

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD06CC1.D
 Acq On : 3 Apr 2019 1:20
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 03 04:56:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	578738	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	983976	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	803333	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	376372	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	303545	61.40	ug/l	0.04
Spiked Amount 50.000			Recovery =	122.80%		
35) Dibromofluoromethane	6.95	113	455239	60.54	ug/l	0.05
Spiked Amount 50.000			Recovery =	121.08%		
50) Toluene-d8	10.42	98	1088303	60.34	ug/l	0.04
Spiked Amount 50.000			Recovery =	120.68%		
62) 4-Bromofluorobenzene	13.56	95	416704	60.25	ug/l	0.02
Spiked Amount 50.000			Recovery =	120.50%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	328498	53.149	ug/l	99
3) Chloromethane	1.78	50	238385	47.292	ug/l	98
4) Vinyl Chloride	1.87	62	239148	51.671	ug/l	98
5) Bromomethane	2.17	94	55135	60.075	ug/l	87
6) Chloroethane	2.29	64	89186	65.711	ug/l	99
7) Trichlorofluoromethane	2.55	101	386891	57.487	ug/l	100
8) Diethyl Ether	2.89	74	118743	54.799	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.18	101	394169	54.478	ug/l	97
10) Methyl Iodide	3.32	142	519423	47.415	ug/l	97
11) Tert butyl alcohol	4.08	59	101089	328.334	ug/l	100
12) 1,1-Dichloroethene	3.15	96	312984	50.384	ug/l	99
13) Acrolein	3.06	56	50828	213.312	ug/l	98
14) Allyl chloride	3.64	41	498970	57.589	ug/l	98
15) Acrylonitrile	4.21	53	304095	284.571	ug/l	98
16) Acetone	3.23	43	332636	261.735	ug/l	97
17) Carbon Disulfide	3.39	76	926674	45.914	ug/l	100
18) Methyl Acetate	3.66	43	164995	61.747	ug/l	98
19) Methyl tert-butyl Ether	4.26	73	651349	60.574	ug/l	98
20) Methylene Chloride	3.83	84	402994	56.868	ug/l	97
21) trans-1,2-Dichloroethene	4.24	96	364684	54.376	ug/l	99
22) Diisopropyl ether	5.13	45	1094011	59.668	ug/l	94
23) Vinyl Acetate	5.08	43	2925930	293.785	ug/l	99
24) 1,1-Dichloroethane	5.01	63	618925	57.440	ug/l	99
25) 2-Butanone	6.09	43	447532	279.941	ug/l	100
26) 2,2-Dichloropropane	6.04	77	444086	51.845	ug/l	97
27) cis-1,2-Dichloroethene	6.06	96	402440	54.768	ug/l	97
28) Bromochloromethane	6.45	49	259055	59.558	ug/l #	97
29) Tetrahydrofuran	6.47	42	255229	329.385	ug/l	98
30) Chloroform	6.68	83	669844	60.163	ug/l	100
31) Cyclohexane	6.97	56	469480	55.136	ug/l	98
32) 1,1,1-Trichloroethane	6.90	97	560778	57.091	ug/l	96
36) 1,1-Dichloropropene	7.16	75	479918	55.883	ug/l	98
37) Ethyl Acetate	6.20	43	227687	61.992	ug/l	97
38) Carbon Tetrachloride	7.13	117	629501	63.790	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	469147	52.452	ug/l	99
40) Benzene	7.47	78	1202195	55.778	ug/l	97
41) Methacrylonitrile	6.46	41	285345	66.445	ug/l	98
42) 1,2-Dichloroethane	7.60	62	421468	65.373	ug/l	98
43) Isopropyl Acetate	9.25	43	324510	60.725	ug/l	99
44) Trichloroethene	8.55	130	437960	54.602	ug/l	98
45) 1,2-Dichloropropane	8.95	63	329116	60.219	ug/l	97
46) Dibromomethane	9.07	93	234901	63.857	ug/l	96
47) Bromodichloromethane	9.39	83	516622	62.573	ug/l	98
48) Methyl methacrylate	9.13	41	190276	64.517	ug/l	97
49) 1,4-Dioxane	9.09	88	44064	1354.572	ug/l	93
51) 4-Methyl-2-Pentanone	10.30	43	1041023	320.197	ug/l	95
52) Toluene	10.52	92	804200	61.160	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	451717	60.219	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	581474	63.660	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	267681	58.210	ug/l	99
56) Ethyl methacrylate	11.05	69	299724	60.672	ug/l	99
57) 1,3-Dichloropropane	11.41	76	422959	62.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	755013	313.833	ug/l	98
59) 2-Hexanone	11.54	43	727536	308.856	ug/l	98
60) Dibromochloromethane	11.69	129	428917	60.503	ug/l	99
61) 1,2-Dibromoethane	11.82	107	307637	57.774	ug/l	100
64) Tetrachloroethene	11.27	164	348477	55.272	ug/l	98
65) Chlorobenzene	12.41	112	901304	54.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	401708	63.195	ug/l	98
67) Ethyl Benzene	12.53	91	1555506	62.074	ug/l	97
68) m/p-Xylenes	12.67	106	999858	105.332	ug/l	91
69) o-Xylene	13.05	106	500977	54.385	ug/l	99
70) Styrene	13.08	104	836780	52.110	ug/l	97
71) Bromoform	13.24	173	249309	61.870	ug/l	# 98
73) Isopropylbenzene	13.40	105	1375438	52.507	ug/l	98
74) N-amyl acetate	13.27	43	403072	55.237	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	310850	56.254	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	301946	55.538	ug/l	100
77) Bromobenzene	13.68	156	405646	52.235	ug/l	80
78) n-propylbenzene	13.78	91	1713739	53.460	ug/l	98
79) 2-Chlorotoluene	13.85	91	1041286	59.823	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	1189384	58.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	92280	55.668	ug/l	93
82) 4-Chlorotoluene	13.95	91	1109125	58.603	ug/l	99
83) tert-Butylbenzene	14.19	119	1265421	49.820	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	1151491	52.332	ug/l	98
85) sec-Butylbenzene	14.37	105	1520264	56.341	ug/l	100
86) p-Isopropyltoluene	14.50	119	1253134	54.921	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	748602	56.926	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	707359	55.158	ug/l	99
89) n-Butylbenzene	14.80	91	1147421	54.789	ug/l	99
90) Hexachloroethane	15.01	117	376175	58.357	ug/l	72
91) 1,2-Dichlorobenzene	14.81	146	618309	57.322	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	44356	68.440	ug/l	96

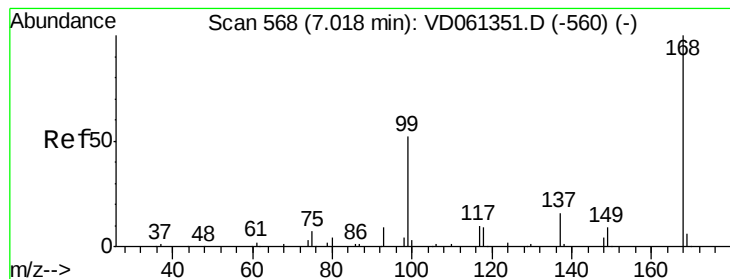
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	271669	55.288	ug/l	97
94) Hexachlorobutadiene	16.04	225	210085	54.714	ug/l	97
95) Naphthalene	16.13	128	450925	60.205	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	129808	60.034	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

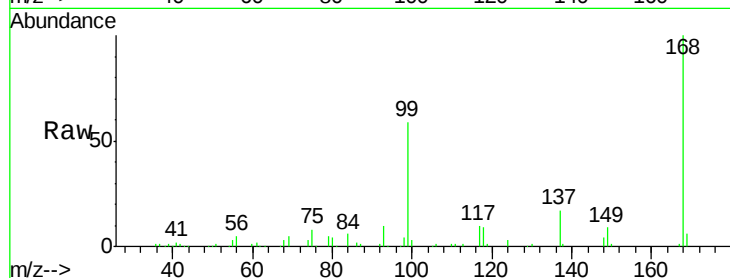
ClientSampled :

Tot Ion:168 Resp: 578738

Ion Ratio Lower Upper

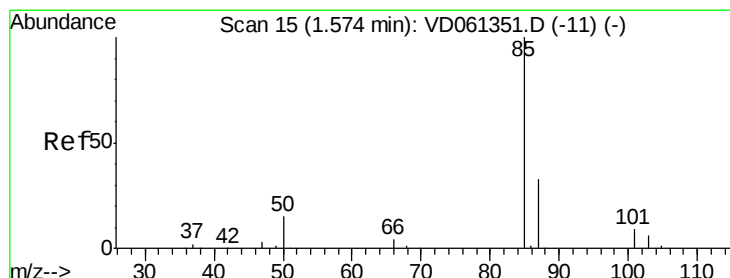
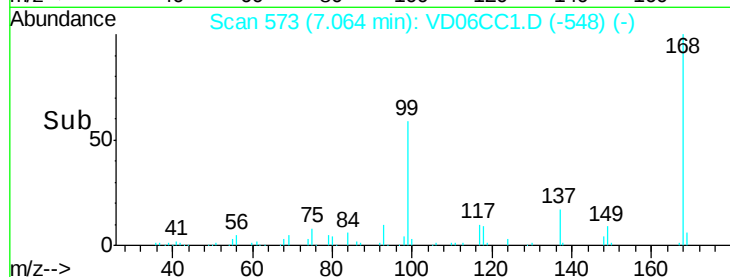
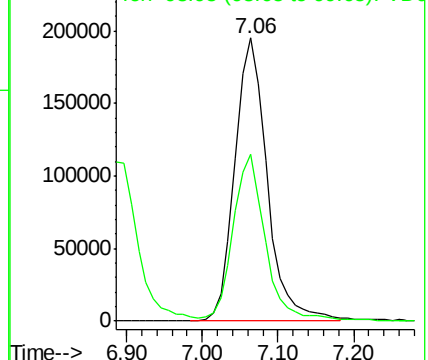
168 100

99 58.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 53.149 ug/l

RT: 1.59 min Scan# 17

Delta R.T. 0.02 min

Lab File: VD06CC1.D

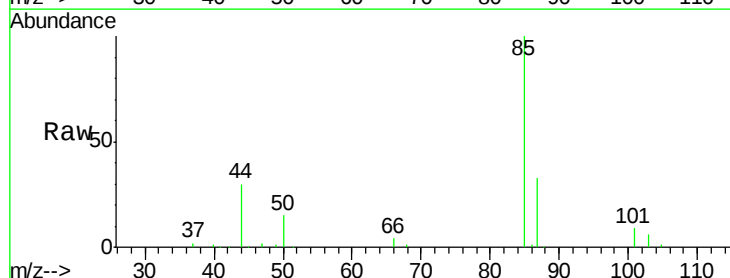
Acq: 3 Apr 2019 1:20

Tgt Ion: 85 Resp: 328498

Ion Ratio Lower Upper

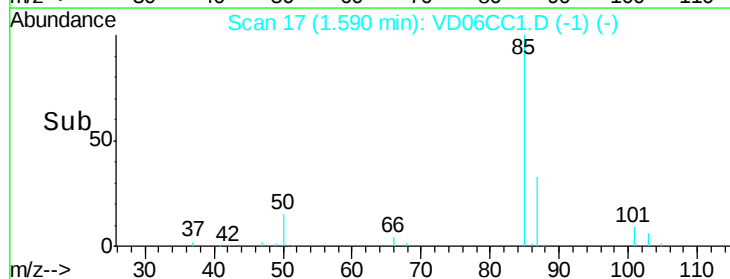
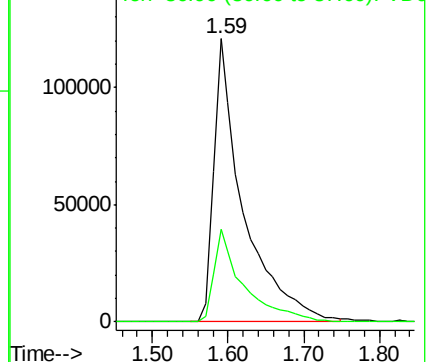
85 100

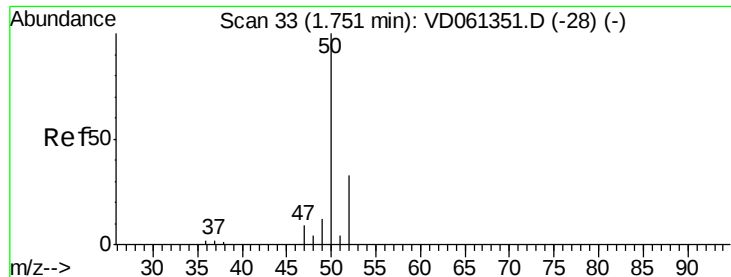
87 32.8 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.292 ug/l

RT: 1.78 min Scan# 36

Delta R.T. 0.03 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

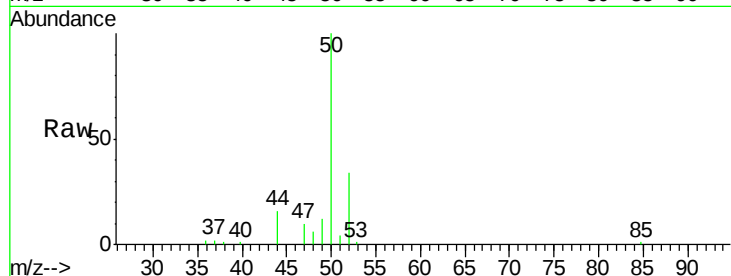
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 50 Resp: 238385

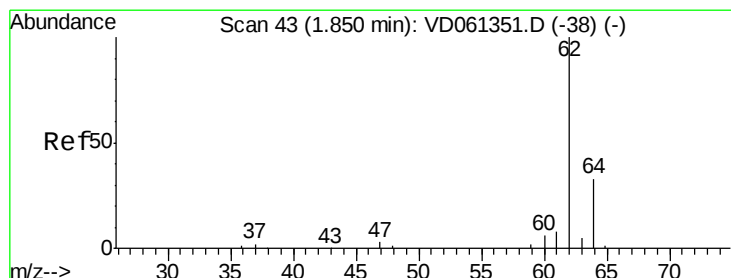
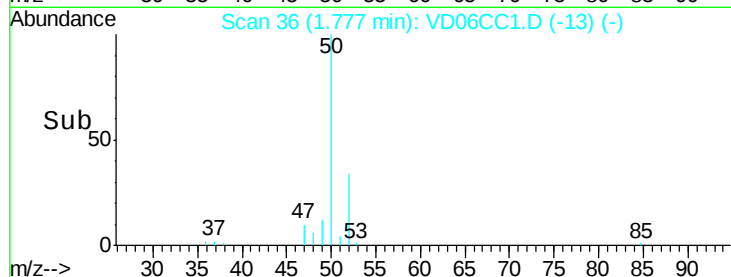
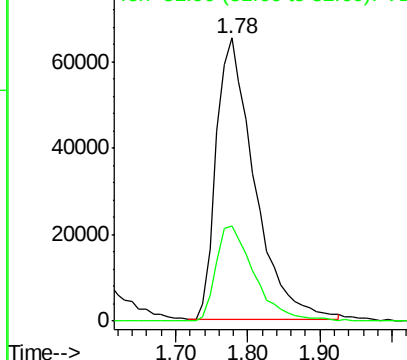
Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC
Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.671 ug/l

RT: 1.87 min Scan# 45

Delta R.T. 0.02 min

Lab File: VD06CC1.D

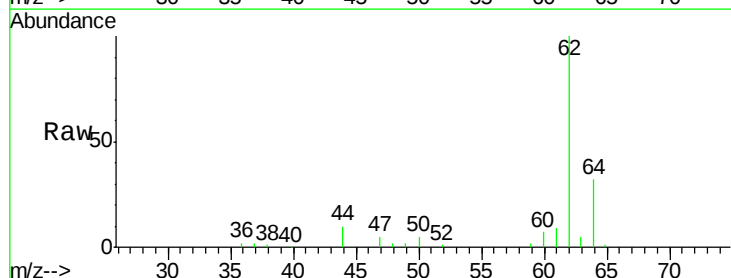
Acq: 3 Apr 2019 1:20

Tgt Ion: 62 Resp: 239148

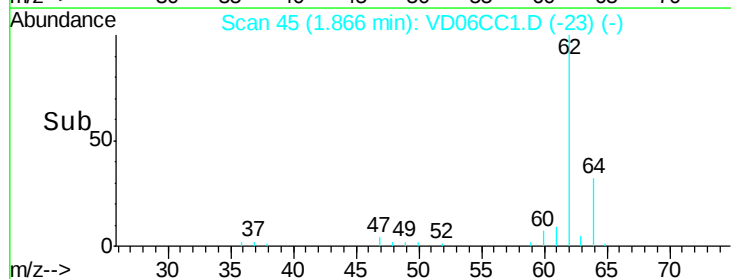
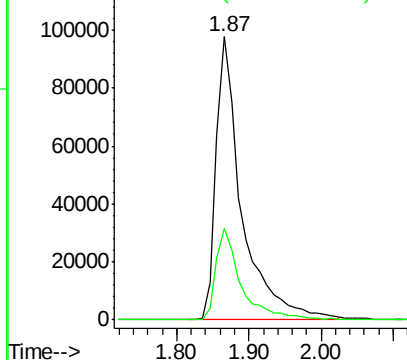
Ion Ratio Lower Upper

62 100

64 32.1 26.6 39.8



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 63.95 (63.65 to 64.65): VDC

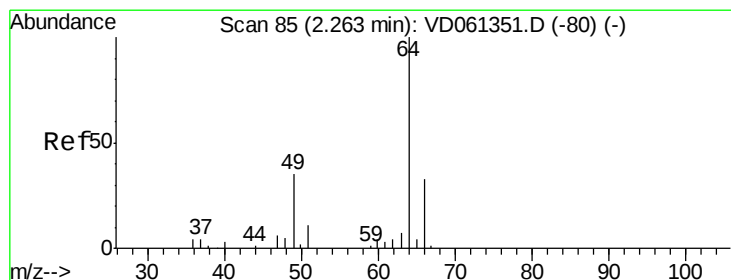
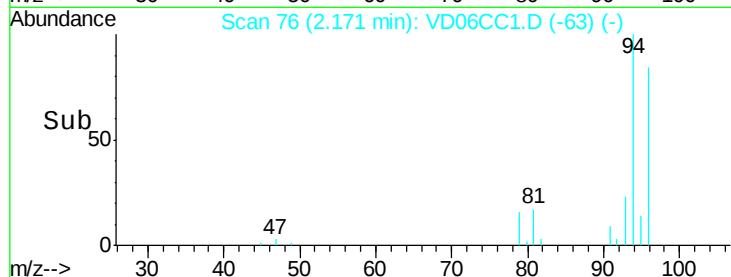
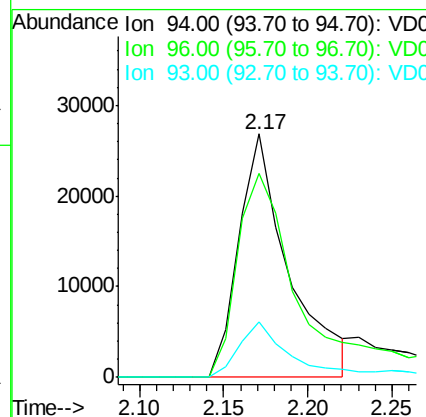
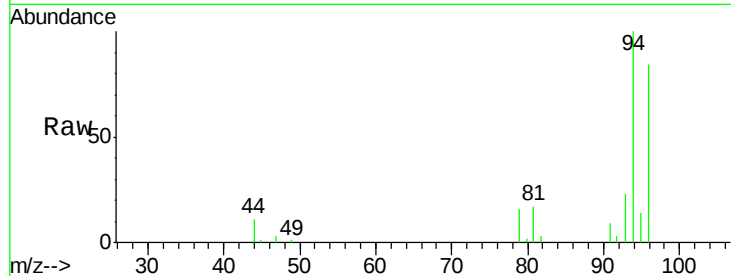




#5
Bromomethane
Concen: 60.075 ug/l
RT: 2.17 min Scan# 76
Delta R.T. 0.03 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

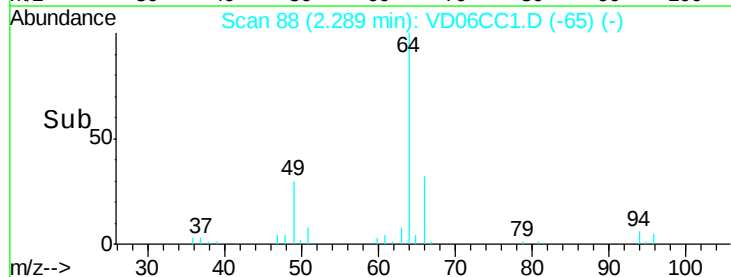
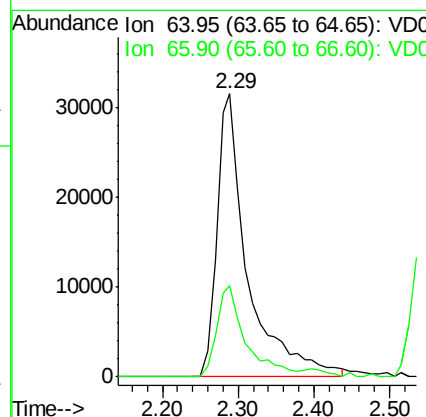
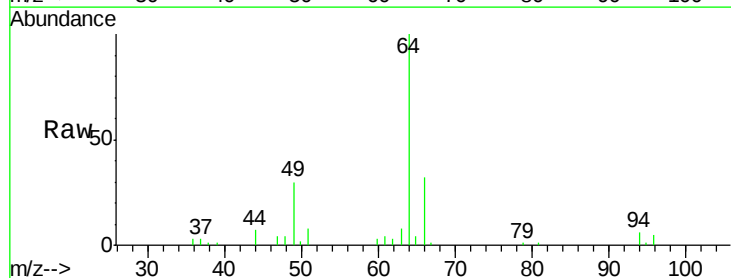
Instrument :
MSVOA_D
ClientSampled :

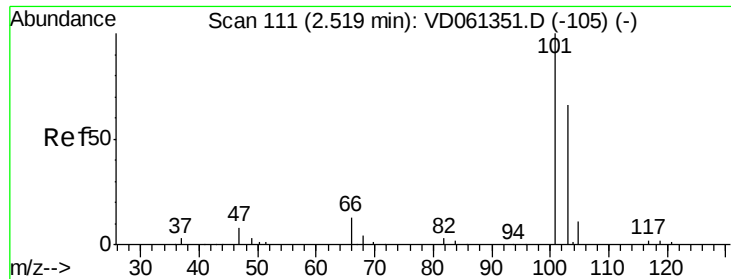
Tot Ion: 94 Resp: 55135
Ion Ratio Lower Upper
94 100
96 84.0 78.3 117.5
93 22.8 15.6 23.4



#6
Chloroethane
Concen: 65.711 ug/l
RT: 2.29 min Scan# 88
Delta R.T. 0.03 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 64 Resp: 89186
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.2



