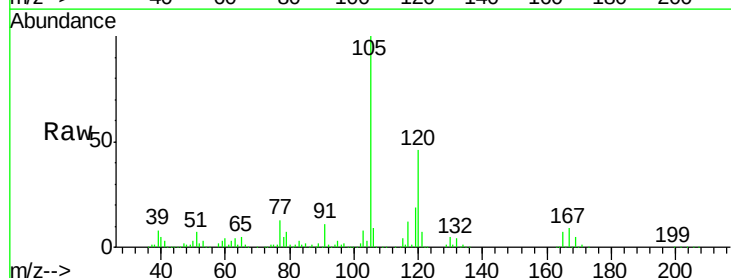
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

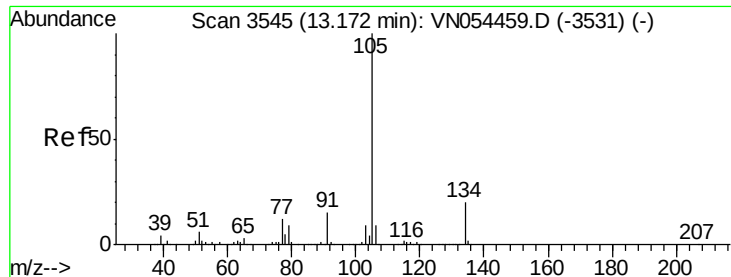
Tot Ion:119 Resp: 795110
 Ion Ratio Lower Upper
 119 100
 91 65.3 30.9 92.8
 134 23.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.354 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion:105 Resp: 901960
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.3





#85

sec-Butylbenzene

Concen: 48.879 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

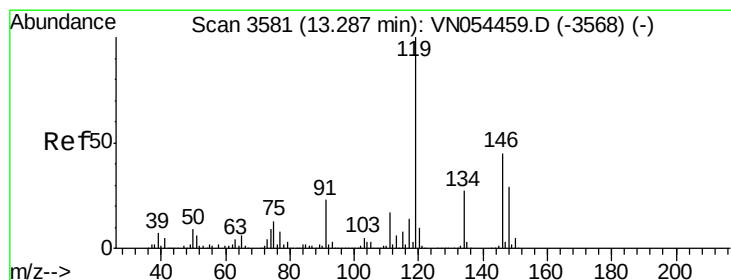
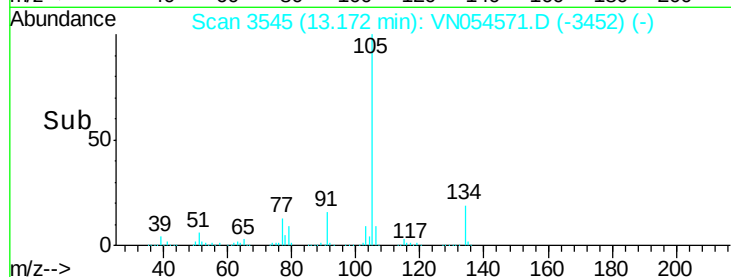
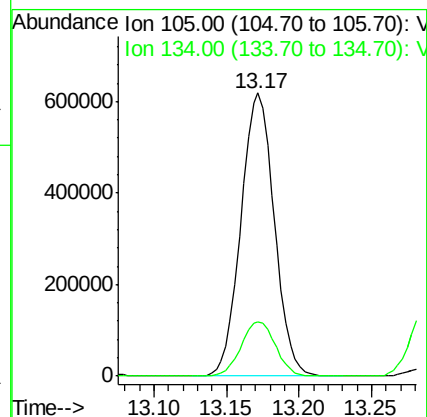
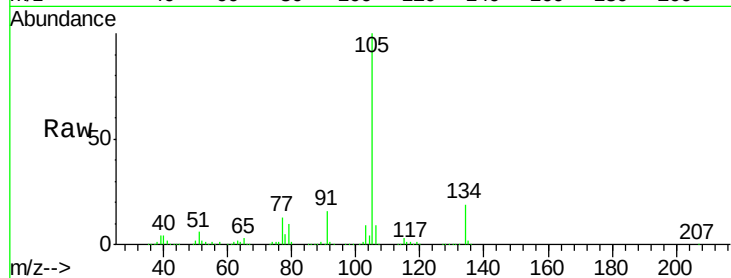
VSTDCCC050