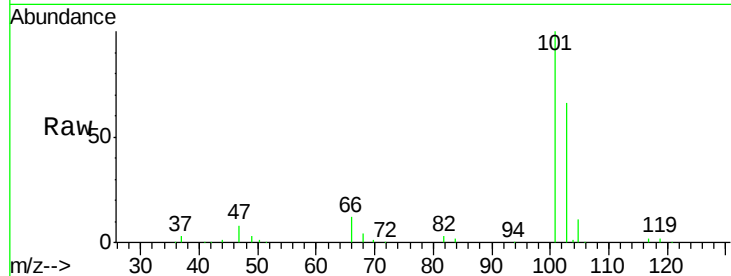


#7

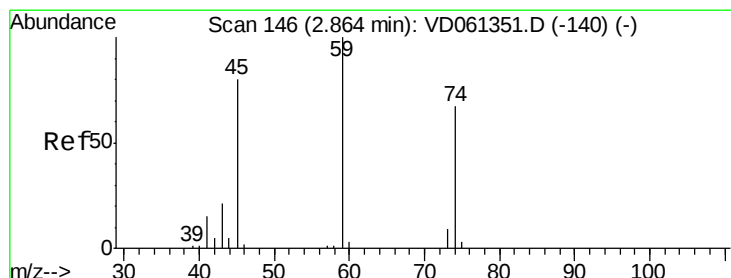
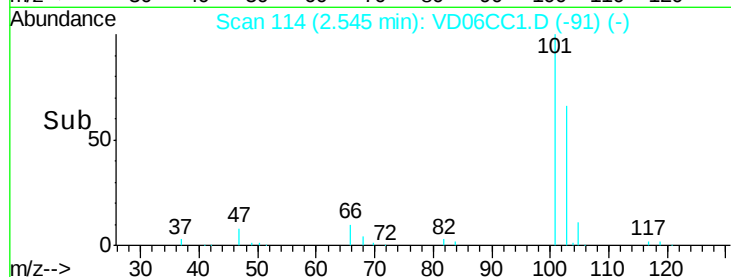
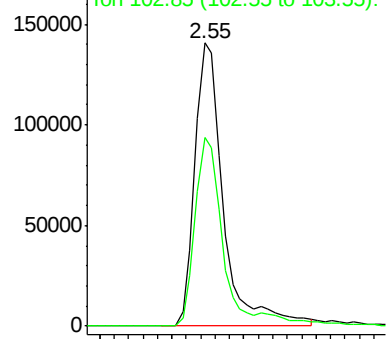
Trichlorofluoromethane
 Concen: 57.487 ug/l
 RT: 2.55 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 386891
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.1 79.7



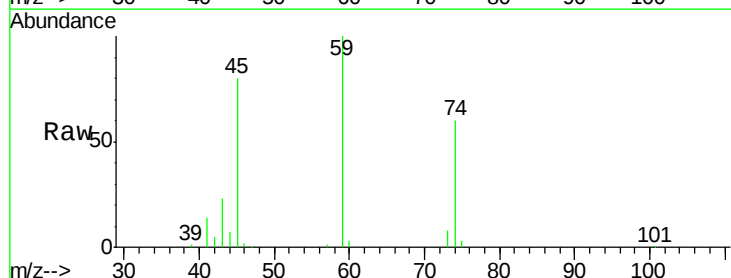
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



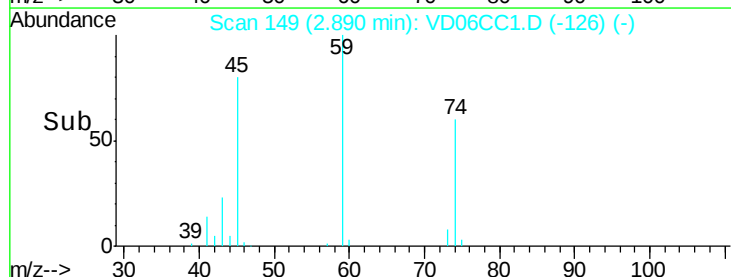
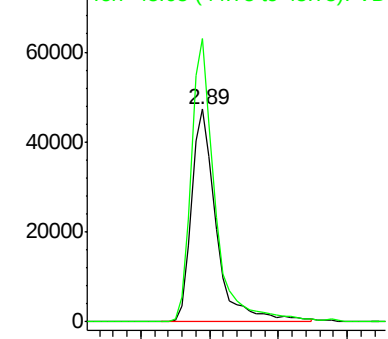
#8

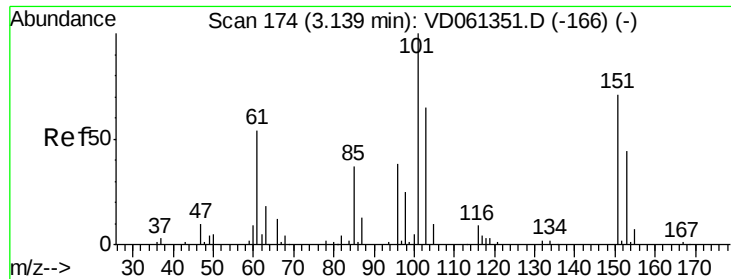
Diethyl Ether
 Concen: 54.799 ug/l
 RT: 2.89 min Scan# 149
 Delta R.T. 0.03 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion: 74 Resp: 118743
 Ion Ratio Lower Upper
 74 100
 45 133.0 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.478 ug/l

RT: 3.18 min Scan# 178

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampleId :

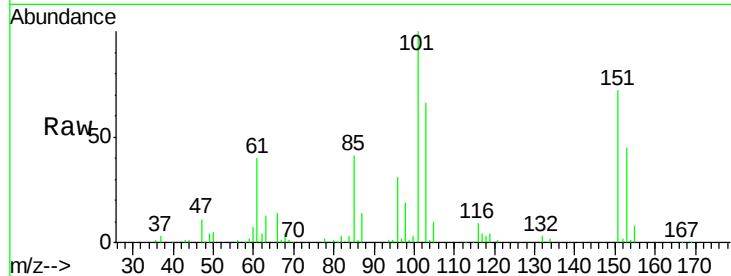
Tot Ion:101 Resp: 394169

Ion Ratio Lower Upper

101 100

85 40.8 29.4 44.0

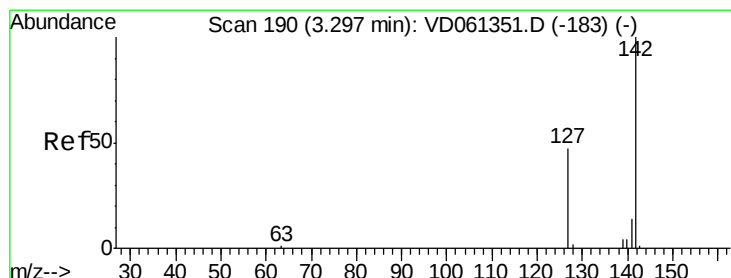
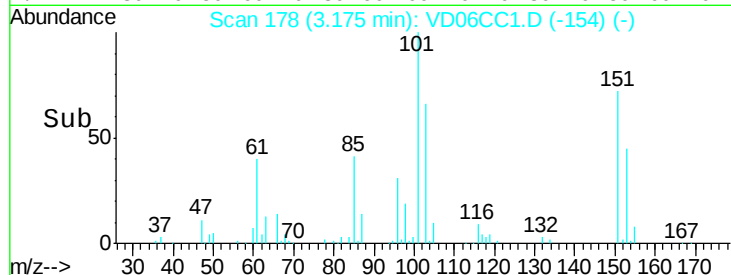
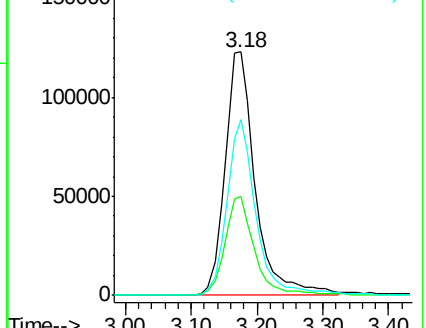
151 72.0 57.0 85.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 47.415 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.03 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

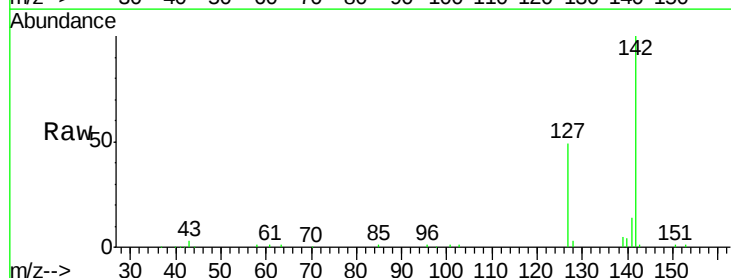
Tgt Ion:142 Resp: 519423

Ion Ratio Lower Upper

142 100

127 49.4 37.7 56.5

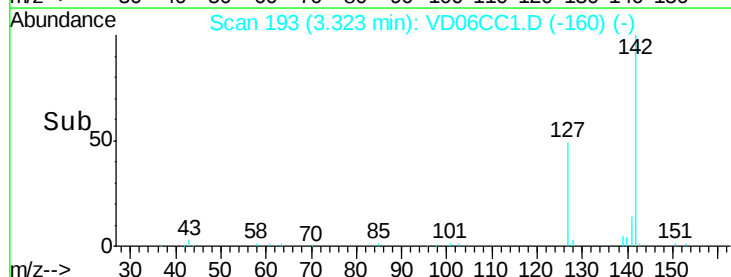
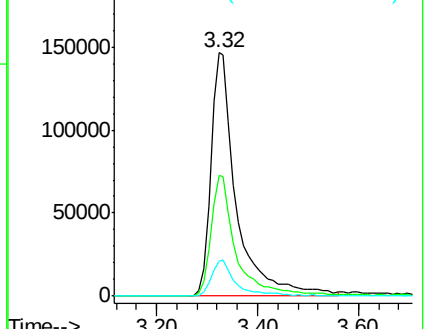
141 14.3 11.5 17.3

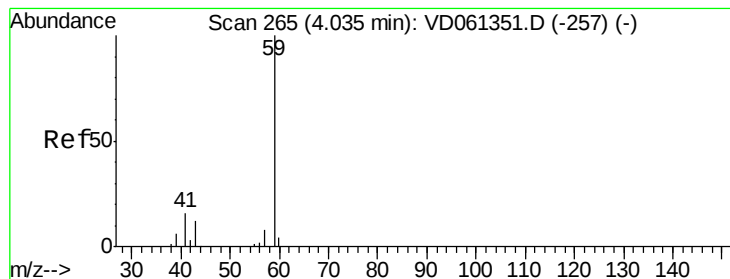


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



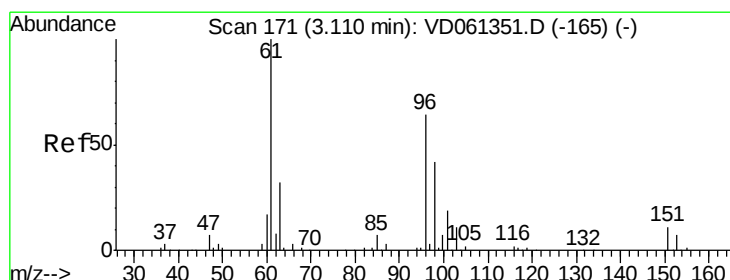
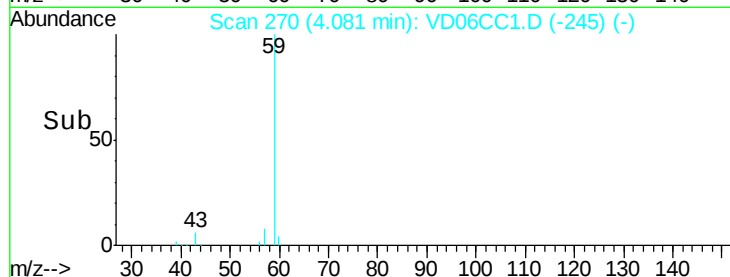
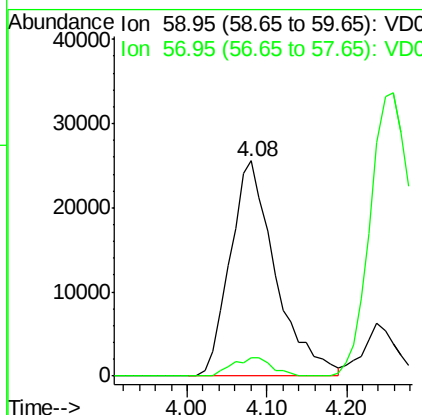
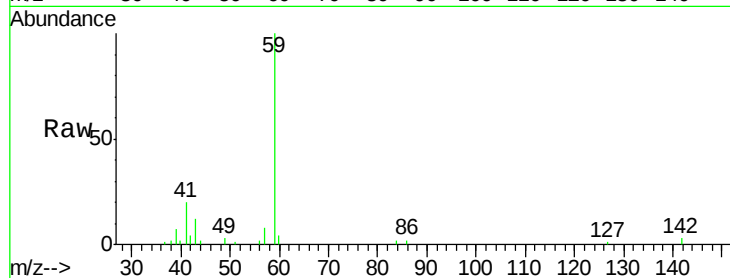


#11

Tert butyl alcohol
Concen: 328.334 ug/l
RT: 4.08 min Scan# 270
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampleId :

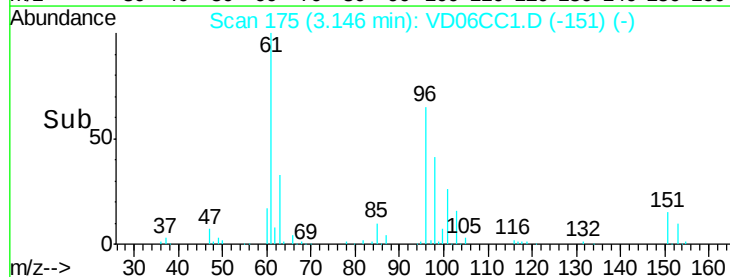
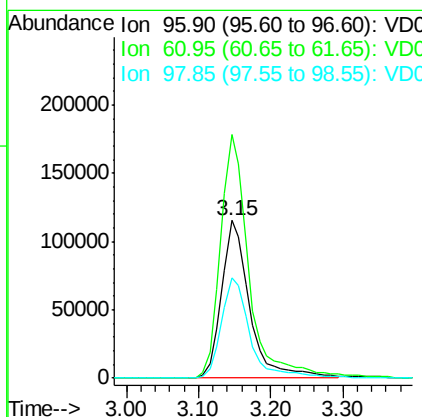
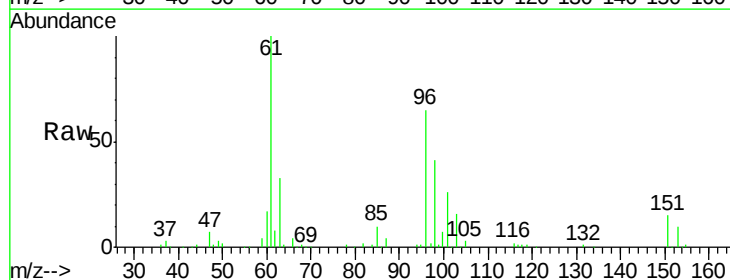
Tot Ion: 59 Resp: 101089
Ion Ratio Lower Upper
59 100
57 8.3 6.7 10.1

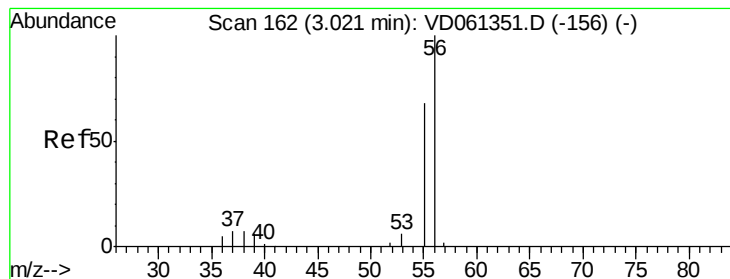


#12

1,1-Dichloroethene
Concen: 50.384 ug/l
RT: 3.15 min Scan# 175
Delta R.T. 0.04 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 96 Resp: 312984
Ion Ratio Lower Upper
96 100
61 154.6 124.9 187.3
98 63.9 52.5 78.7





#13

Acrolein

Concen: 213.312 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

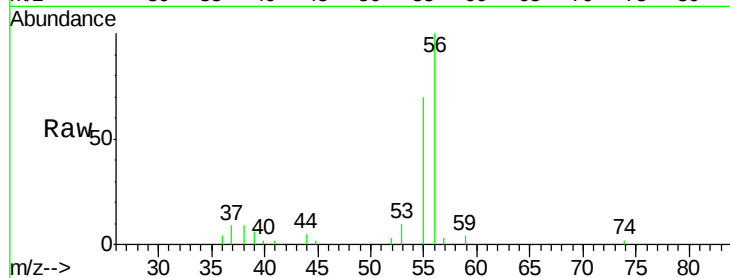
ClientSampleId :

Tot Ion: 56 Resp: 50828

Ion Ratio Lower Upper

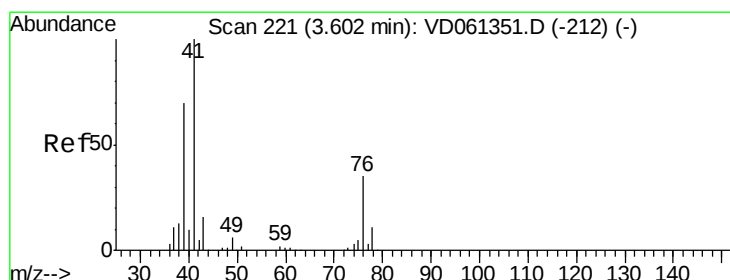
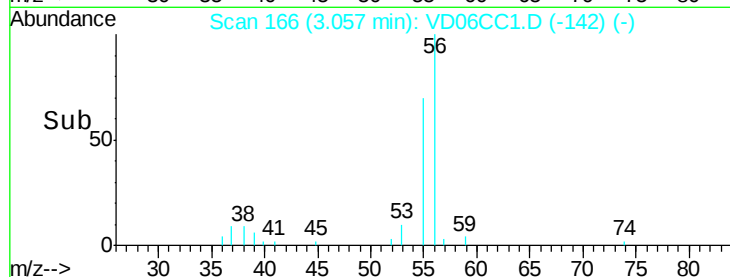
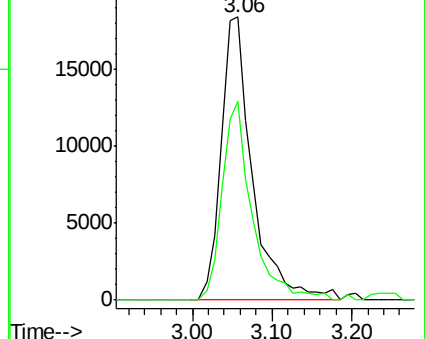
56 100

55 70.1 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 57.589 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

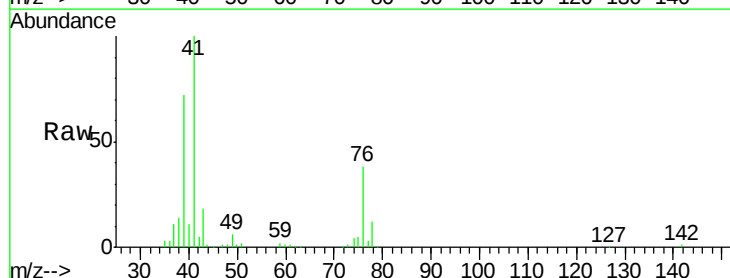
Tgt Ion: 41 Resp: 498970

Ion Ratio Lower Upper

41 100

39 71.7 55.6 83.4

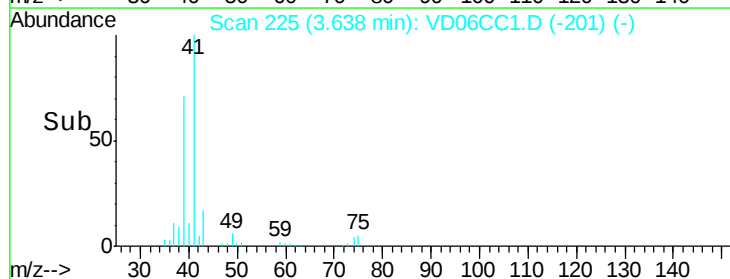
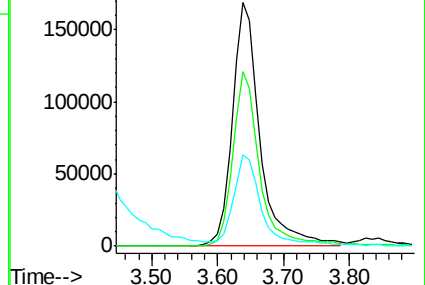
76 37.7 31.0 46.6

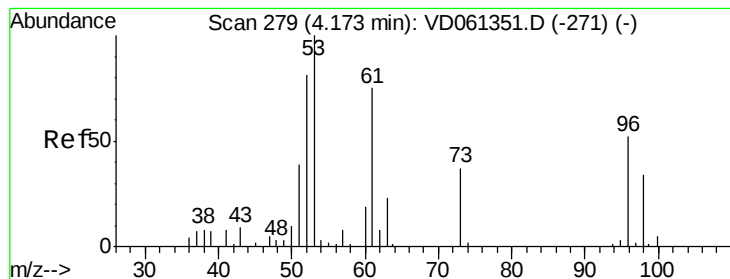


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 284.571 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampled :

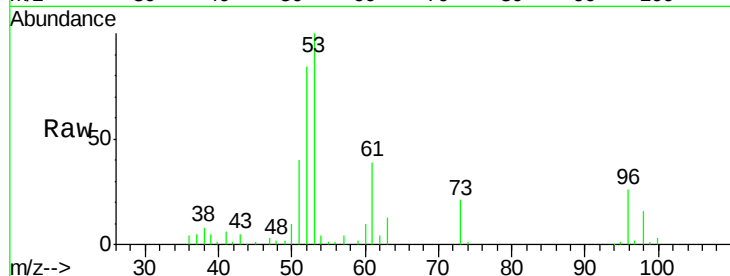
Tot Ion: 53 Resp: 304095

Ion Ratio Lower Upper

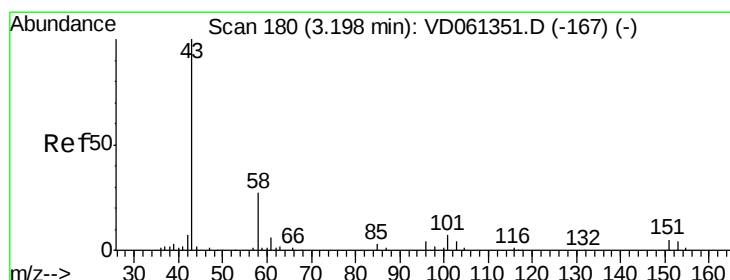
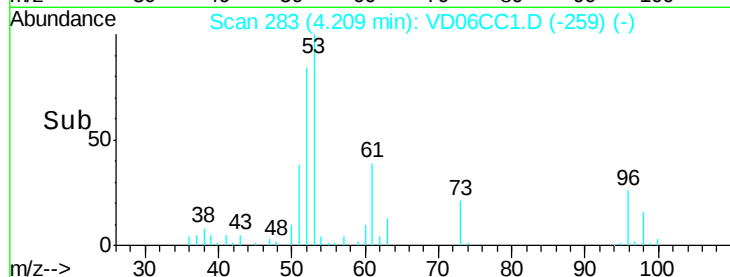
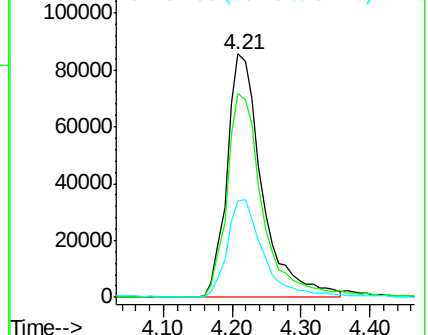
53 100