Tot Ion:105 Resp: 987856

Ion Ratio Lower Upper

105 100

134 19.9 10.7 32.1



#86

p-Isopropyltoluene

Concen: 48.493 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

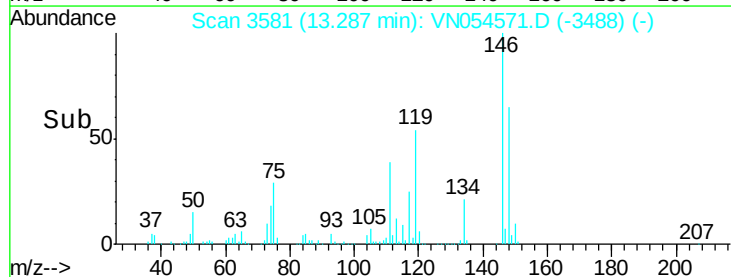
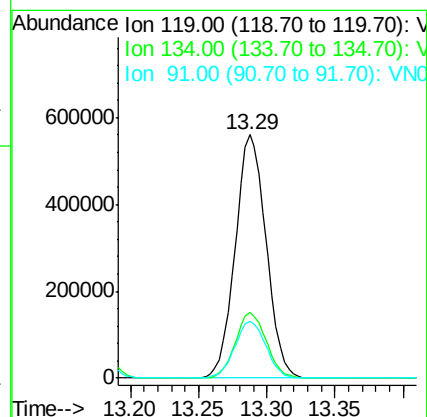
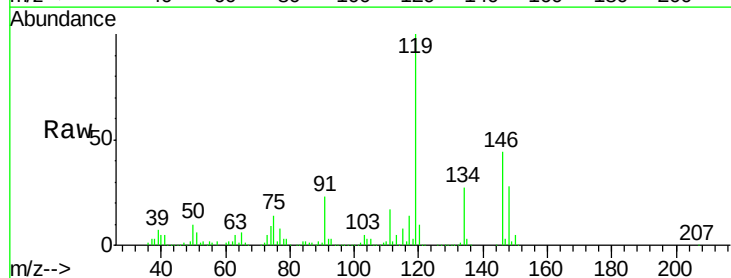
Tgt Ion:119 Resp: 876810

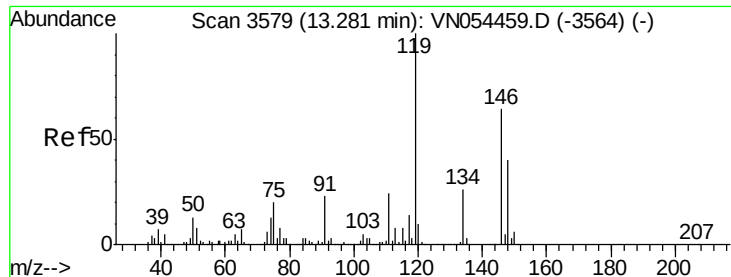
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 23.6 11.1 33.3

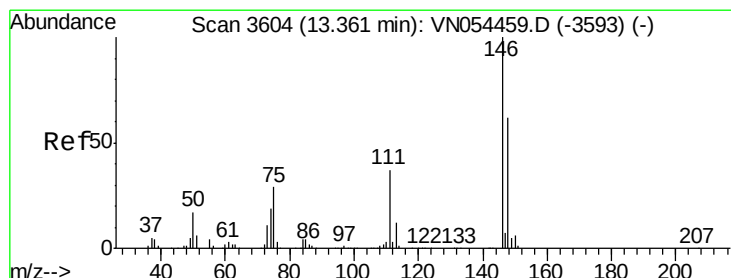
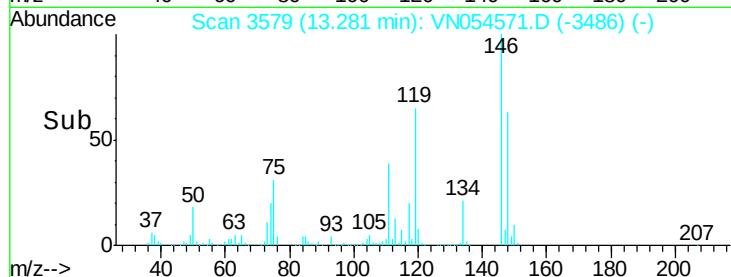
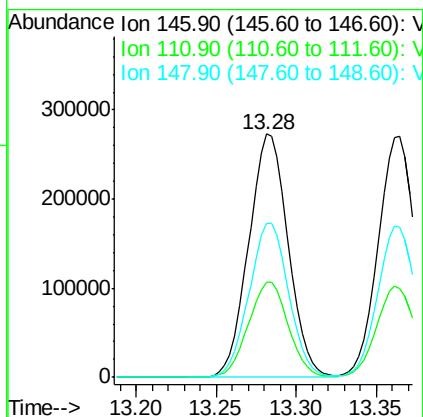
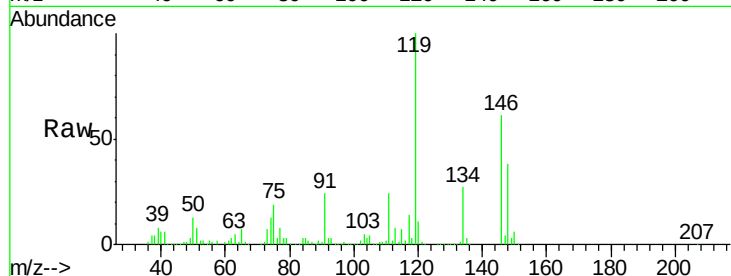




#87
 1,3-Dichlorobenzene
 Concen: 49.642 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

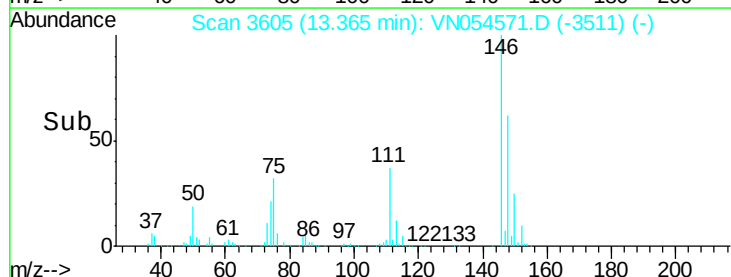
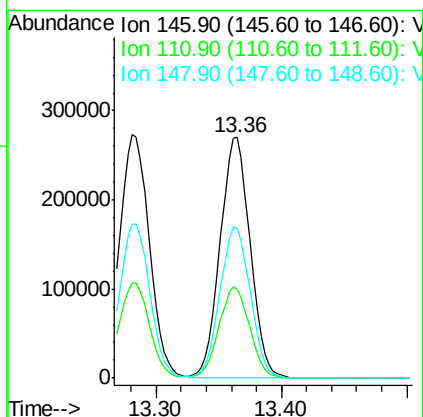
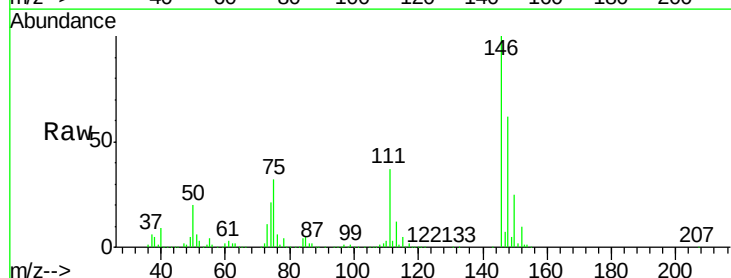
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