52 83.7 64.8 97.2

51 39.6 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 261.735 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD06CC1.D

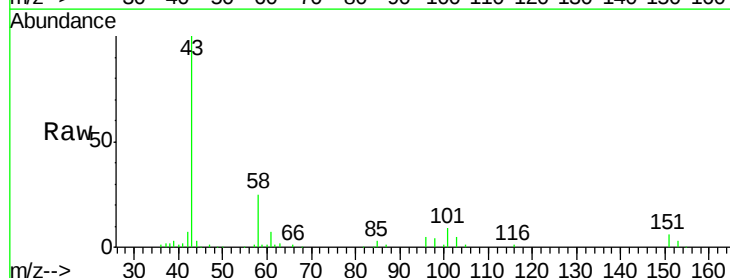
Acq: 3 Apr 2019 1:20

Tgt Ion: 43 Resp: 332636

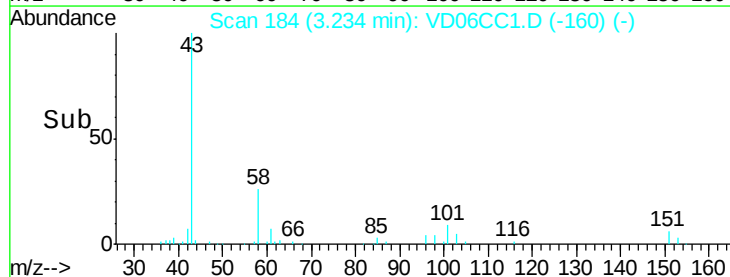
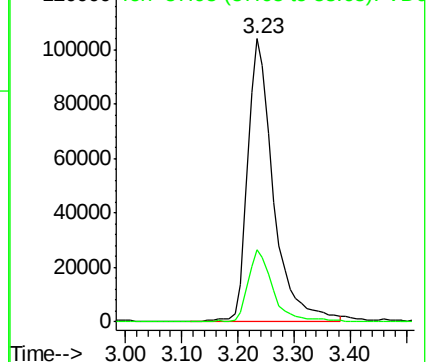
Ion Ratio Lower Upper

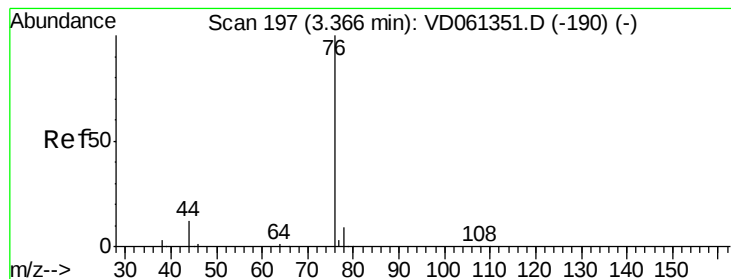
43 100

58 25.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 45.914 ug/l

RT: 3.39 min Scan# 200

Delta R.T. 0.03 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

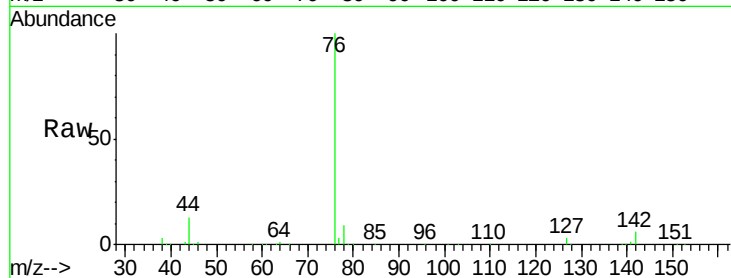
ClientSampleId :

Tot Ion: 76 Resp: 926674

Ion Ratio Lower Upper

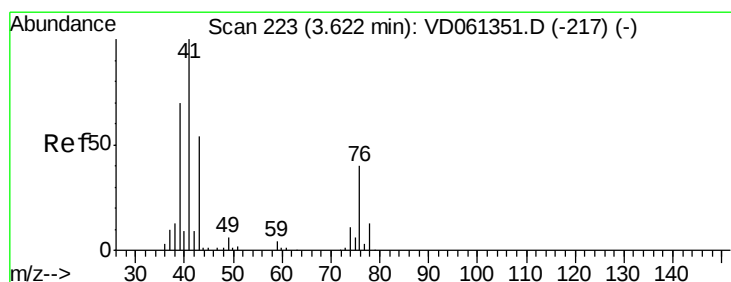
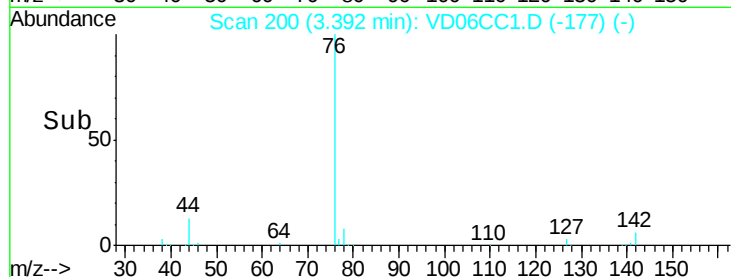
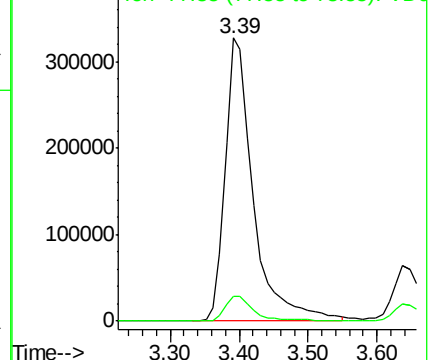
76 100

78 8.8 7.1 10.7



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 61.747 ug/l

RT: 3.66 min Scan# 227

Delta R.T. 0.04 min

Lab File: VD06CC1.D

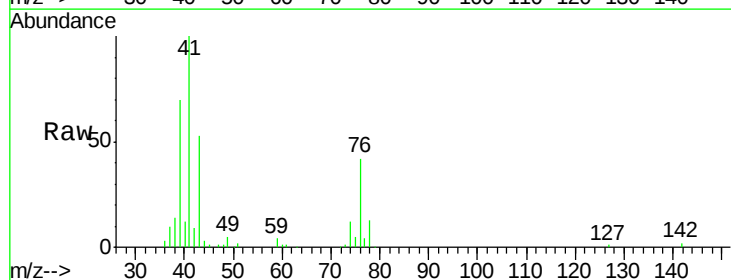
Acq: 3 Apr 2019 1:20

Tgt Ion: 43 Resp: 164995

Ion Ratio Lower Upper

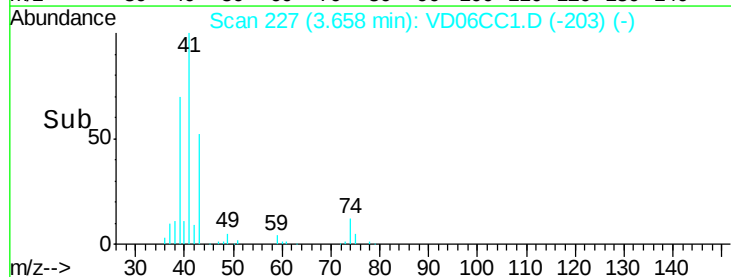
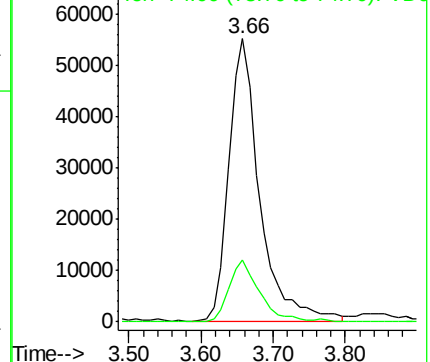
43 100

74 21.8 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

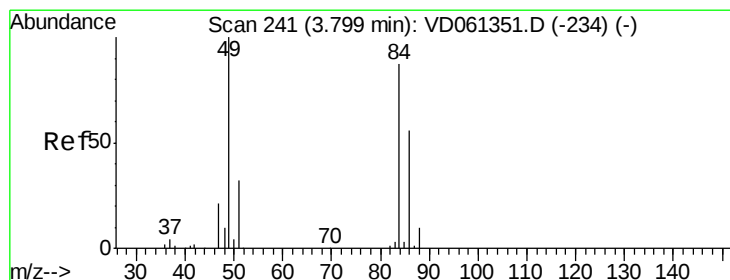
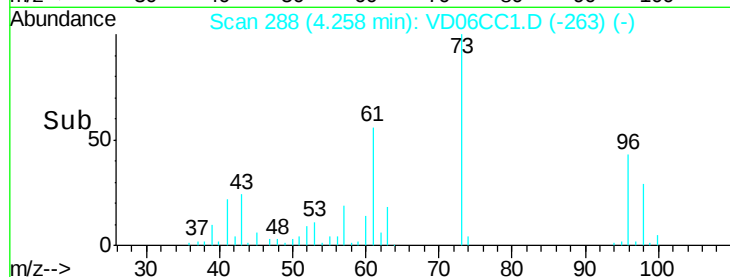
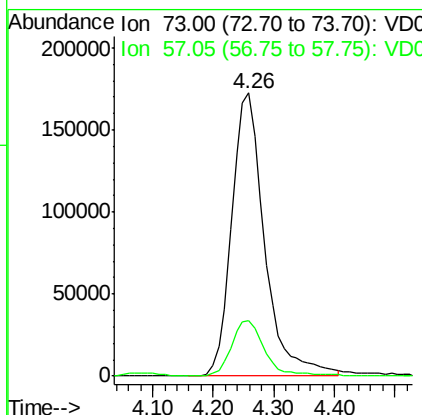
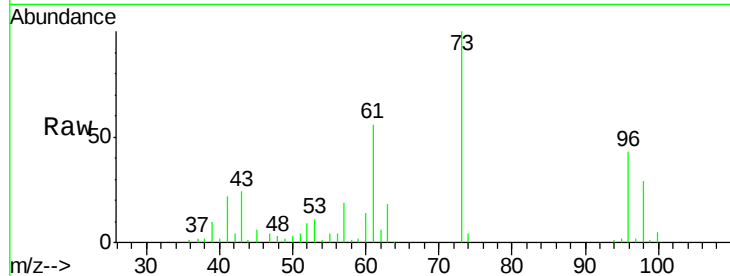




#19
Methvl tert-butvl Ether
Concen: 60.574 ug/l
RT: 4.26 min Scan# 288
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

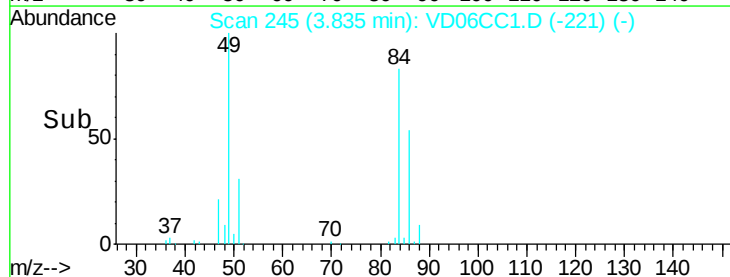
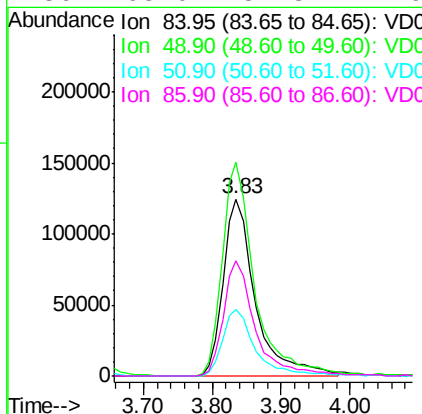
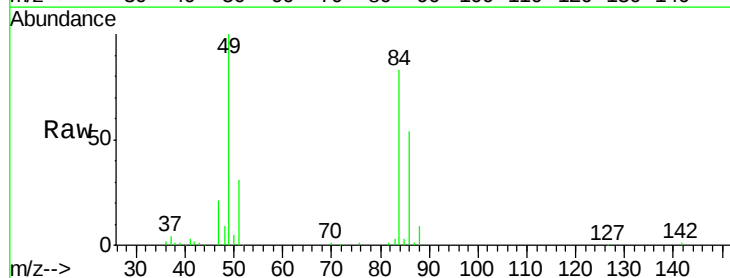
Instrument :
MSVOA_D
ClientSampled :

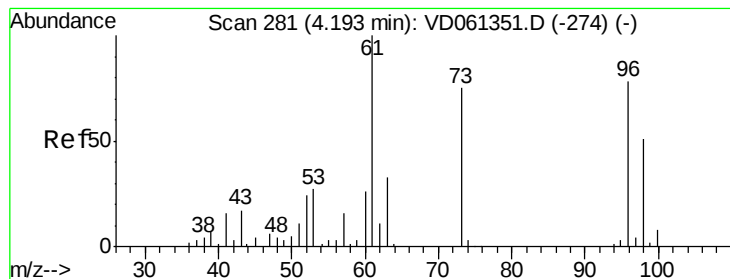
Tot Ion: 73 Resp: 651349
Ion Ratio Lower Upper
73 100
57 19.5 16.4 24.6



#20
Methylene Chloride
Concen: 56.868 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 84 Resp: 402994
Ion Ratio Lower Upper
84 100
49 120.5 91.8 137.8
51 37.8 29.8 44.8
86 65.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 54.376 ug/l

RT: 4.24 min Scan# 286

Delta R.T. 0.05 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampleId :

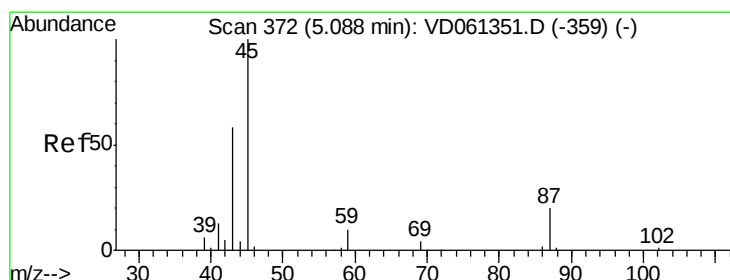
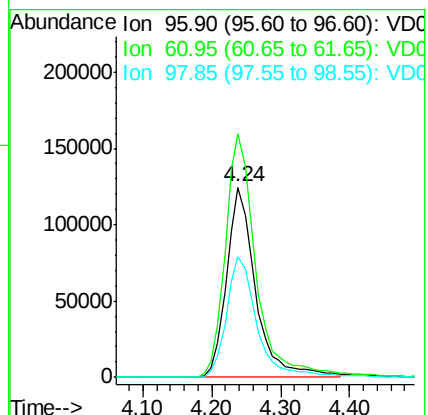
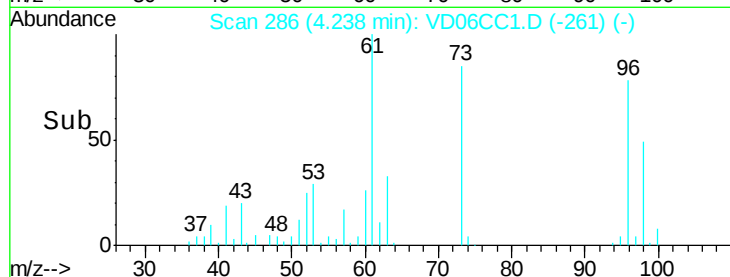
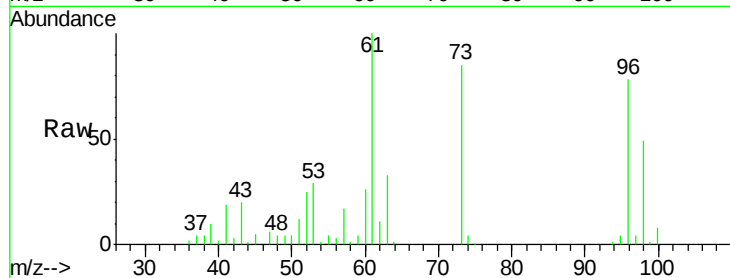
Tot Ion: 96 Resp: 364684

Ion Ratio Lower Upper

96 100

61 128.0 102.7 154.1

98 63.2 52.2 78.4



#22

Diisopropyl ether

Concen: 59.668 ug/l

RT: 5.13 min Scan# 377

Delta R.T. 0.05 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Tgt Ion: 45 Resp: 1094011

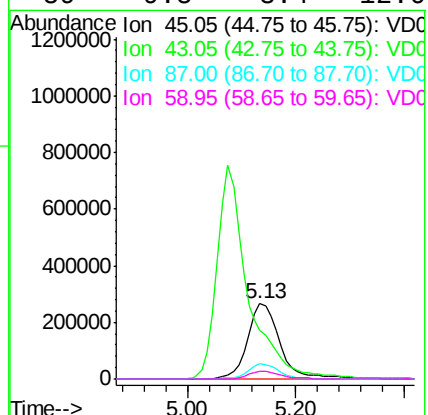
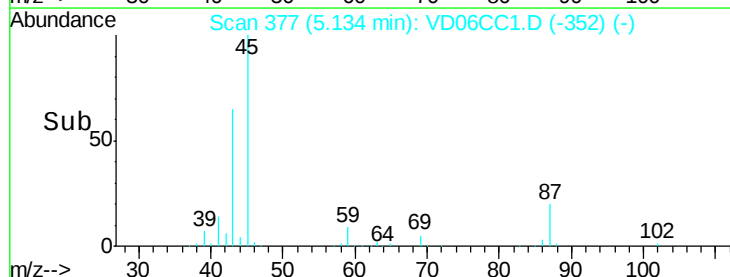
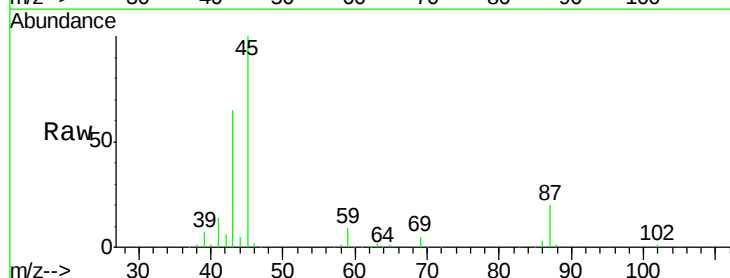
Ion Ratio Lower Upper

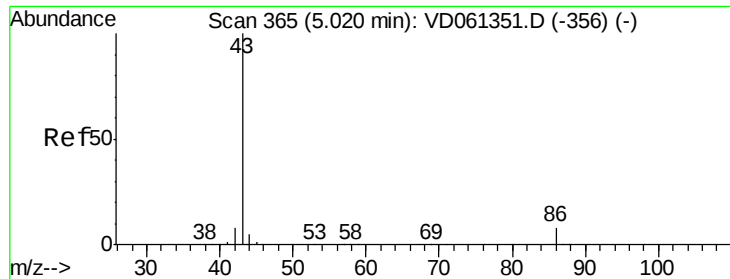
45 100

43 65.2 47.4 71.2

87 19.8 16.3 24.5

59 9.5 8.4 12.6

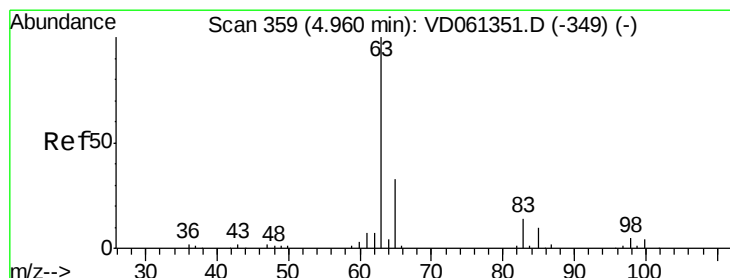
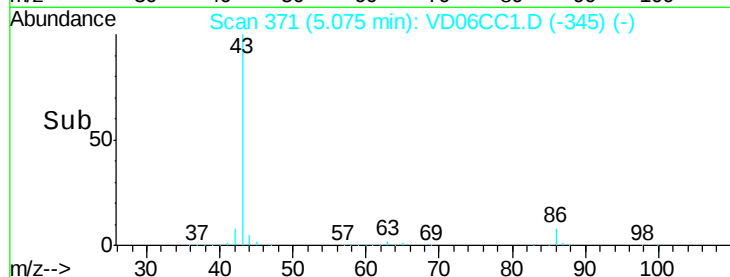
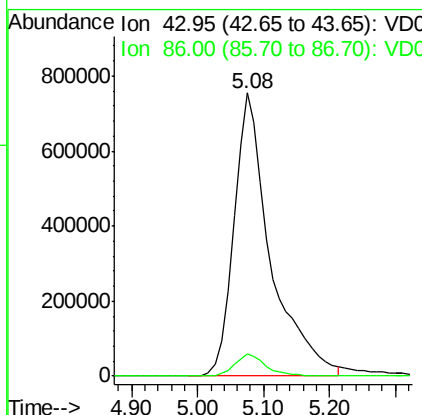
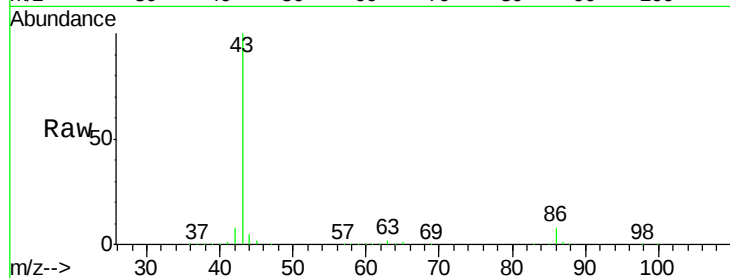




#23
 Vinyl Acetate
 Concen: 293.785 ug/l
 RT: 5.08 min Scan# 371
 Delta R.T. 0.06 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