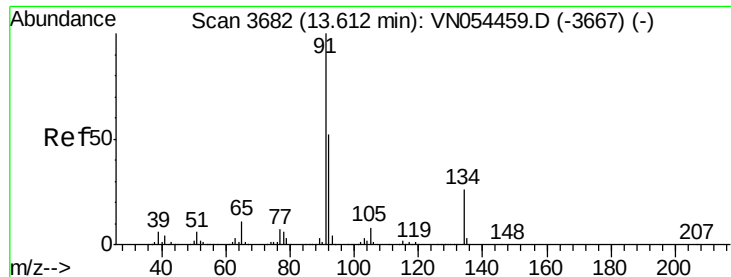
Tot Ion:146 Resp: 463655
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.8 56.3
 148 63.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.430 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion:146 Resp: 449194
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.1 54.1
 148 63.7 32.0 96.0

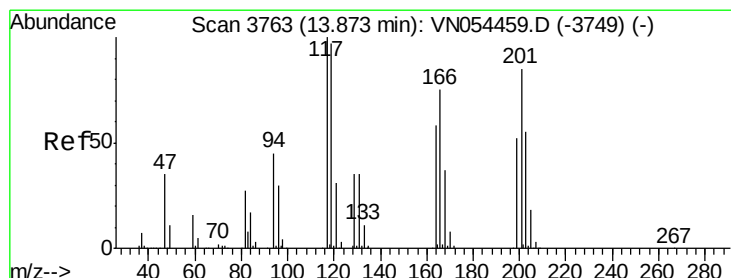
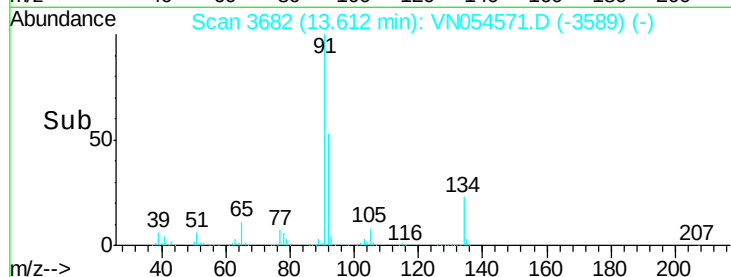
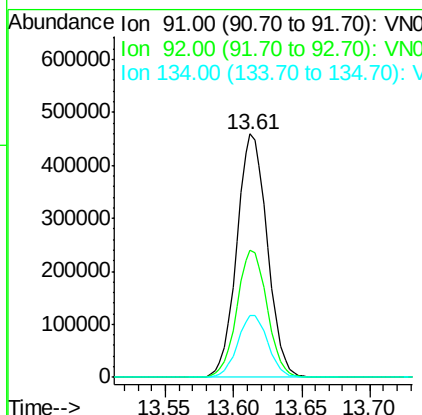
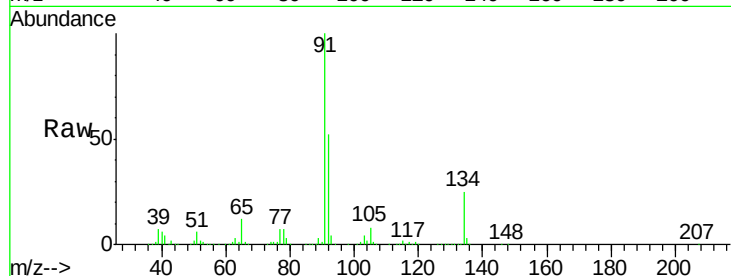




#89
n-Butylbenzene
Concen: 50.177 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

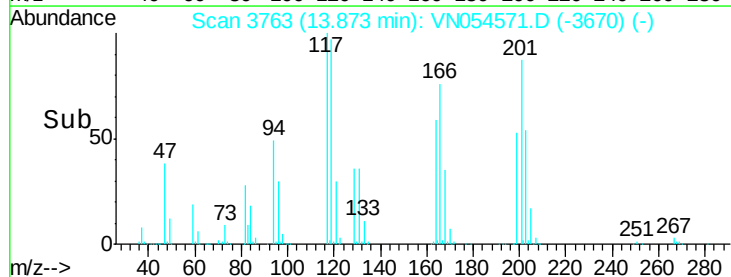
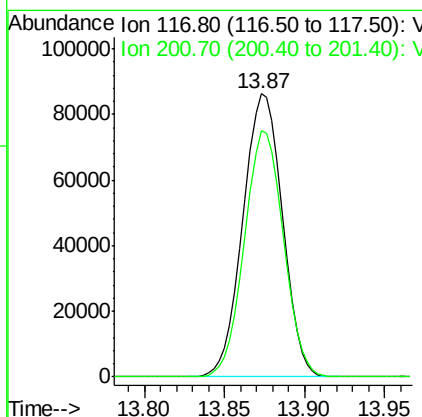
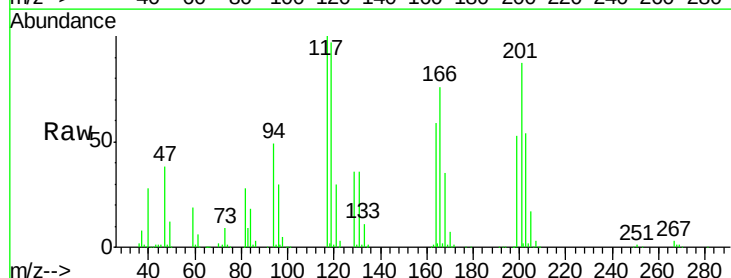
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

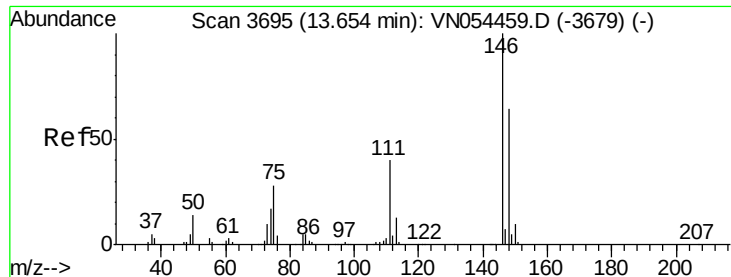
Tot Ion: 91 Resp: 709407
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.6
134 25.4 14.3 42.9



#90
Hexachloroethane
Concen: 51.937 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN054571.D
Acq: 22 Mar 2019 21:45

Tgt Ion: 117 Resp: 145765
Ion Ratio Lower Upper
117 100
201 85.9 48.1 144.4

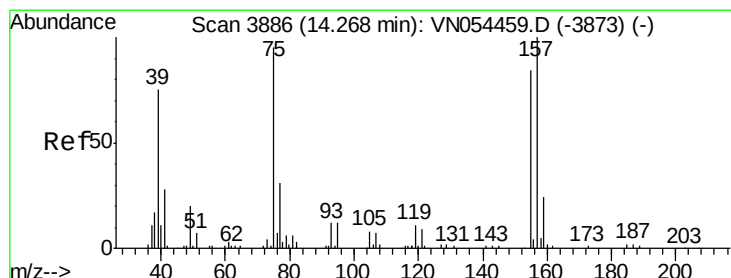
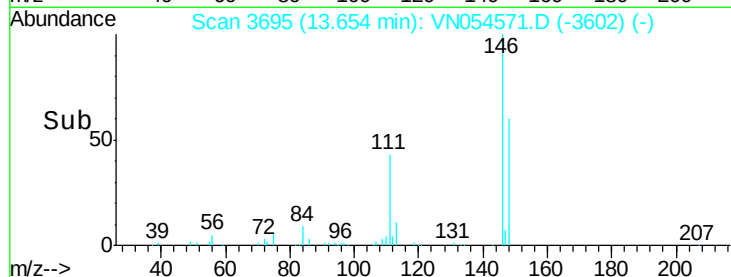
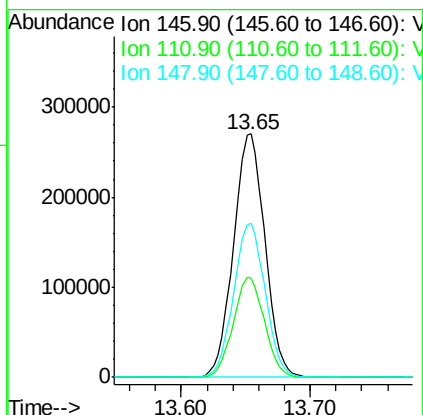
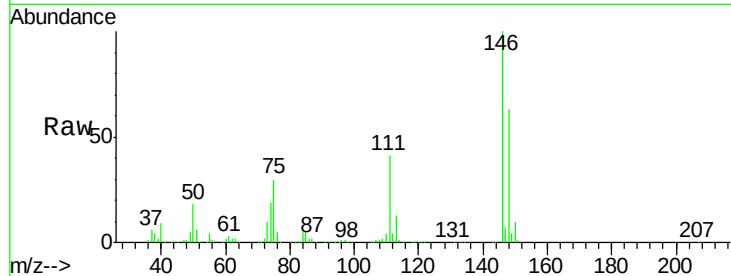