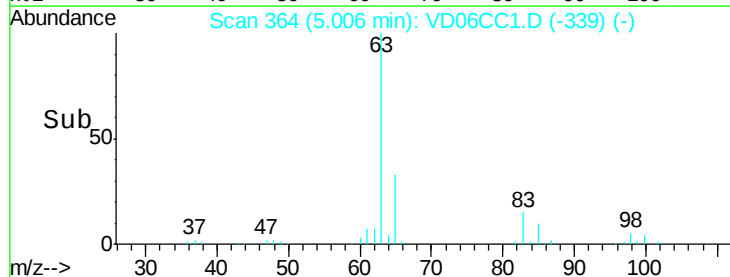
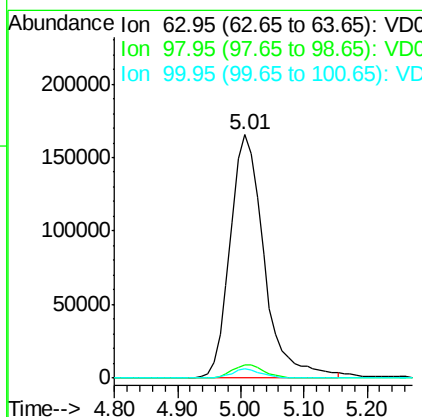
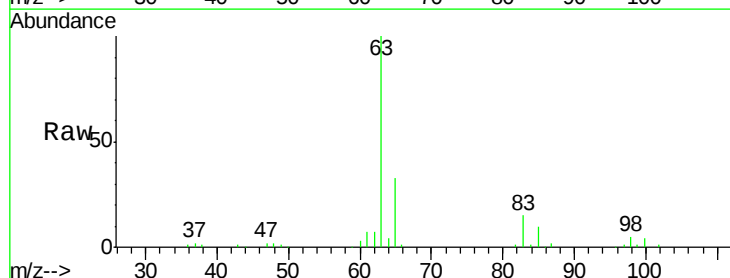
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 43 Resp: 2925930
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 57.440 ug/l
 RT: 5.01 min Scan# 364
 Delta R.T. 0.05 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion: 63 Resp: 618925
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.6 8.0
 100 3.8 1.8 5.3





#25

2-Butanone

Concen: 279.941 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.06 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

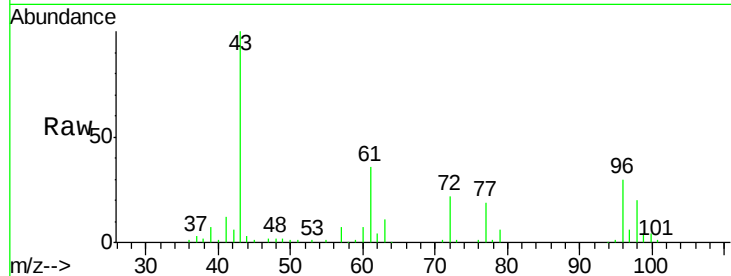
ClientSampleId :

Tot Ion: 43 Resp: 447532

Ion Ratio Lower Upper

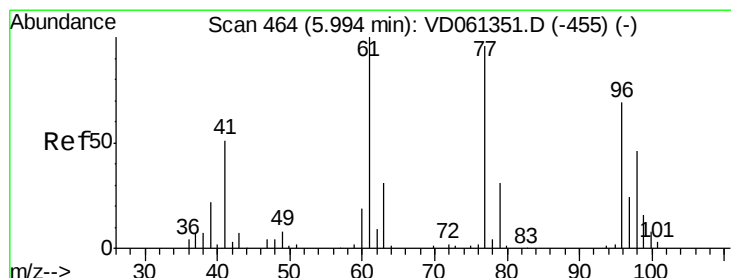
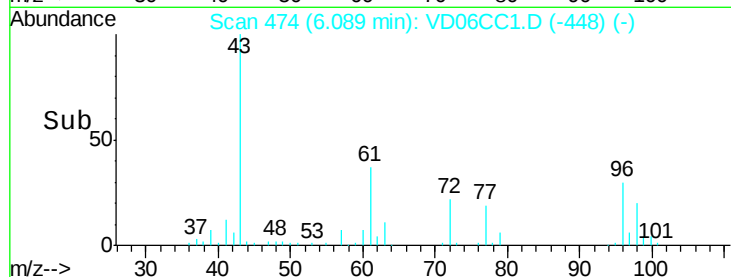
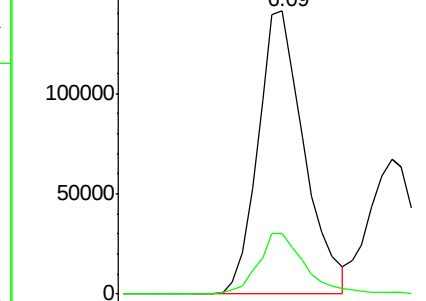
43 100

72 21.5 17.2 25.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.845 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.05 min

Lab File: VD06CC1.D

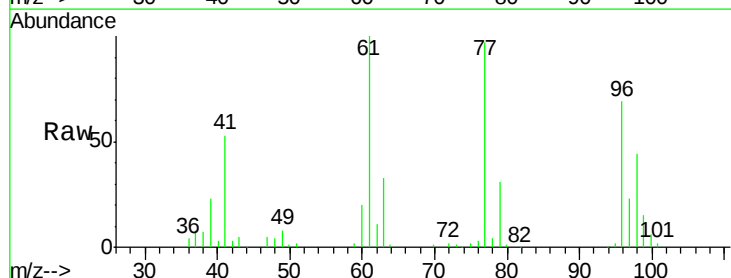
Acq: 3 Apr 2019 1:20

Tgt Ion: 77 Resp: 444086

Ion Ratio Lower Upper

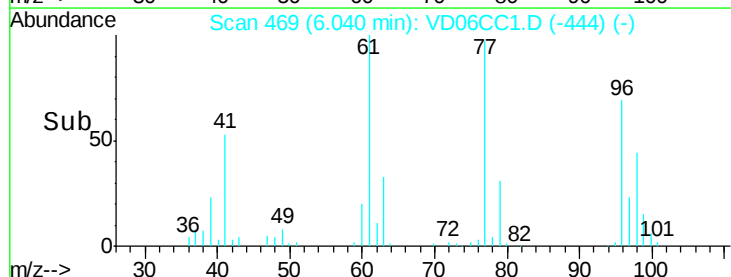
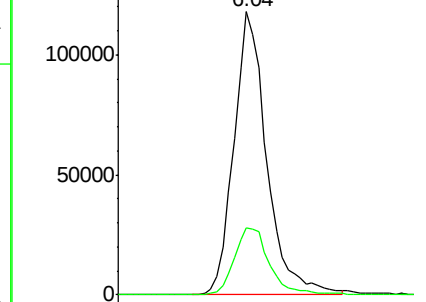
77 100

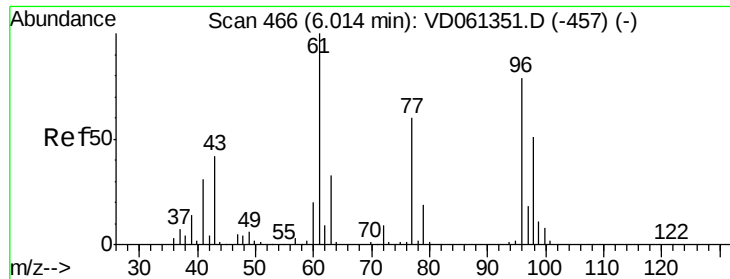
97 23.8 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



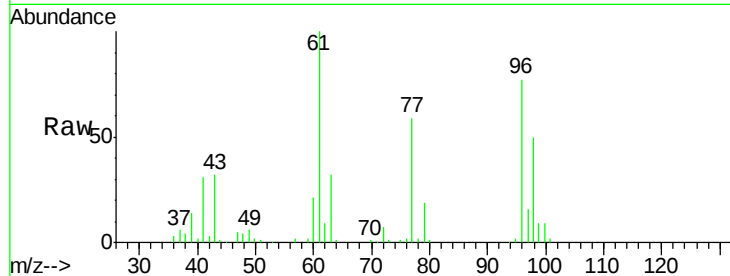


#27

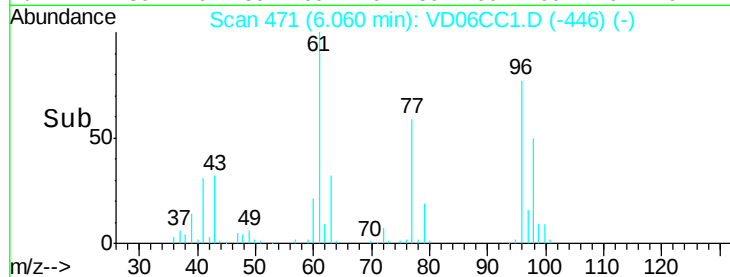
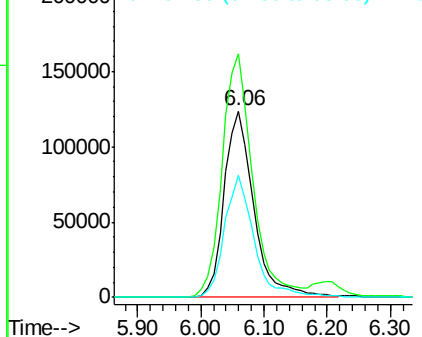
cis-1,2-Dichloroethene
Concen: 54.768 ug/l
RT: 6.06 min Scan# 471
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 402440
Ion Ratio Lower Upper
96 100
61 130.6 0.0 251.6
98 65.2 0.0 129.2



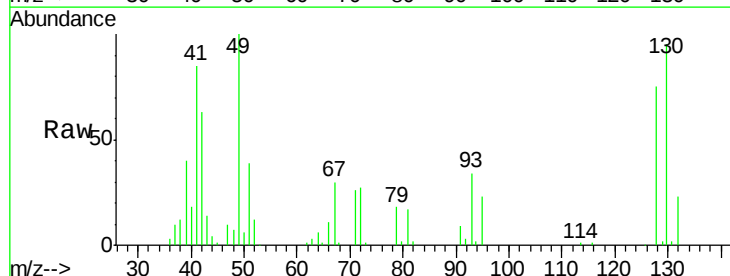
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



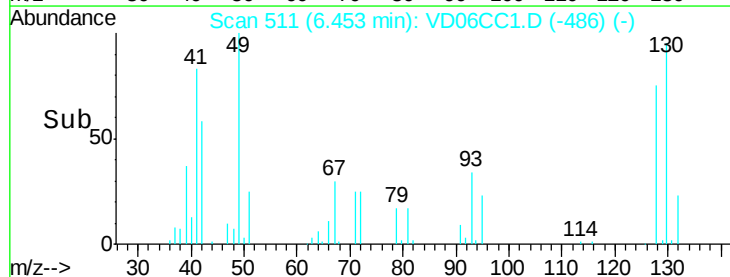
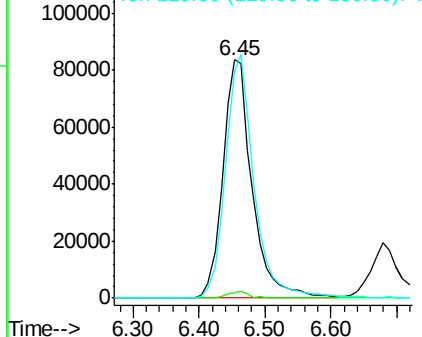
#28

Bromochloromethane
Concen: 59.558 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 49 Resp: 259055
Ion Ratio Lower Upper
49 100
129 2.2 0.0 0.0#
130 95.0 78.4 117.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

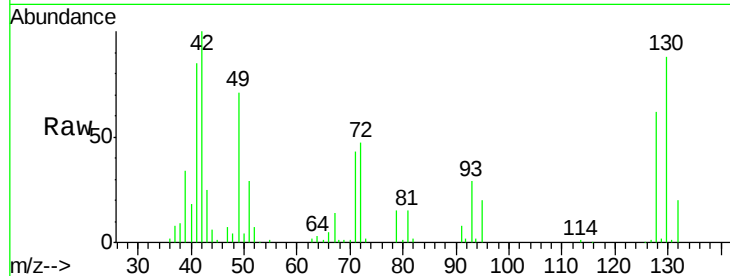




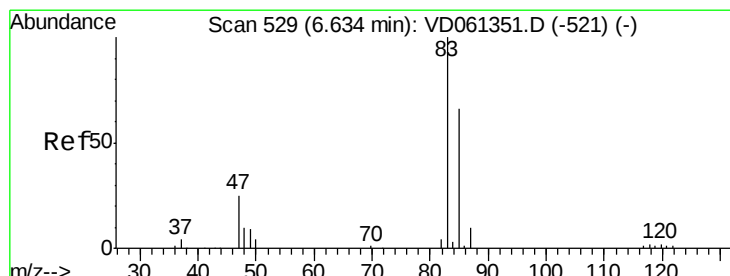
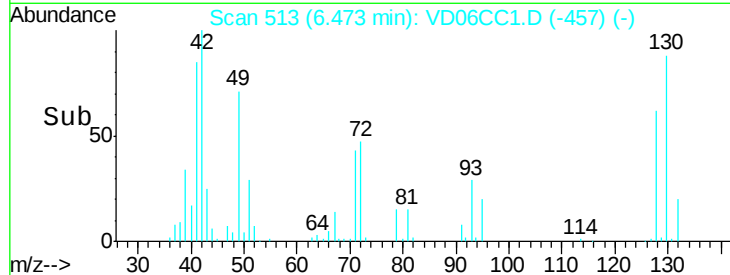
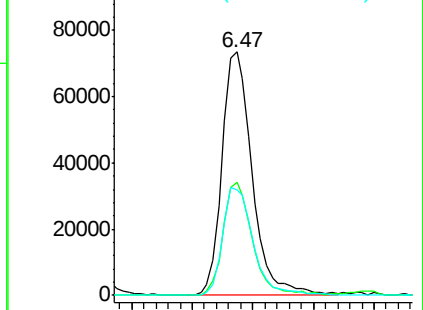
#29
Tetrahydrofuran
Concen: 329.385 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.06 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 255229
Ion Ratio Lower Upper
42 100
72 44.9 37.4 56.0
71 44.7 36.7 55.1

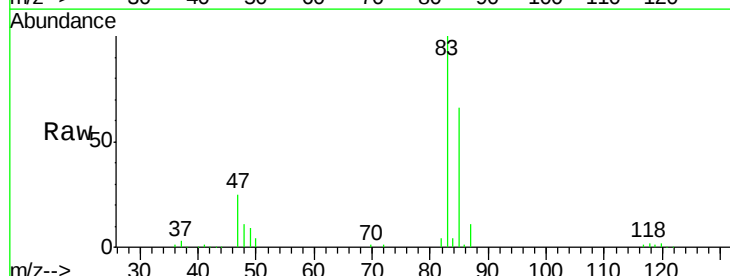


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

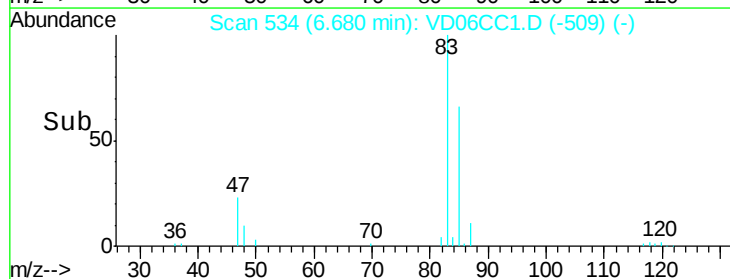
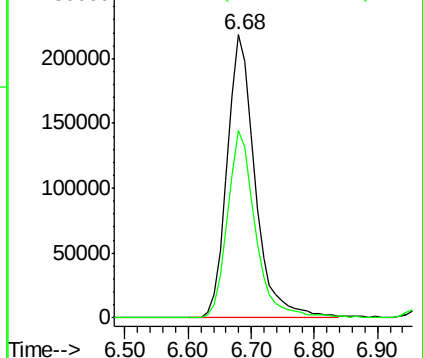


#30
Chloroform
Concen: 60.163 ug/l
RT: 6.68 min Scan# 534
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 83 Resp: 669844
Ion Ratio Lower Upper
83 100
85 66.3 53.0 79.4



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 55.136 ug/l

RT: 6.97 min Scan# 563

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampleId :

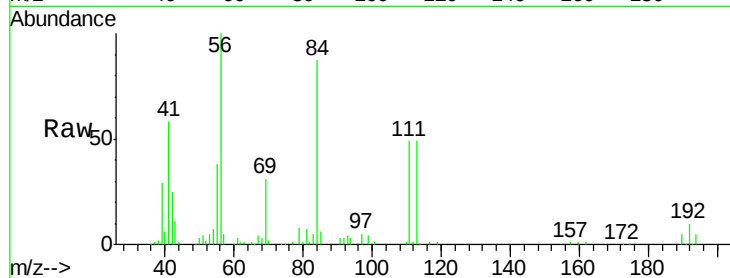
Tot Ion: 56 Resp: 469480

Ion Ratio Lower Upper

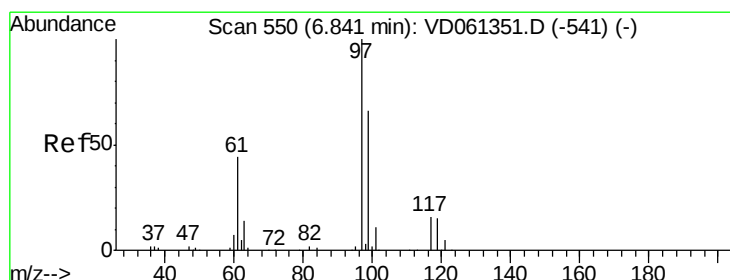
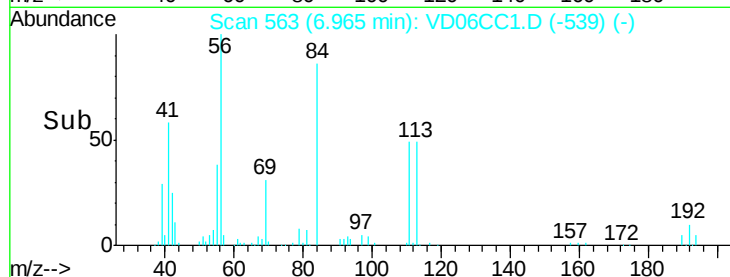
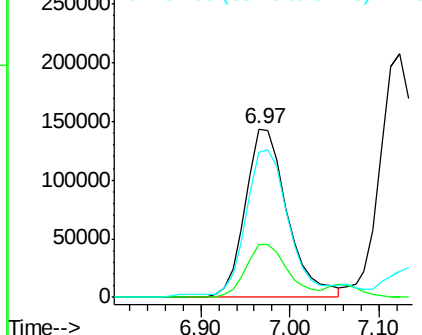
56 100

69 31.3 25.7 38.5

84 86.5 70.6 105.8



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 57.091 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.06 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

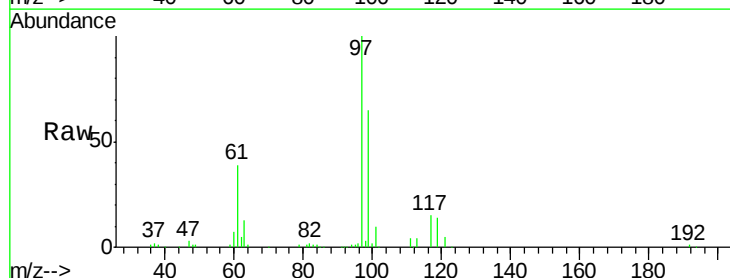
Tgt Ion: 97 Resp: 560778

Ion Ratio Lower Upper

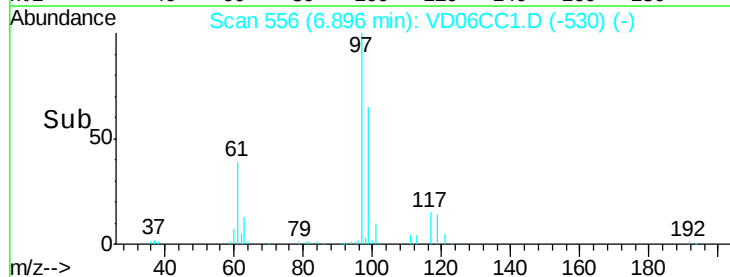
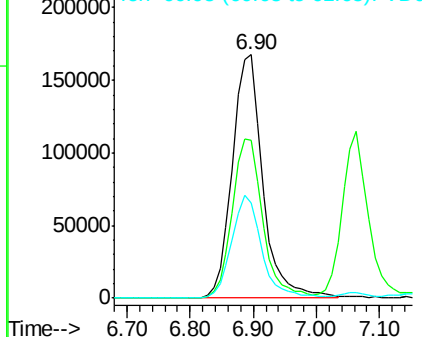
97 100

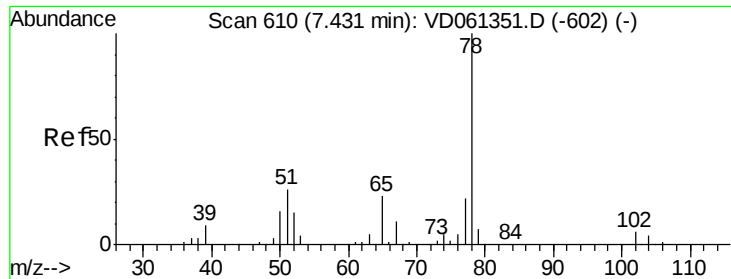
99 65.1 53.1 79.7

61 39.2 35.5 53.3



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

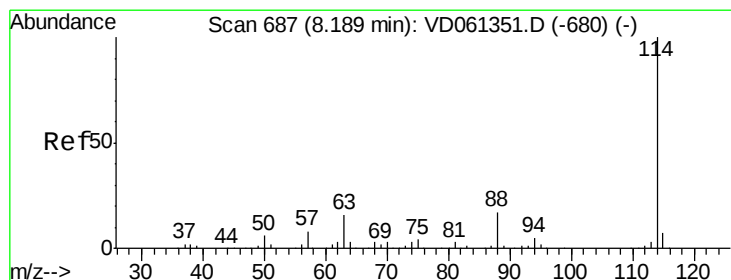
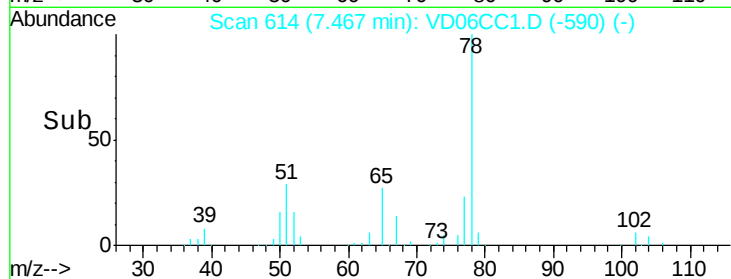
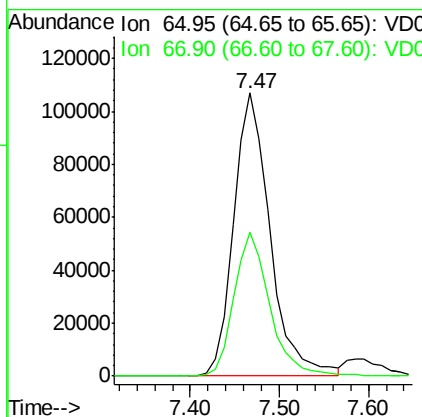
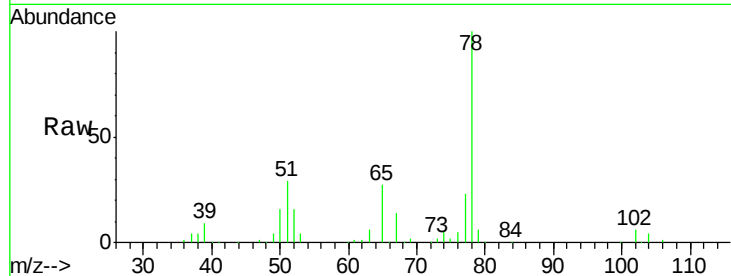