#91
 1,2-Dichlorobenzene
 Concen: 50.583 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

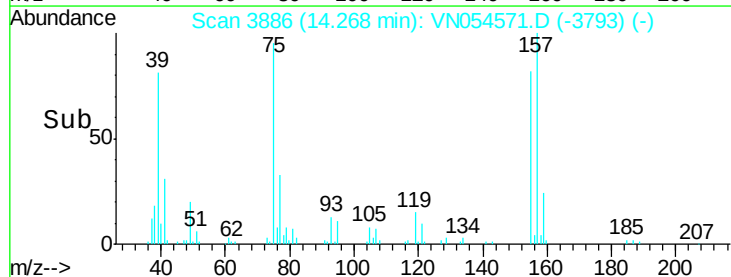
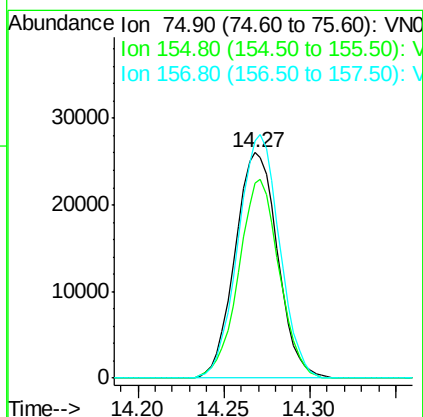
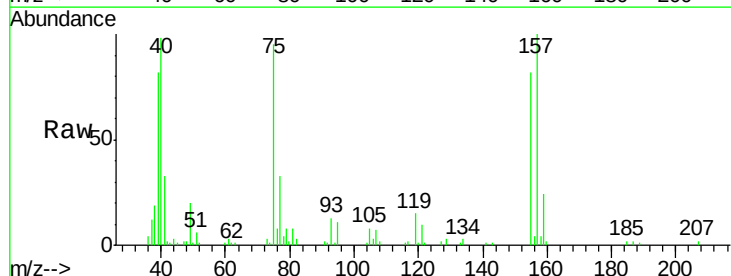
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

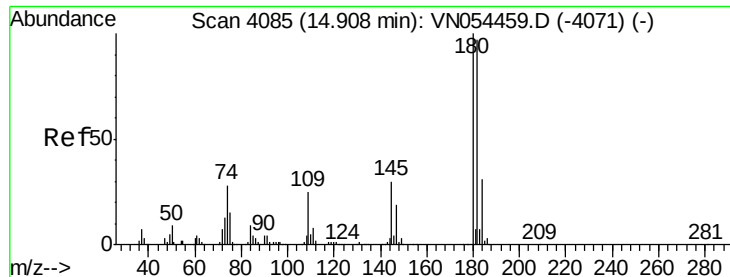
Tot Ion:146 Resp: 457604
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.1 57.3
 148 63.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.913 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion: 75 Resp: 44827
 Ion Ratio Lower Upper
 75 100
 155 83.6 50.1 150.3
 157 105.4 63.1 189.3