#33
 1,2-Dichloroethane-d4
 Concen: 57.091 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

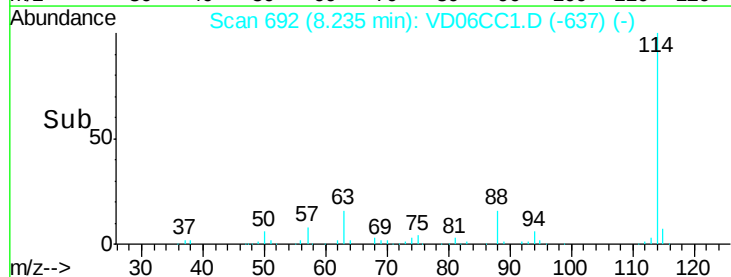
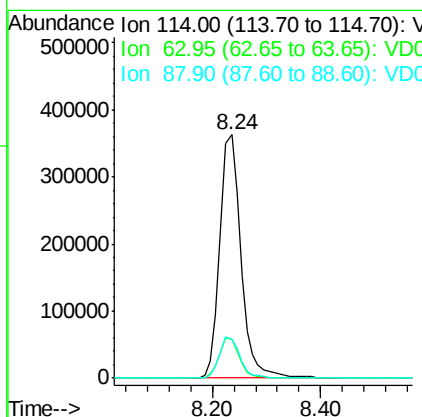
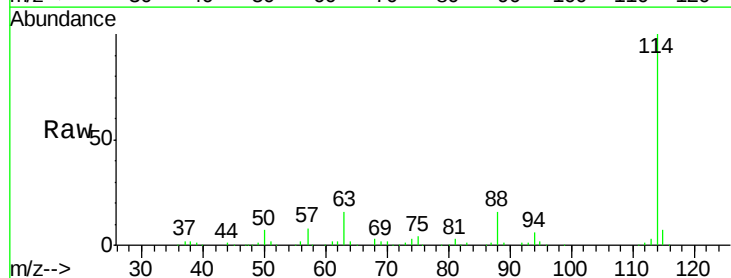
Instrument :
 MSVOA_D
 ClientSampleID :

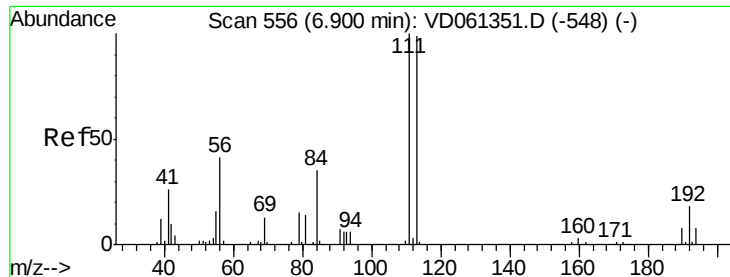
Tot Ion: 65 Resp: 303545
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion: 114 Resp: 983976
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 16.1 0.0 33.4

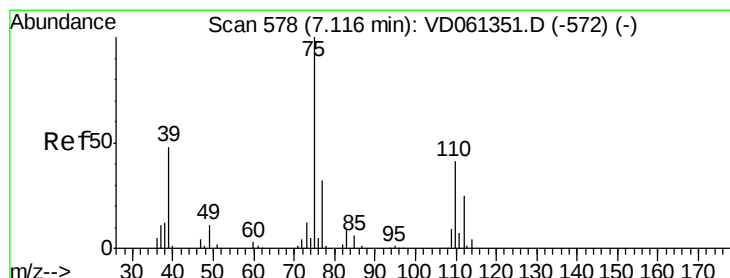
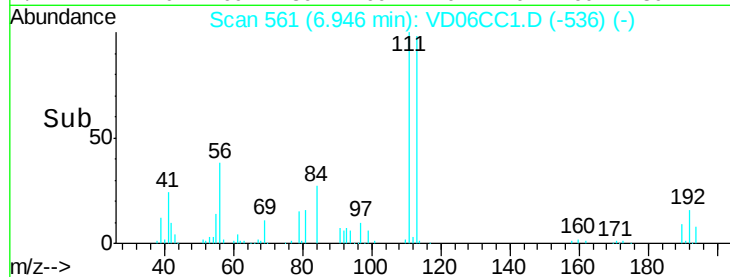
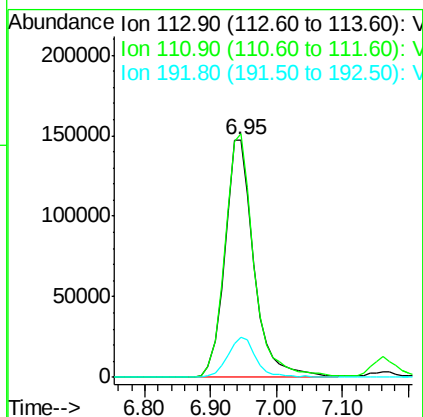
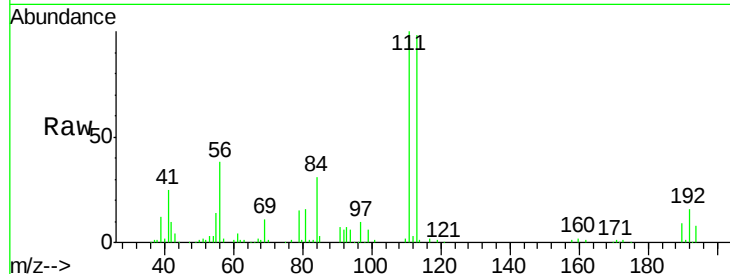




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

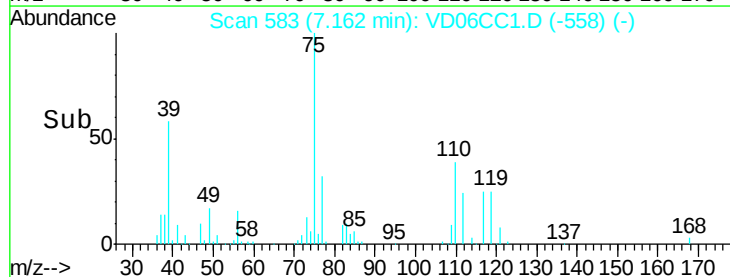
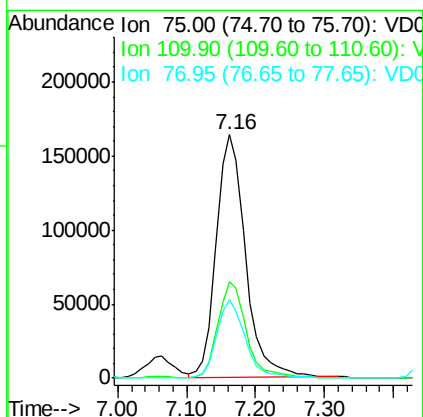
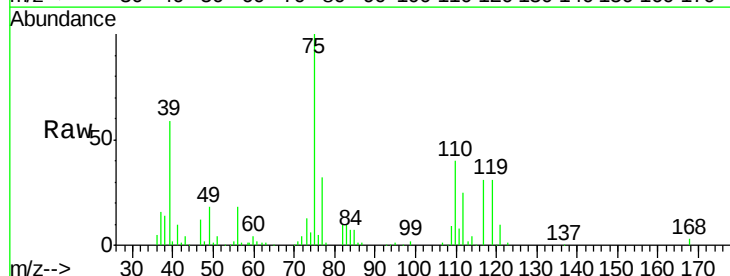
Instrument :
 MSVOA_D
 ClientSampleId :

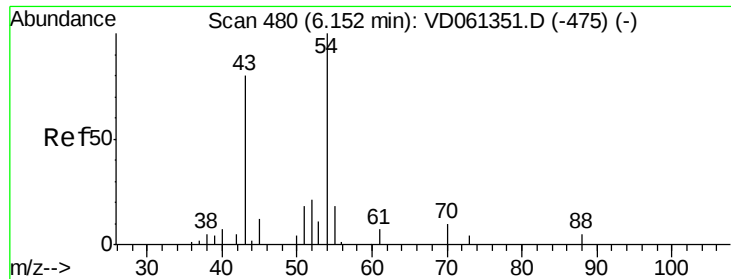
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	16.9	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 55.883 ug/l
 RT: 7.16 min Scan# 583
 Delta R.T. 0.05 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.4	61.3
77	32.2	24.9	37.3

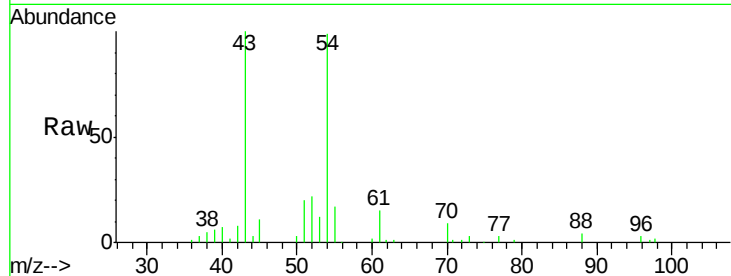




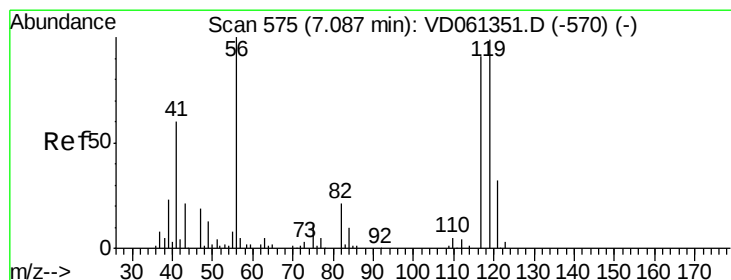
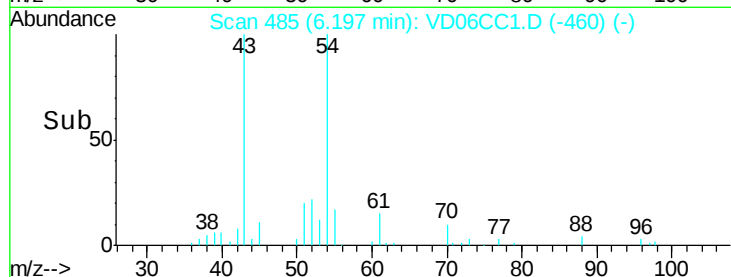
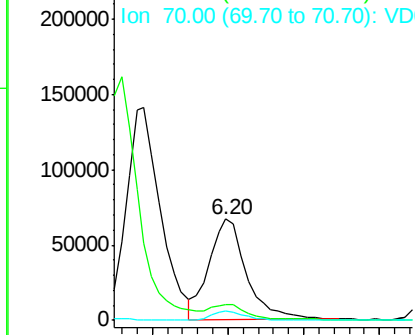
#37
Ethyl Acetate
Concen: 61.992 ug/l
RT: 6.20 min Scan# 485
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 227687
Ion Ratio Lower Upper
43 100
61 15.3 13.8 20.8
70 10.0 7.8 11.8

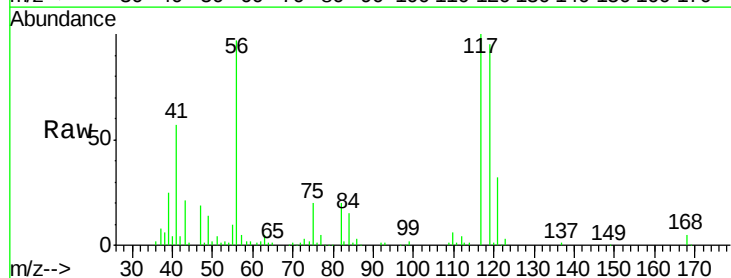


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

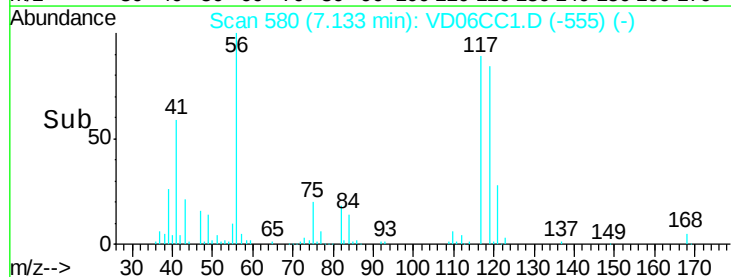
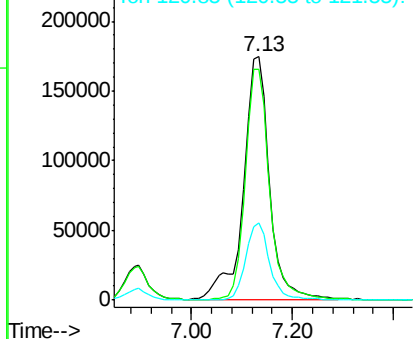


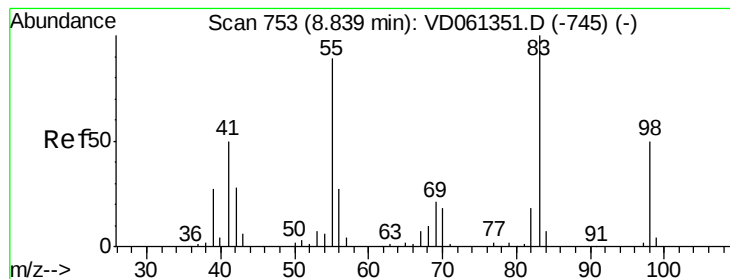
#38
Carbon Tetrachloride
Concen: 63.790 ug/l
RT: 7.13 min Scan# 580
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 117 Resp: 629501
Ion Ratio Lower Upper
117 100
119 95.0 80.1 120.1
121 31.7 25.6 38.4



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





#39

Methvlcvclohexane

Concen: 52.452 ug/l

RT: 8.88 min Scan# 757

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampleId :

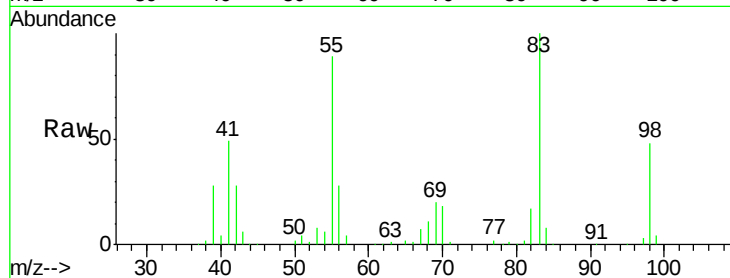
Tot Ion: 83 Resp: 469147

Ion Ratio Lower Upper

83 100

55 89.0 71.5 107.3

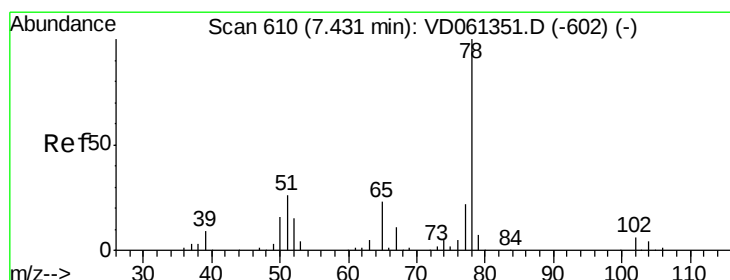
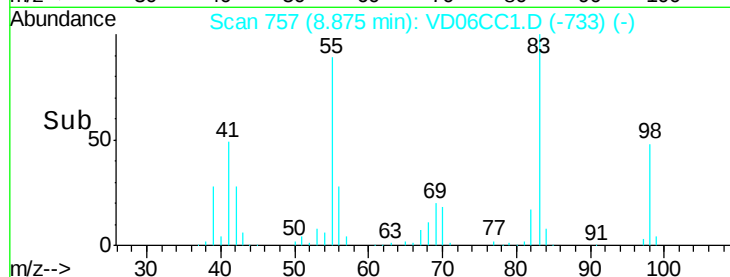
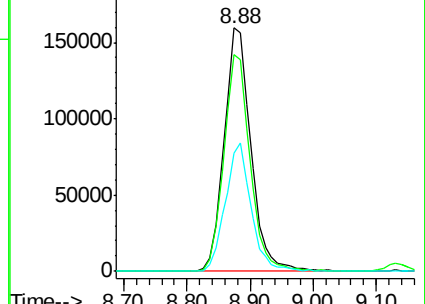
98 48.4 40.3 60.5



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 55.778 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD06CC1.D

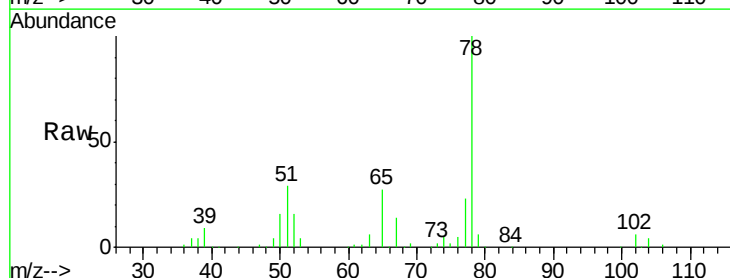
Acq: 3 Apr 2019 1:20

Tgt Ion: 78 Resp: 1202195

Ion Ratio Lower Upper

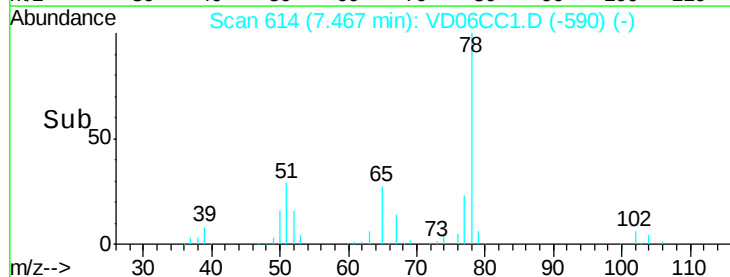
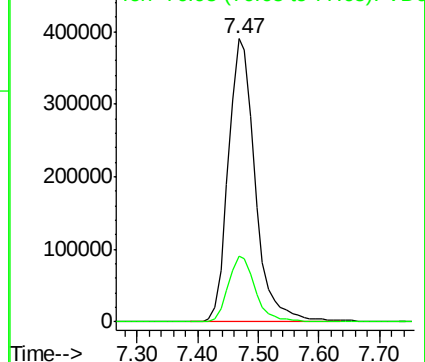
78 100

77 23.4 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

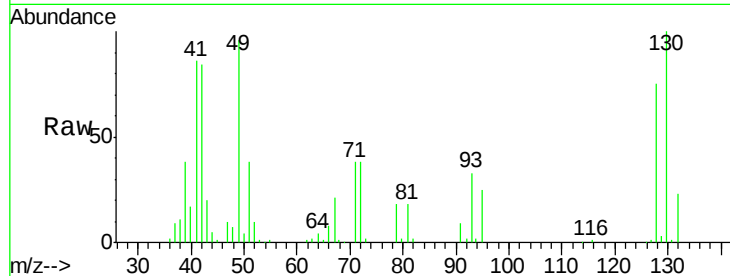




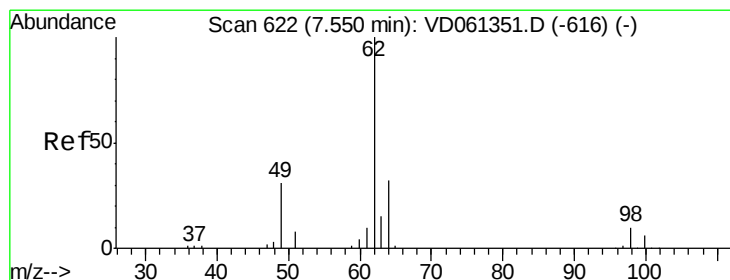
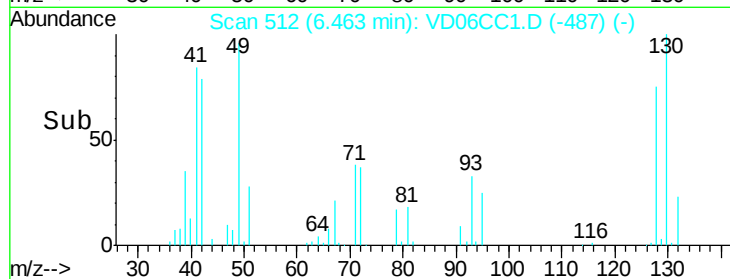
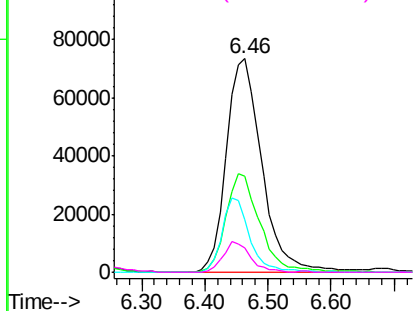
#41
Methacrylonitrile
Concen: 66.445 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 285345
Ion Ratio Lower Upper
41 100
39 44.7 35.0 52.6
67 24.5 21.0 31.6
52 11.2 7.7 11.5

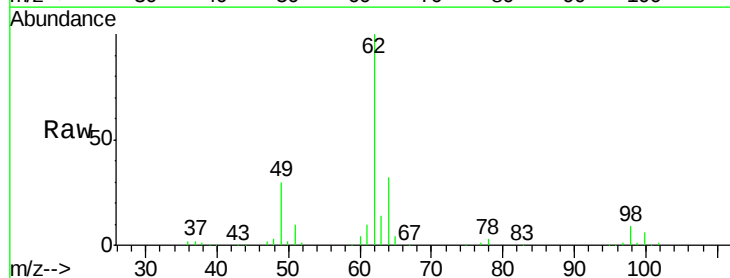


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

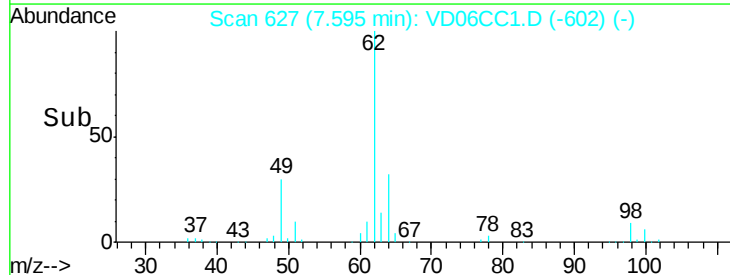
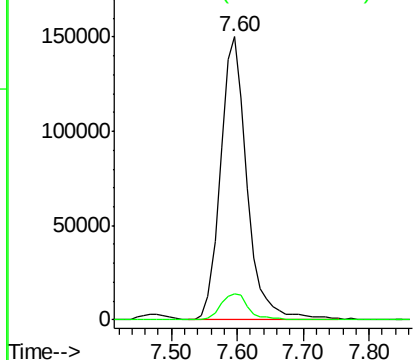


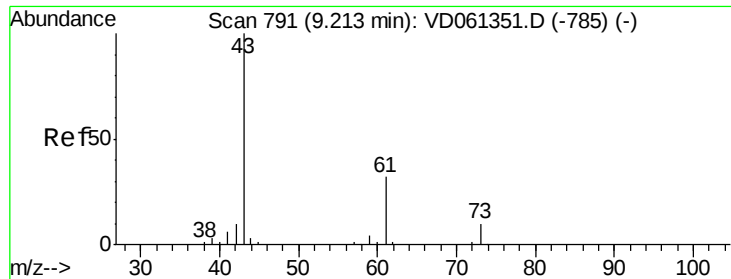
#42
1,2-Dichloroethane
Concen: 65.373 ug/l
RT: 7.60 min Scan# 627
Delta R.T. 0.05 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 62 Resp: 421468
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



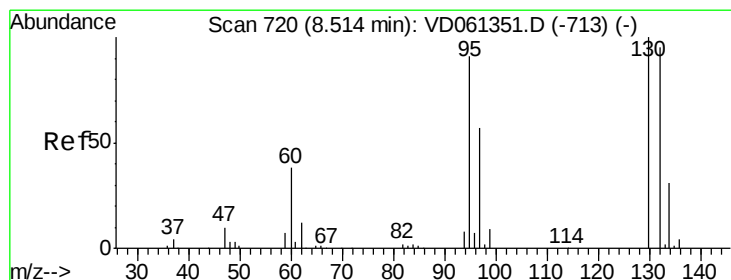
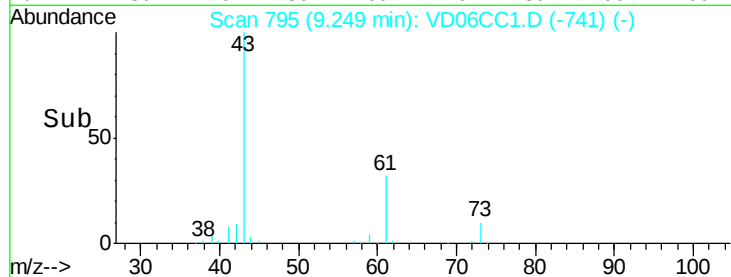
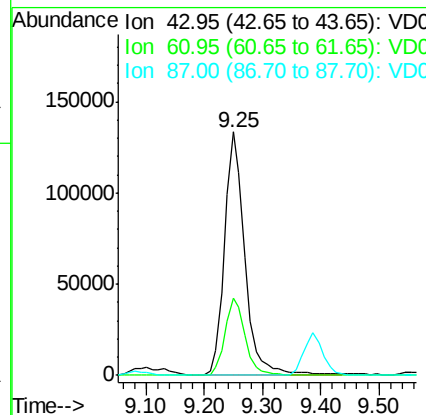
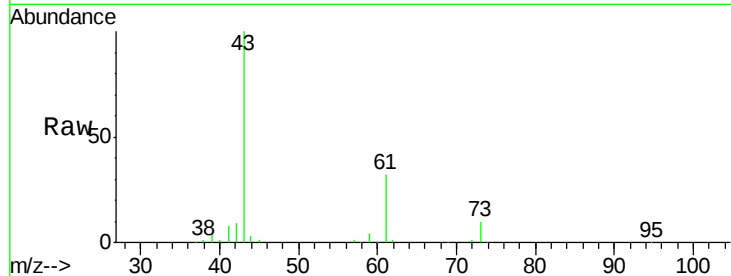


#43

Isopropyl Acetate
 Concen: 60.725 ug/l
 RT: 9.25 min Scan# 795
 Delta R.T. 0.04 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Instrument :
 MSVOA_D
 ClientSampleId :

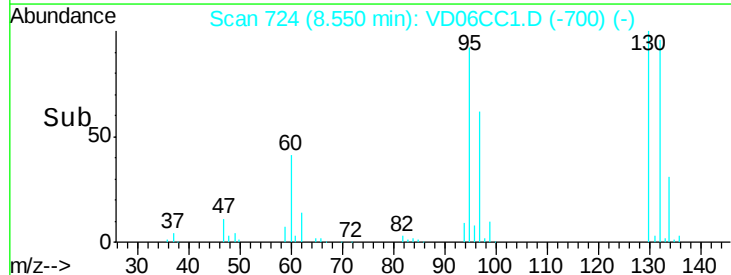
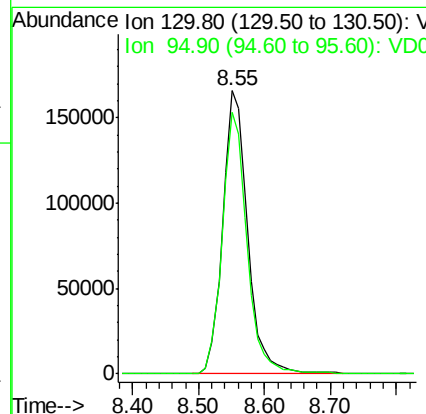
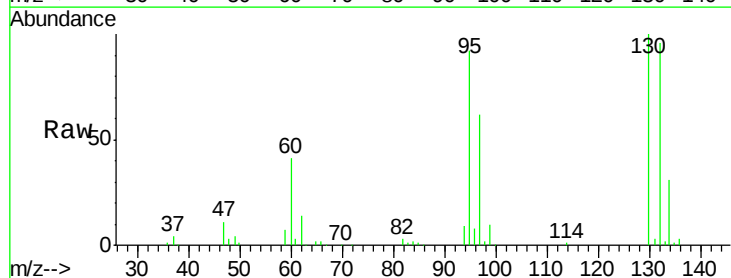
Tot Ion: 43 Resp: 324510
 Ion Ratio Lower Upper
 43 100
 61 31.6 25.8 38.6
 87 0.0 0.0 0.0

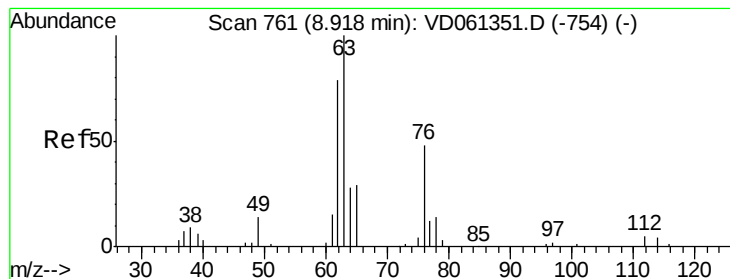


#44

Trichloroethene
 Concen: 54.602 ug/l
 RT: 8.55 min Scan# 724
 Delta R.T. 0.04 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion:130 Resp: 437960
 Ion Ratio Lower Upper
 130 100
 95 92.4 0.0 181.4





#45

1,2-Dichloropropane

Concen: 60.219 ug/l

RT: 8.95 min Scan# 765

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

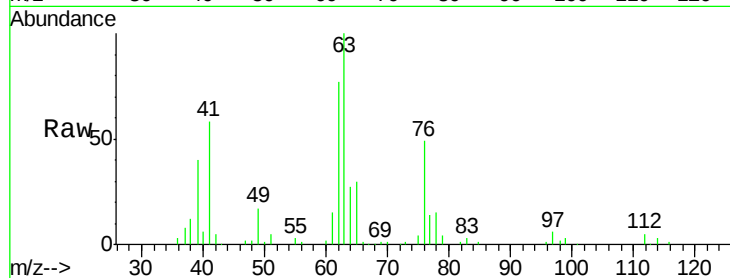
ClientSampled :

Tot Ion: 63 Resp: 329116

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.95

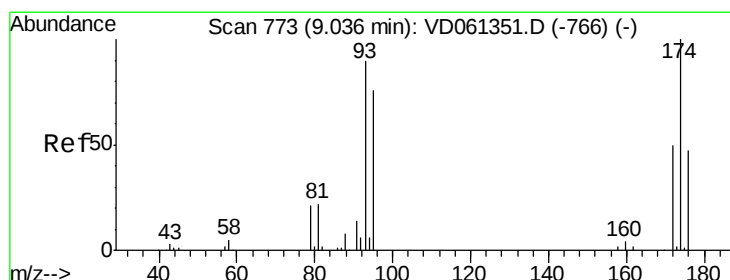
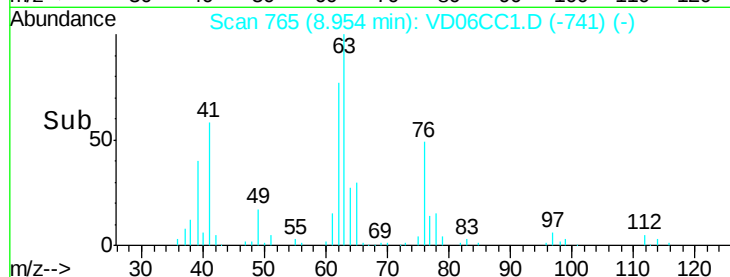
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 63.857 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

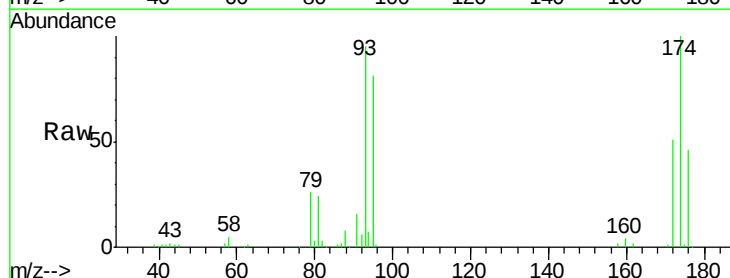
Tgt Ion: 93 Resp: 234901

Ion Ratio Lower Upper

93 100

95 85.1 67.4 101.0

174 104.8 88.9 133.3



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

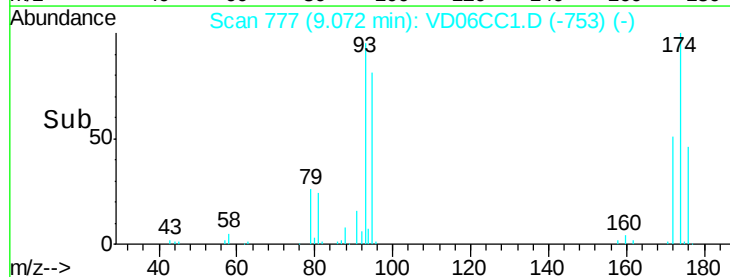
9.07

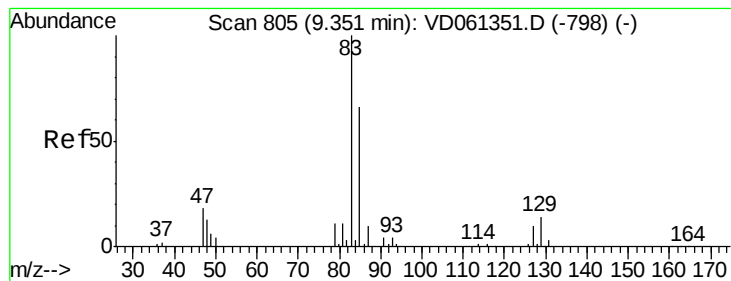
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 62.573 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampleId :

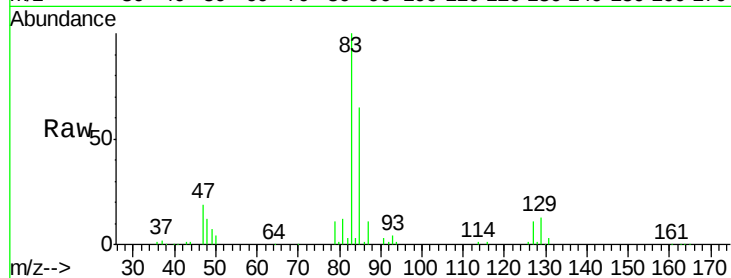
Tot Ion: 83 Resp: 516622

Ion Ratio Lower Upper

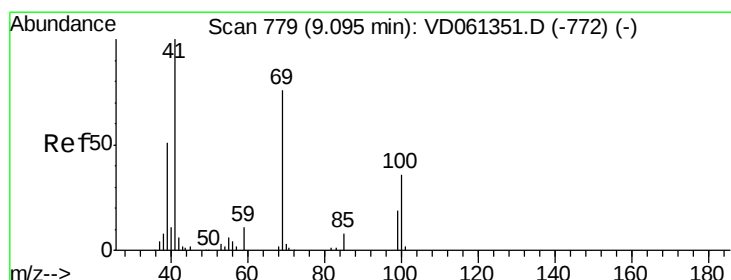
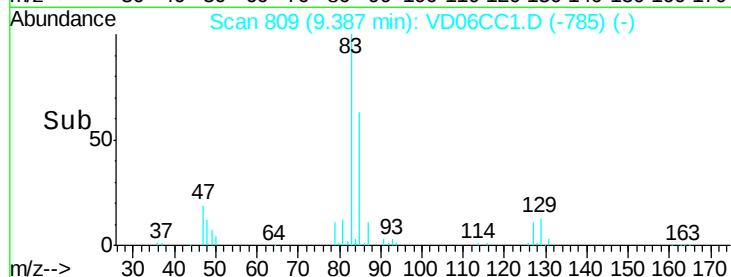
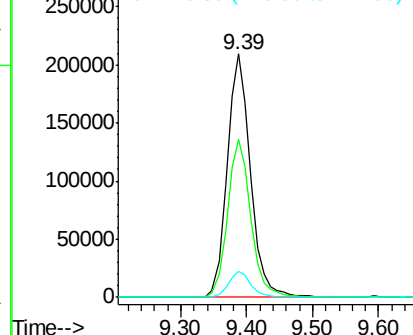
83 100

85 64.8 53.0 79.4

127 10.8 8.4 12.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 64.517 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

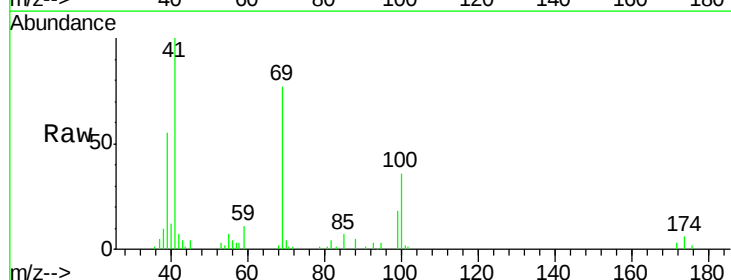
Tgt Ion: 41 Resp: 190276

Ion Ratio Lower Upper

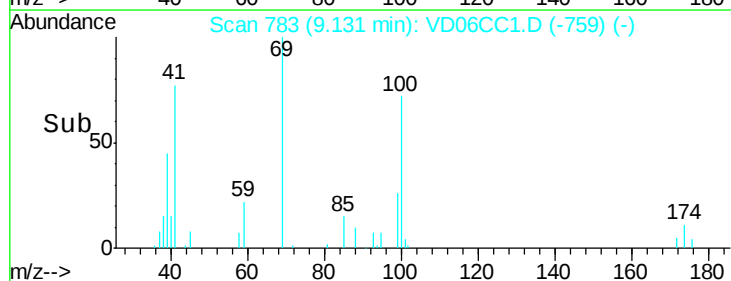
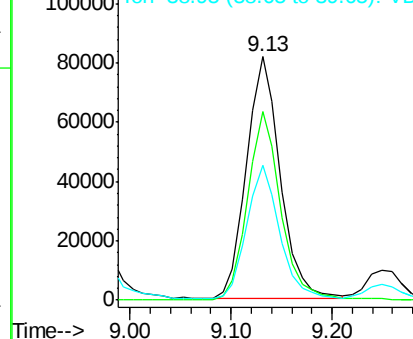
41 100

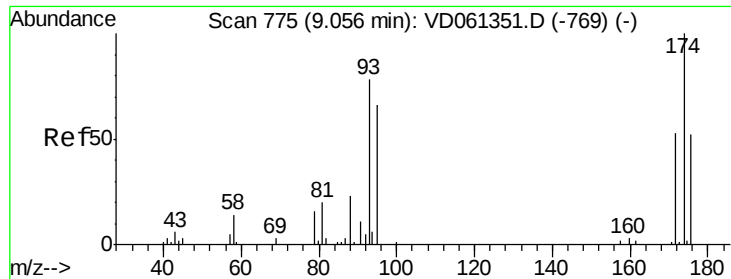
69 77.4 60.2 90.4

39 55.2 41.4 62.2



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 1354.572 ug/l

RT: 9.09 min Scan# 779

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampleId :

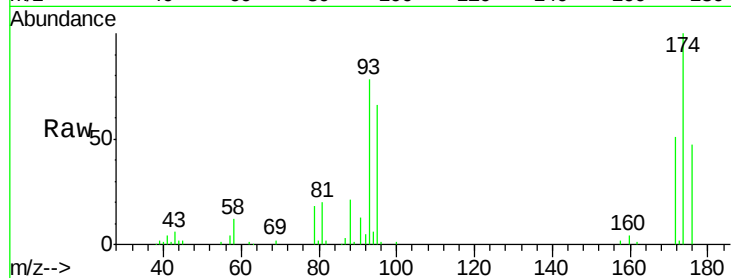
Tot Ion: 88 Resp: 44064

Ion Ratio Lower Upper

88 100

43 28.0 23.3 34.9

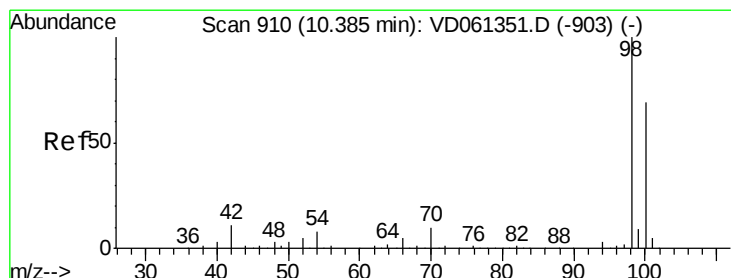
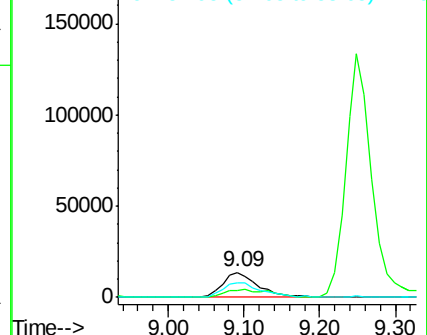
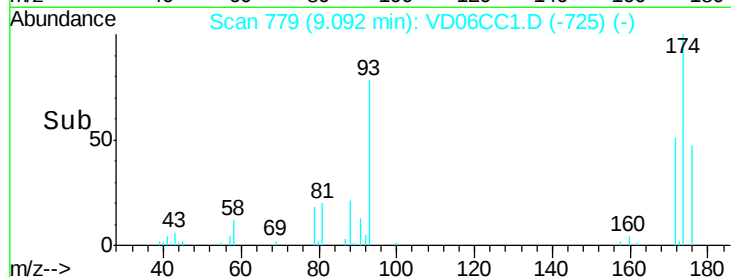
58 56.3 50.8 76.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1354.572 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.04 min

Lab File: VD06CC1.D

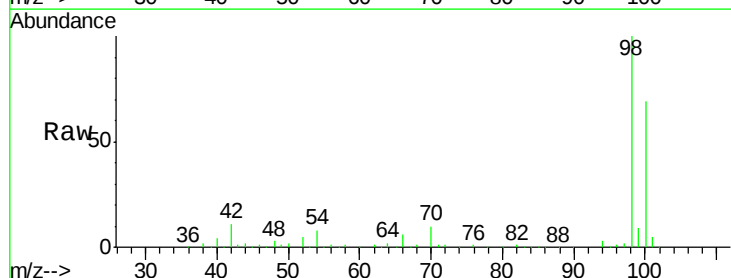
Acq: 3 Apr 2019 1:20

Tgt Ion: 98 Resp: 1088303

Ion Ratio Lower Upper

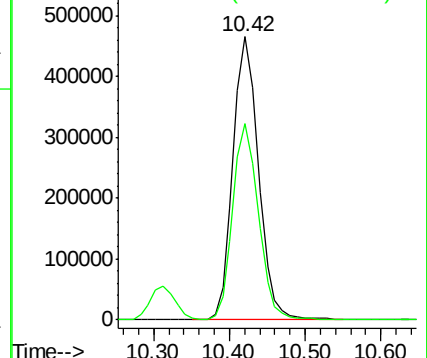
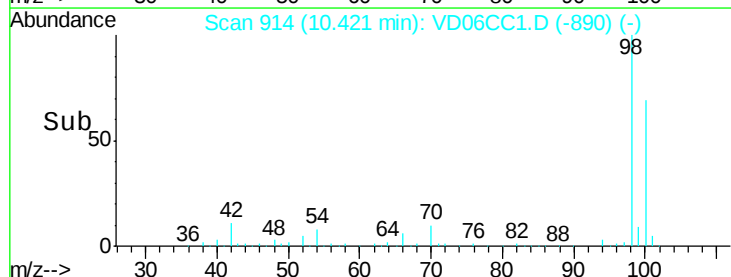
98 100

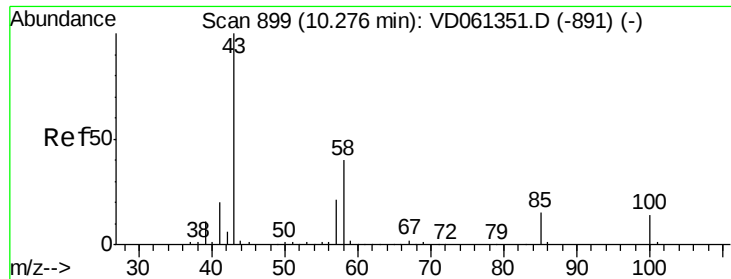
100 69.5 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 320.197 ug/l

RT: 10.30 min Scan# 902

Delta R.T. 0.03 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

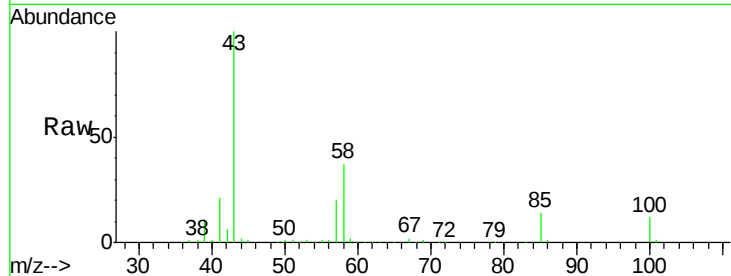
ClientSampleId :

Tot Ion: 43 Resp: 1041023

Ion Ratio Lower Upper

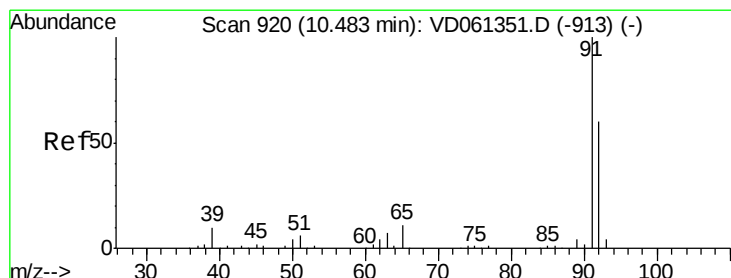
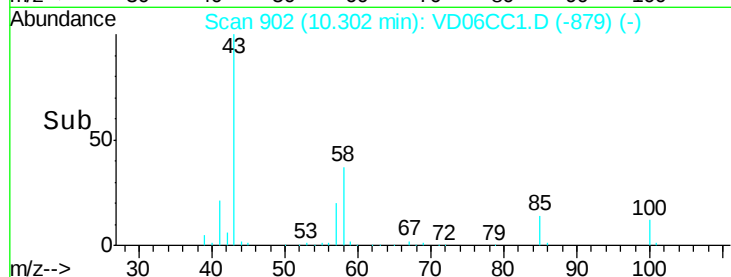
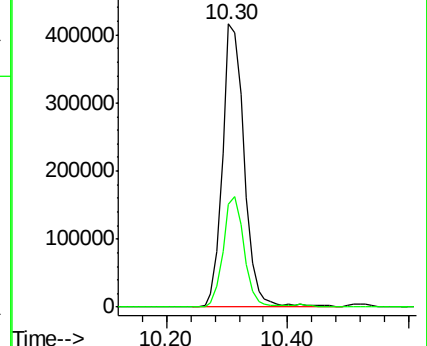
43 100