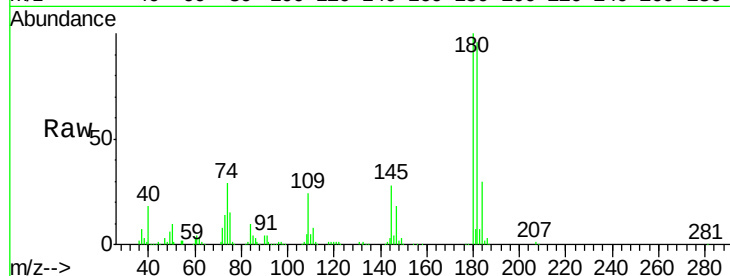




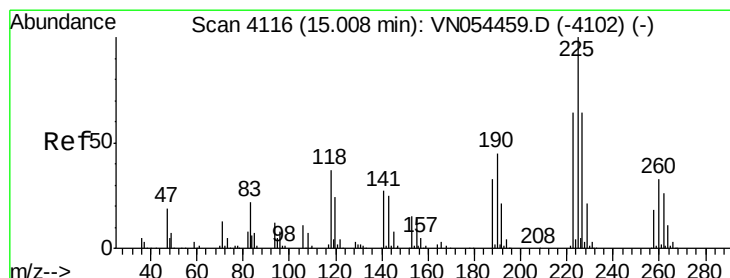
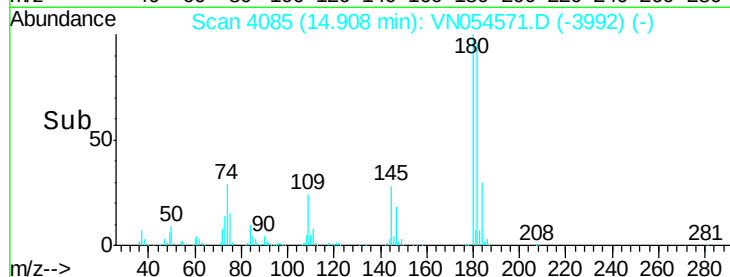
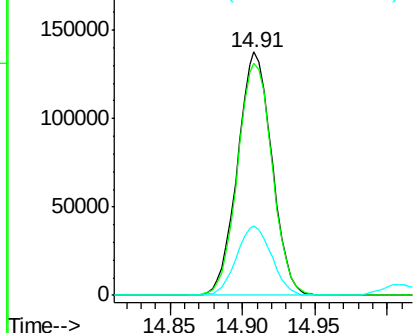
#93
 1,2,4-Trichlorobenzene
 Concen: 50.202 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 226400
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.0 144.2
 145 29.0 14.2 42.8

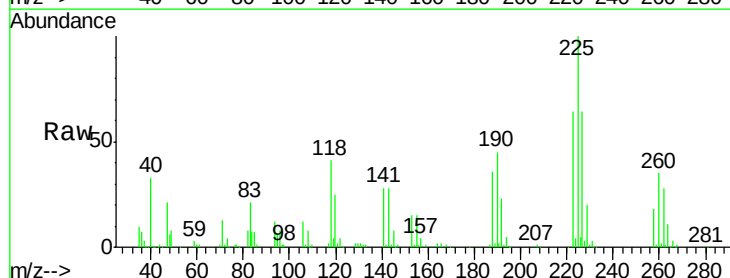


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

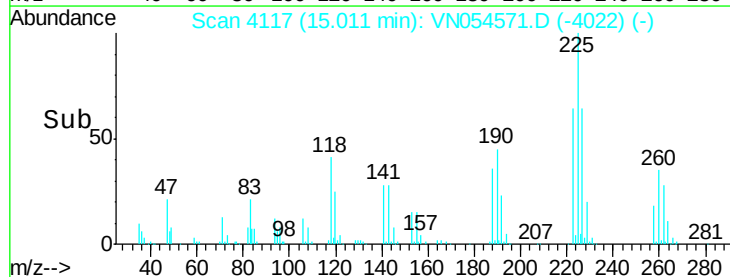
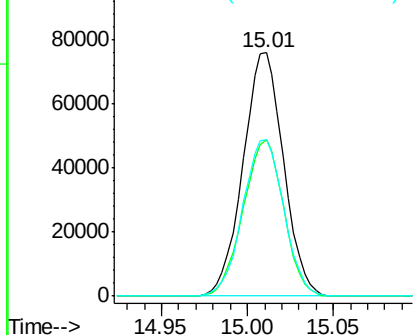