58 36.5 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 61.160 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.04 min

Lab File: VD06CC1.D

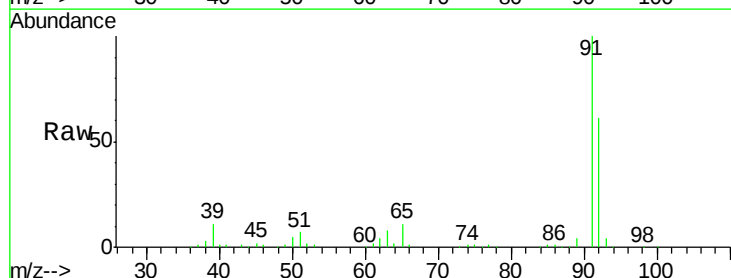
Acq: 3 Apr 2019 1:20

Tgt Ion: 92 Resp: 804200

Ion Ratio Lower Upper

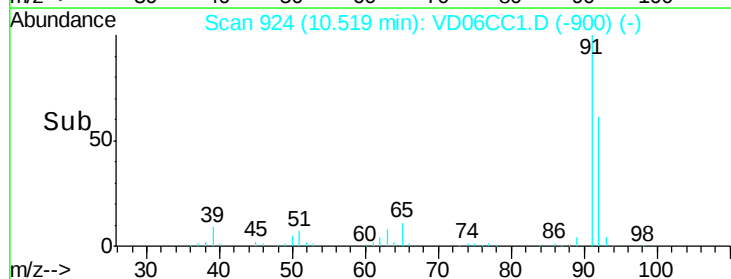
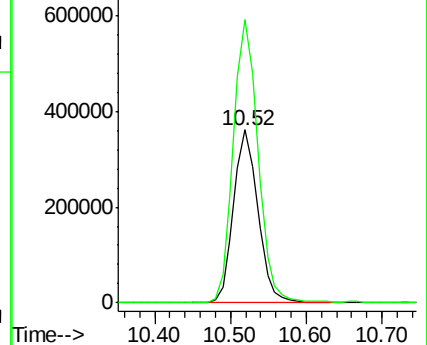
92 100

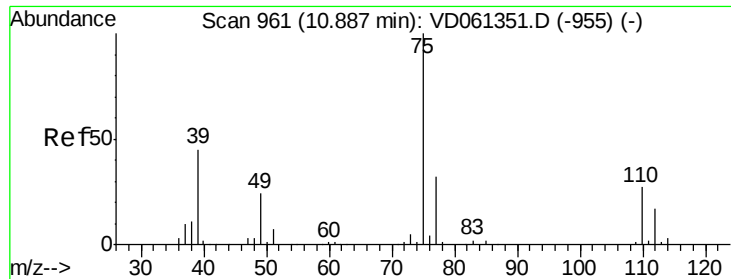
91 163.8 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

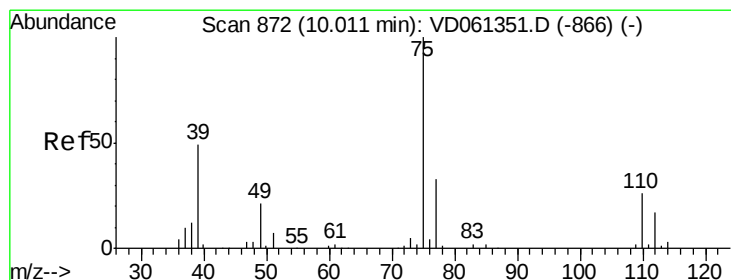
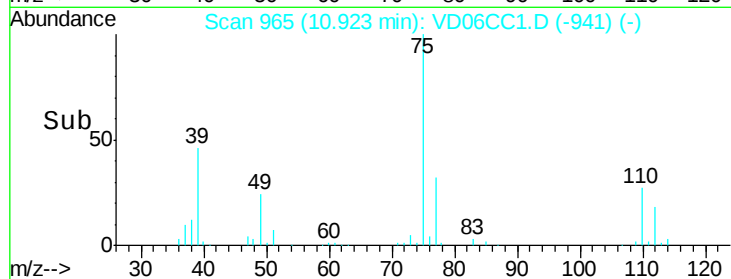
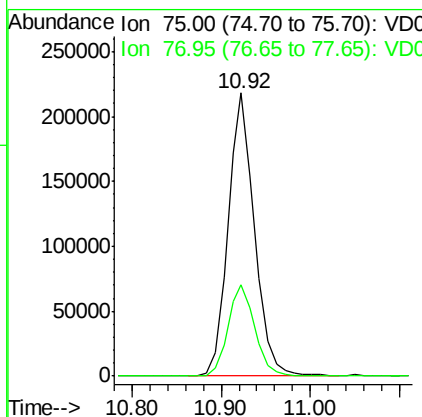
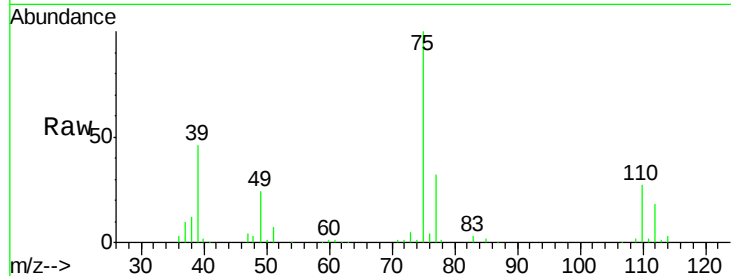




#53
 t-1,3-Dichloropropene
 Concen: 60.219 ug/l
 RT: 10.92 min Scan# 965
 Delta R.T. 0.04 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

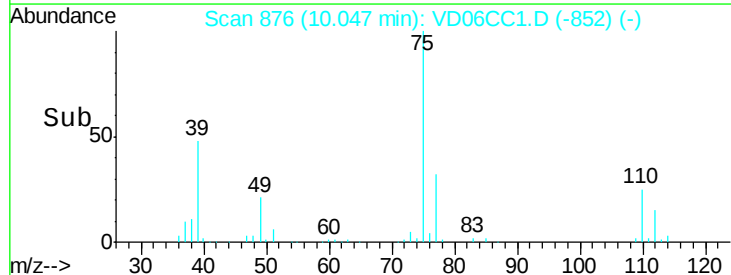
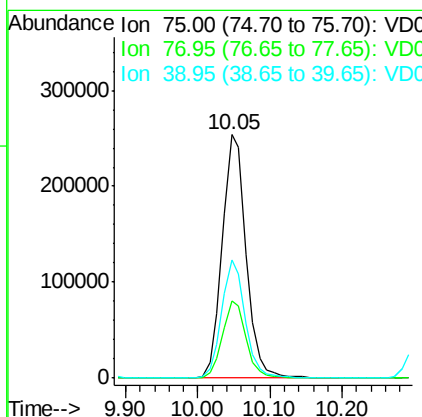
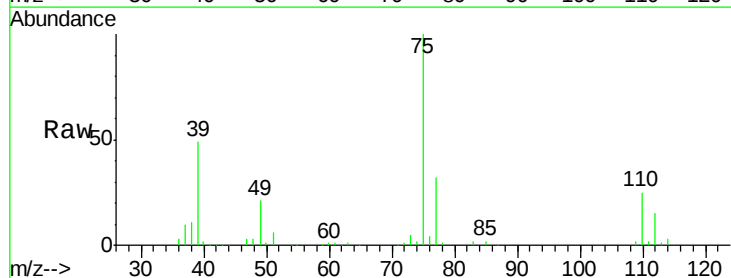
Instrument :
 MSVOA_D
 ClientSampleId :

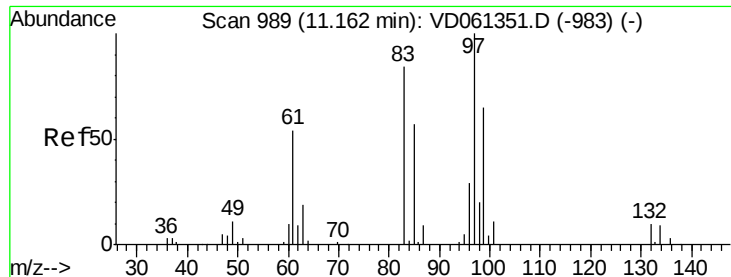
Tot Ion: 75 Resp: 451717
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 63.660 ug/l
 RT: 10.05 min Scan# 876
 Delta R.T. 0.04 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion: 75 Resp: 581474
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.4
 39 48.6 39.4 59.0





#55

1,1,2-Trichloroethane

Concen: 58.210 ug/l

RT: 11.20 min Scan# 993

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 97 Resp: 267681

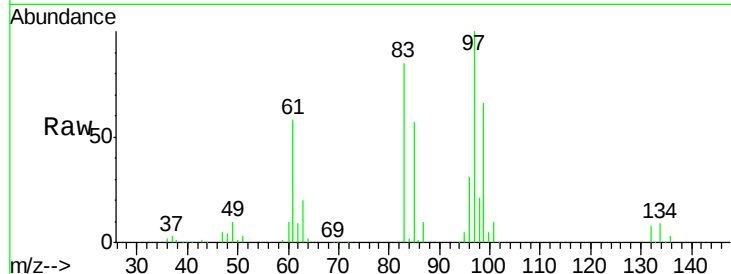
Ion Ratio Lower Upper

97 100

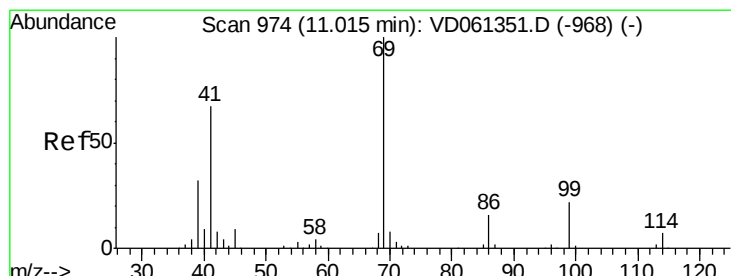
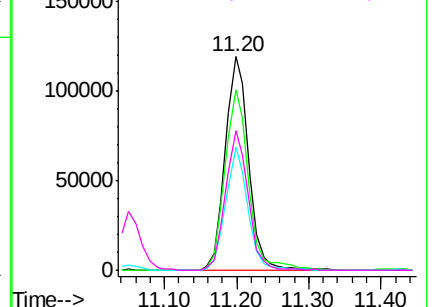
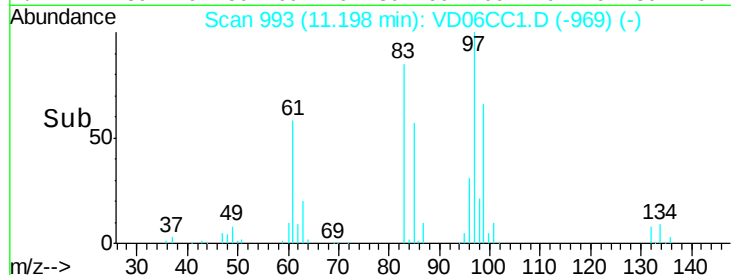
83 84.7 67.0 100.6

85 57.3 45.4 68.2

99 65.6 51.9 77.9



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 60.672 ug/l

RT: 11.05 min Scan# 978

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

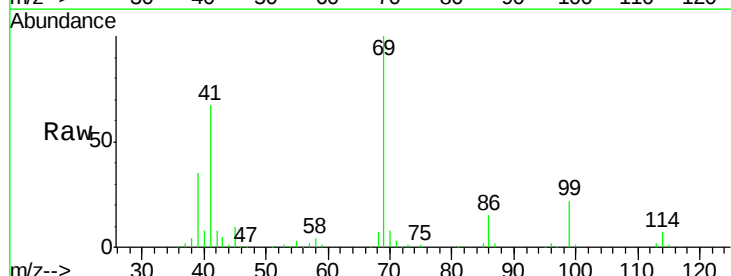
Tgt Ion: 69 Resp: 299724

Ion Ratio Lower Upper

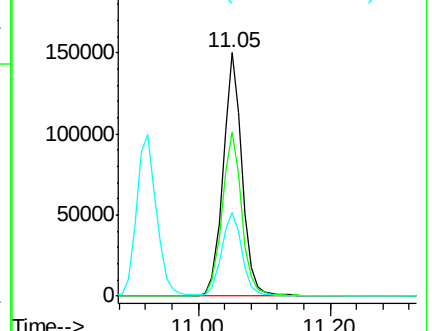
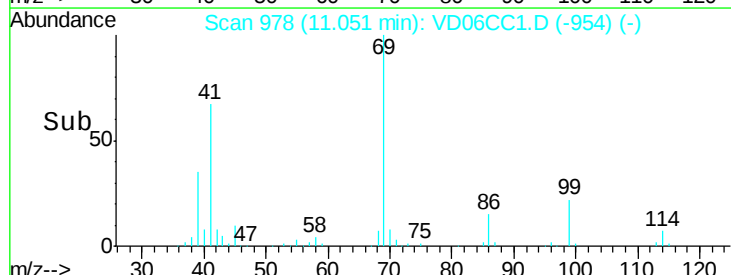
69 100

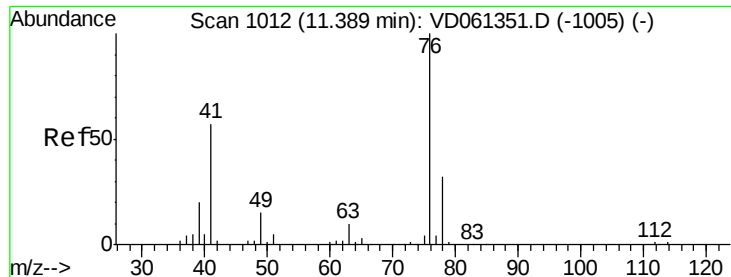
41 67.3 53.8 80.6

39 34.6 26.4 39.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC

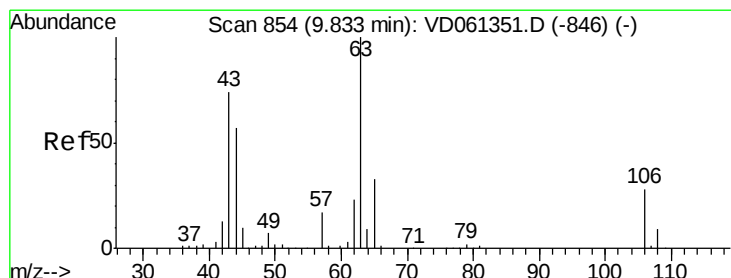
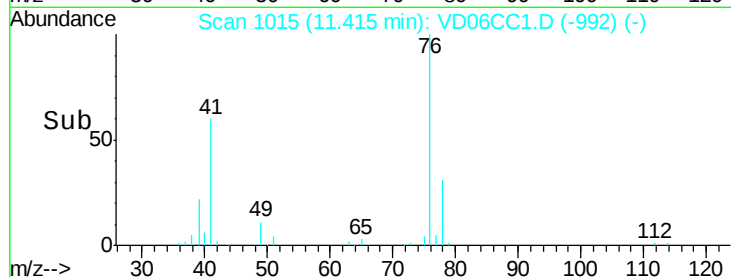
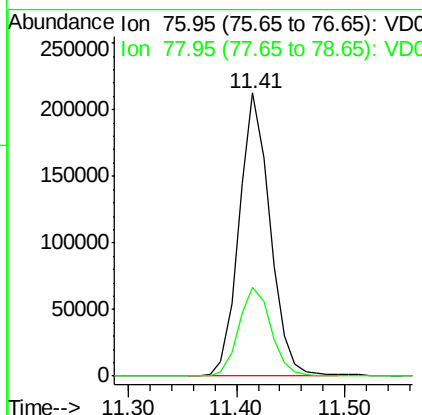
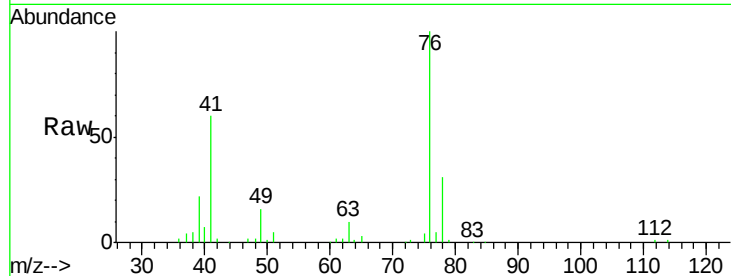




#57
 1,3-Dichloropropane
 Concen: 62.577 ug/l
 RT: 11.41 min Scan# 1015
 Delta R.T. 0.03 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

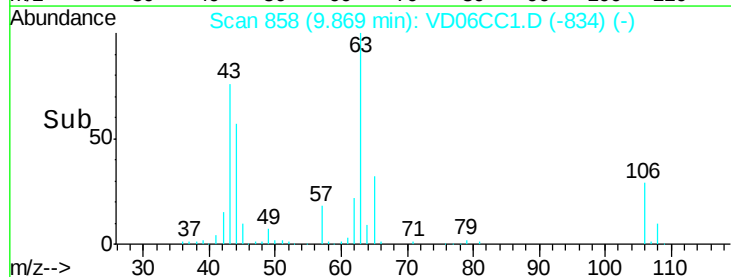
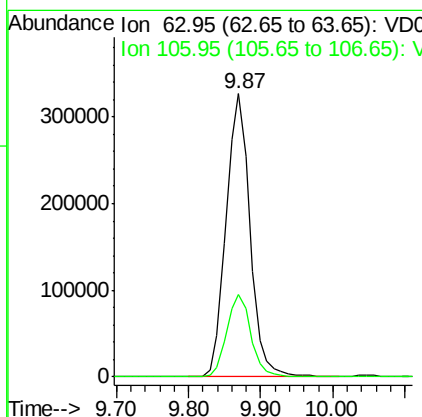
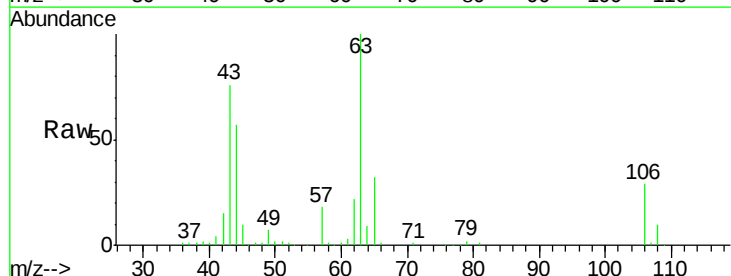
Instrument :
 MSVOA_D
 ClientSampleId :

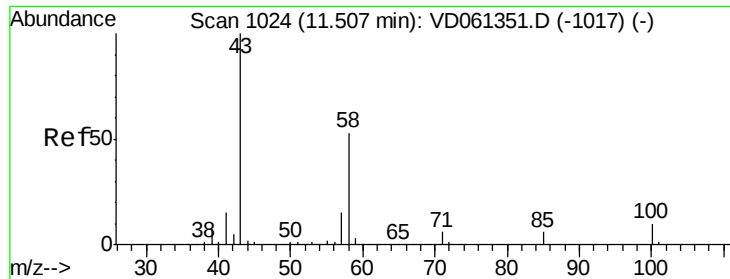
Tot Ion: 76 Resp: 422959
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 313.833 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. 0.04 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion: 63 Resp: 755013
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.4 33.6





#59

2-Hexanone

Concen: 308.856 ug/l

RT: 11.54 min Scan# 1028

Delta R.T. 0.04 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

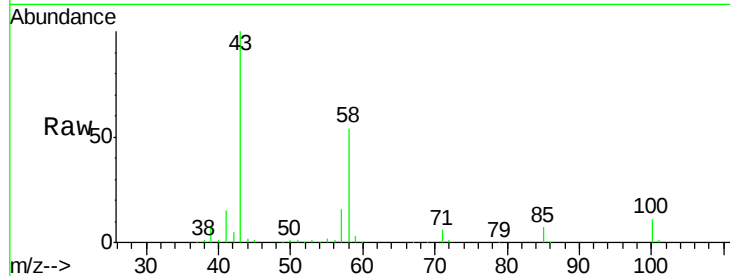
ClientSampleId :

Tot Ion: 43 Resp: 727536

Ion Ratio Lower Upper

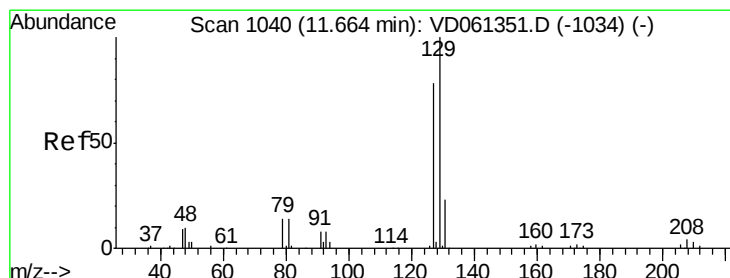
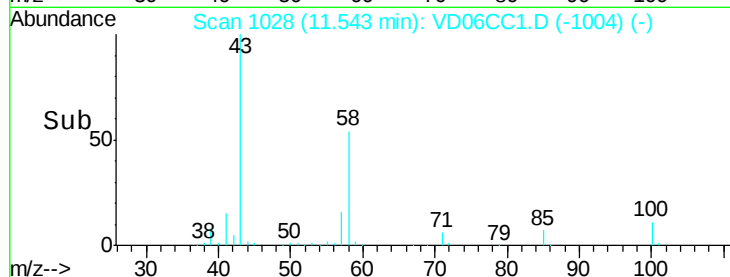
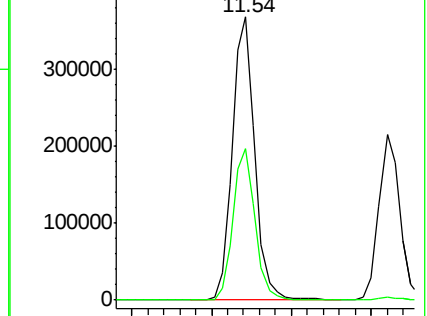
43 100