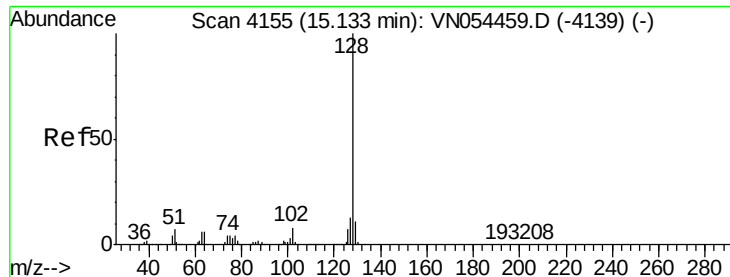
#94
 Hexachlorobutadiene
 Concen: 48.734 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054571.D
 Acq: 22 Mar 2019 21:45

Tgt Ion:225 Resp: 123642
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.5
 227 65.0 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.113 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

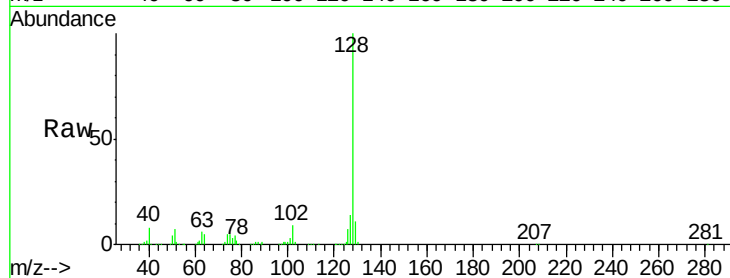
Tot Ion:128 Resp: 544339

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

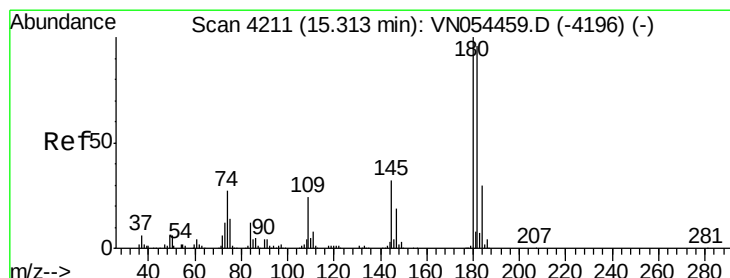
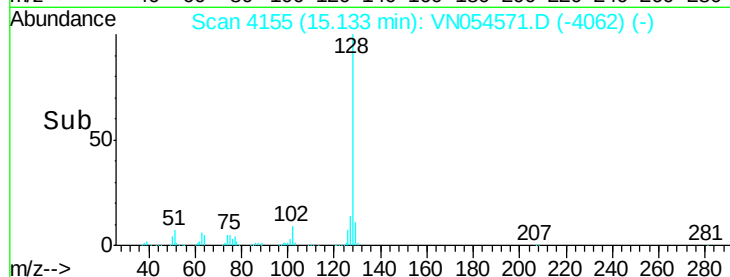
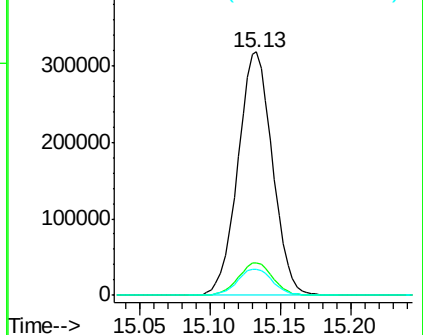
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.520 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054571.D

Acq: 22 Mar 2019 21:45

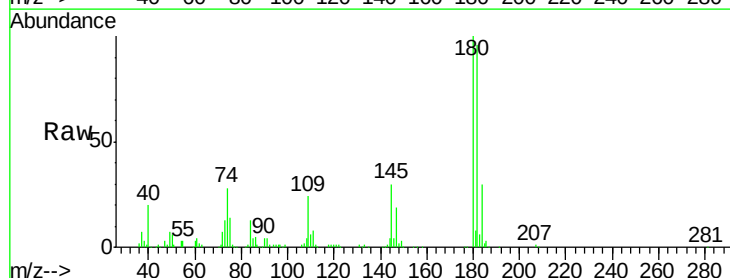
Tgt Ion:180 Resp: 231248

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.6

145 29.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