58 53.7 26.3 78.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#60

Dibromochloromethane

Concen: 60.503 ug/l

RT: 11.69 min Scan# 1043

Delta R.T. 0.03 min

Lab File: VD06CC1.D

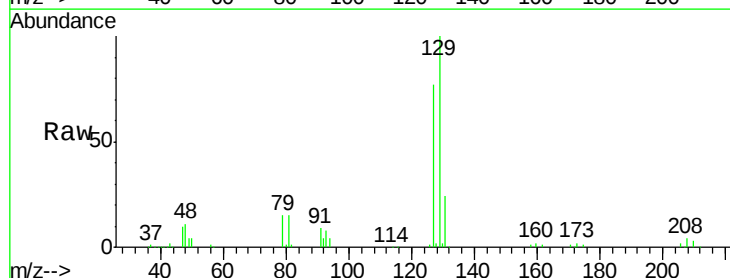
Acq: 3 Apr 2019 1:20

Tgt Ion: 129 Resp: 428917

Ion Ratio Lower Upper

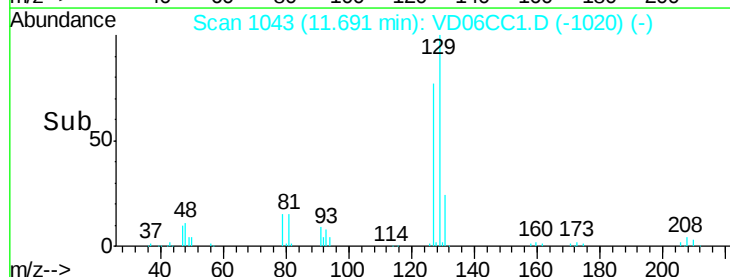
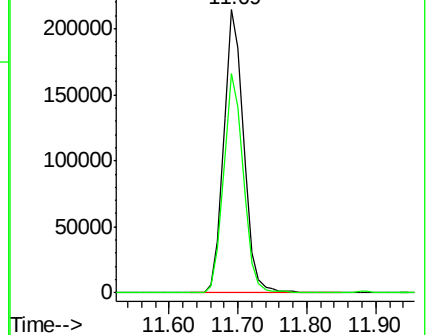
129 100

127 77.4 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

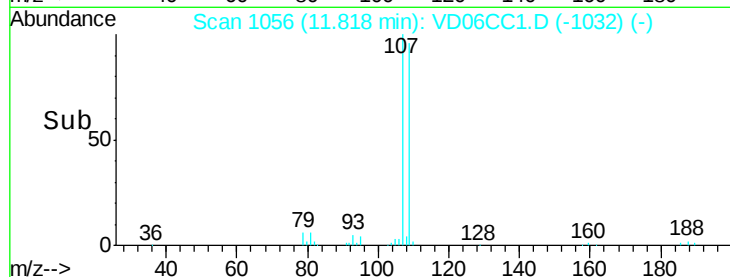
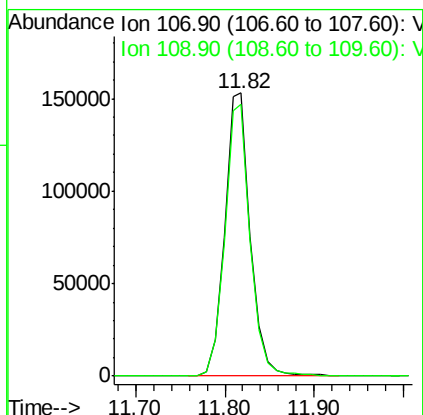
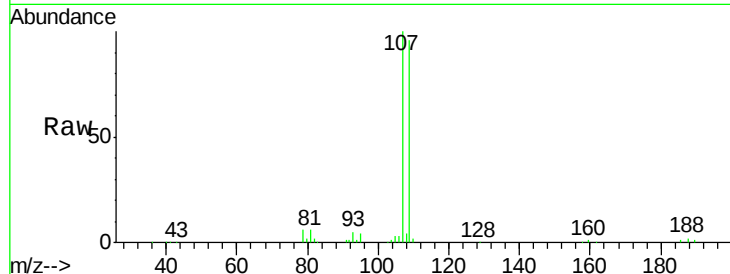




#61
 1,2-Dibromoethane
 Concen: 57.774 ug/l
 RT: 11.82 min Scan# 1056
 Delta R.T. 0.04 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

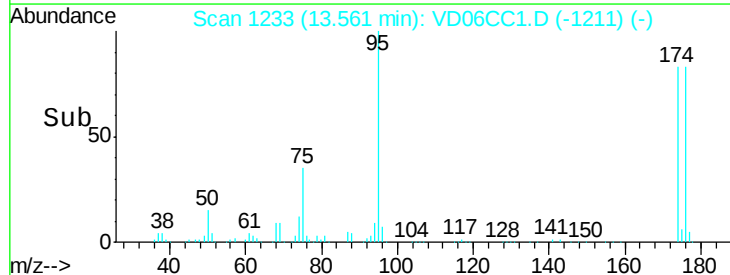
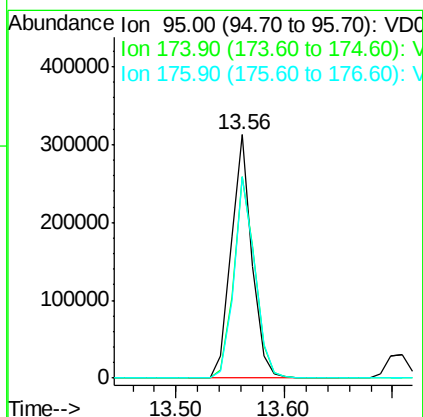
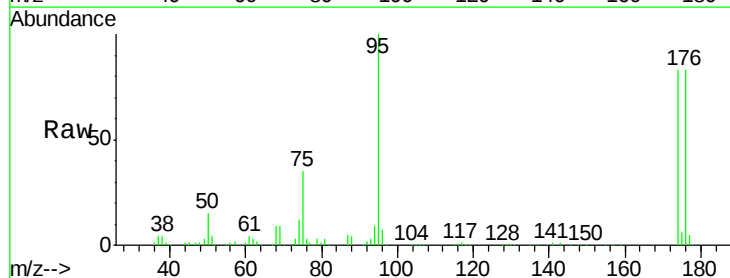
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 107 Resp: 307637
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 57.774 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion: 95 Resp: 416704
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 178.0
 176 82.7 0.0 175.0

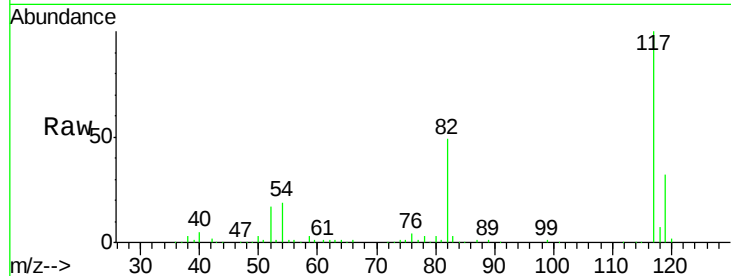




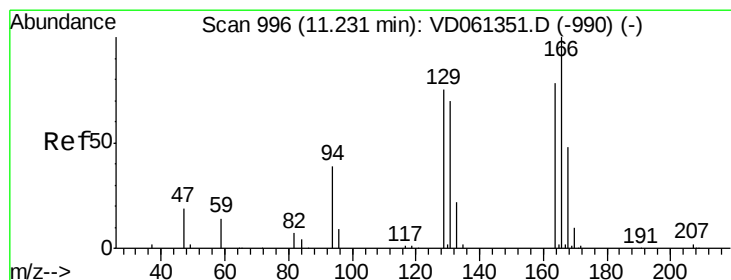
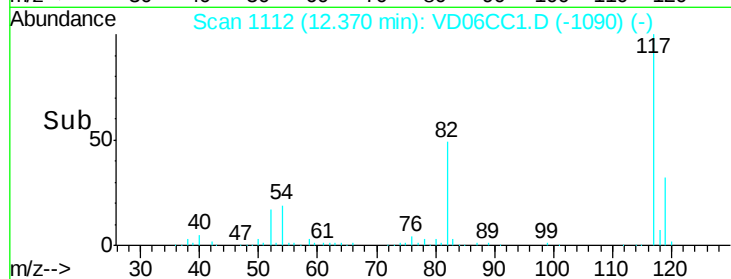
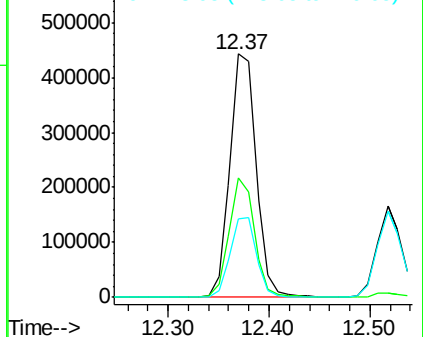
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 803333
Ion Ratio Lower Upper
117 100
82 49.0 34.4 51.6
119 32.3 25.8 38.6

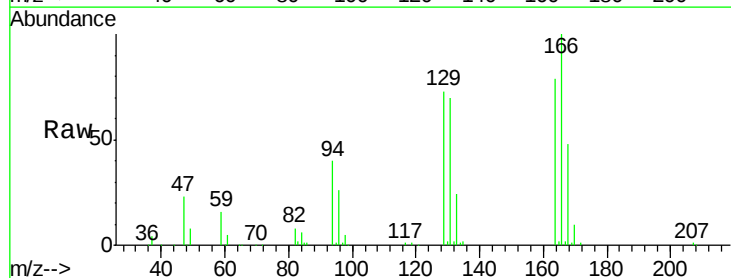


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

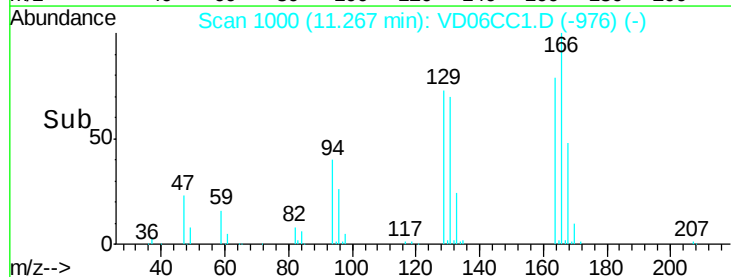
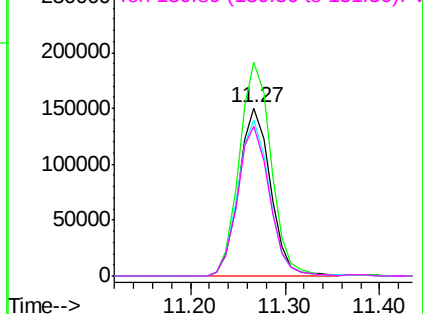


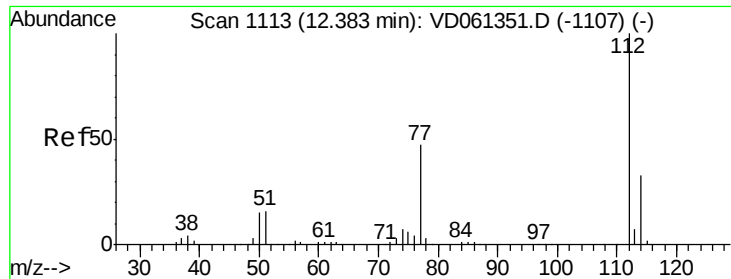
#64
Tetrachloroethene
Concen: 55.272 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.04 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion:164 Resp: 348477
Ion Ratio Lower Upper
164 100
166 126.9 102.4 153.6
129 92.9 76.8 115.2
131 88.7 71.8 107.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

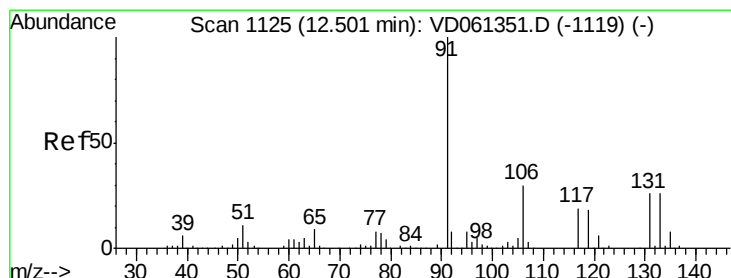
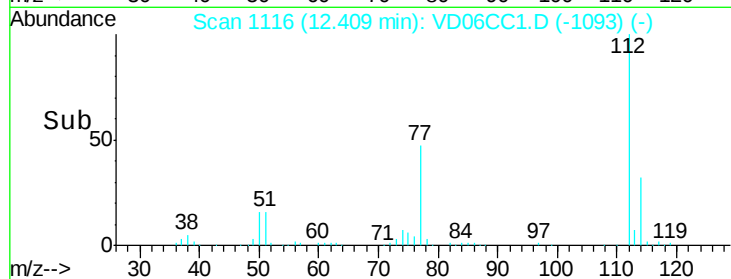
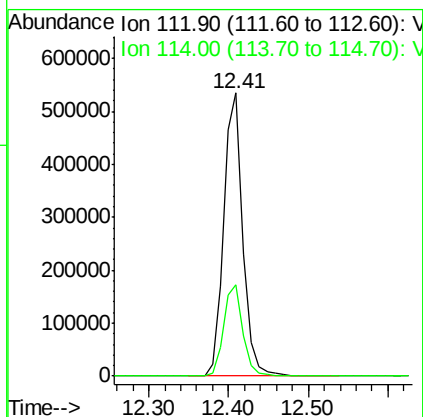
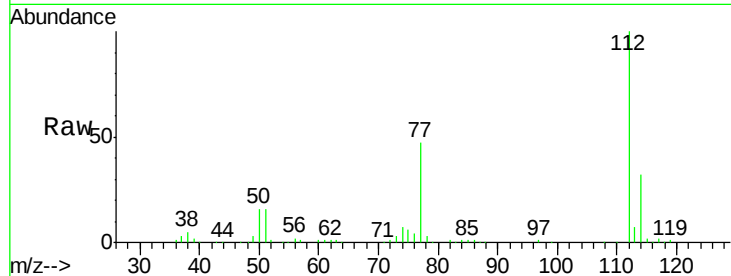




#65
Chlorobenzene
Concen: 54.899 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.03 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

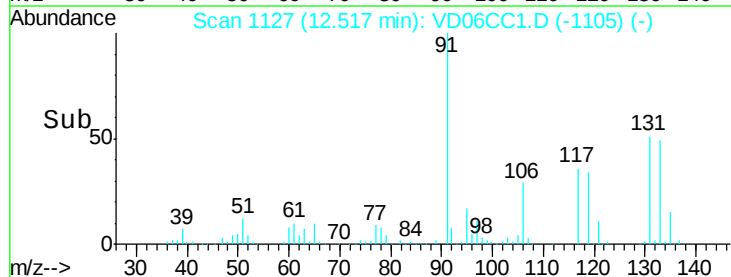
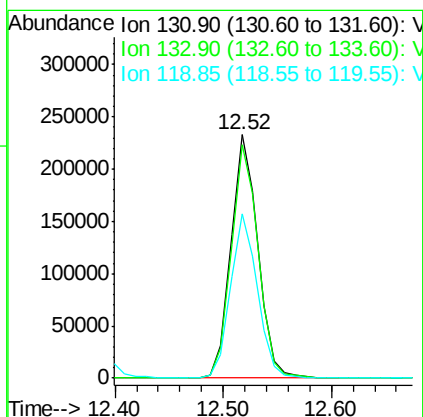
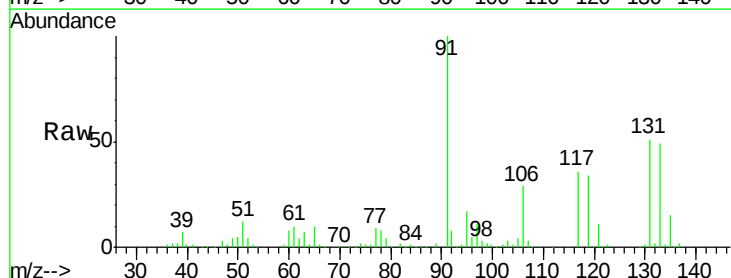
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:112 Resp: 901304
Ion Ratio Lower Upper
112 100
114 32.3 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 63.195 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion:131 Resp: 401708
Ion Ratio Lower Upper
131 100
133 96.1 49.4 148.2
119 67.4 34.1 102.2

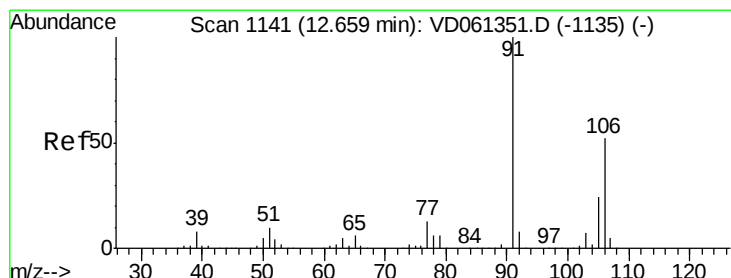
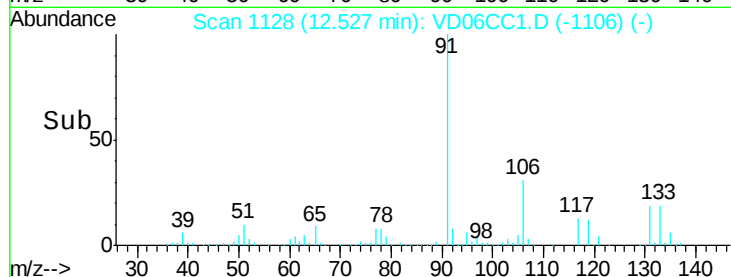
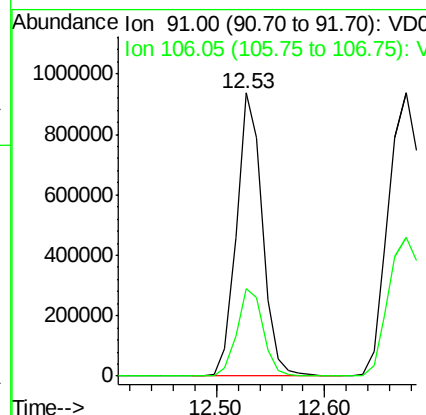
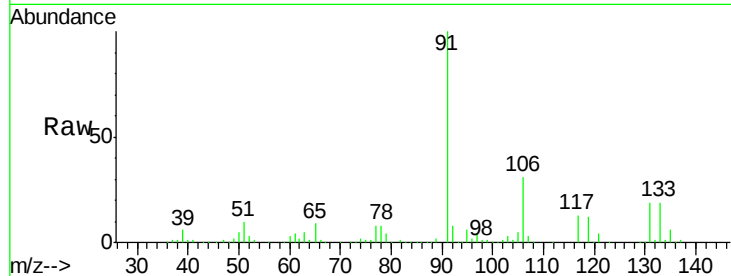




#67
Ethvl Benzene
Concen: 62.074 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

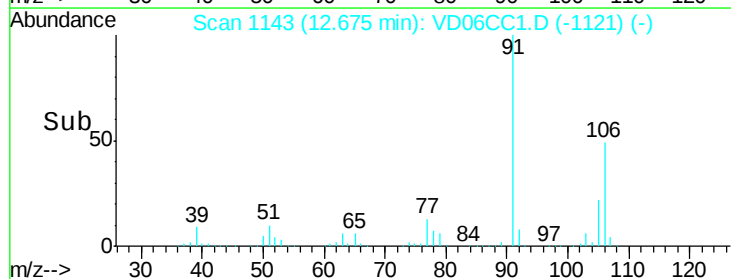
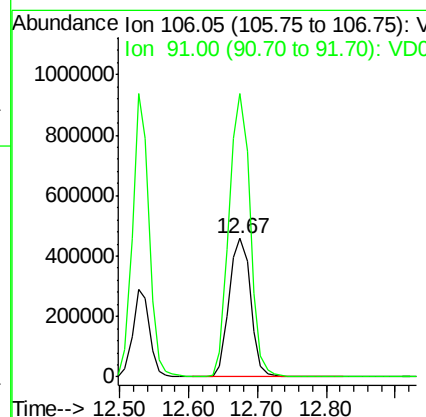
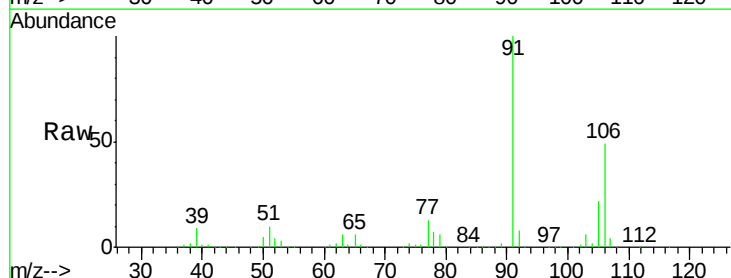
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 1555506
Ion Ratio Lower Upper
91 100
106 31.2 26.1 39.1



#68
m/p-Xylenes
Concen: 105.332 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion:106 Resp: 999858
Ion Ratio Lower Upper
106 100
91 204.4 153.1 229.7

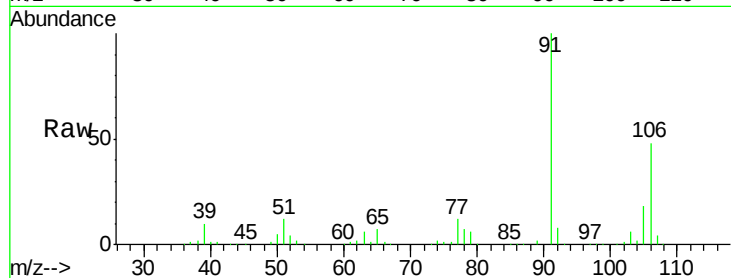




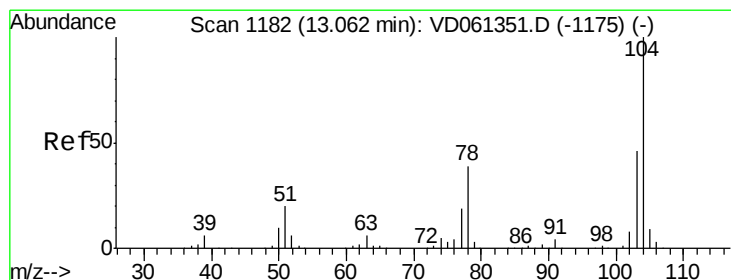
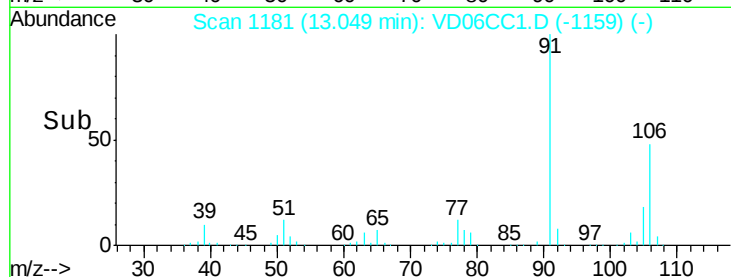
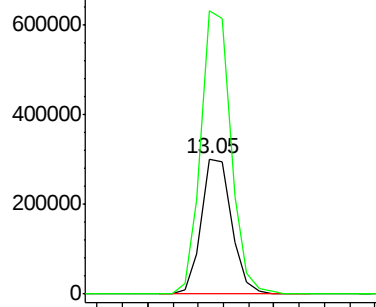
#69
o-Xylene
Concen: 54.385 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 500977
Ion Ratio Lower Upper
106 100
91 208.9 103.8 311.3

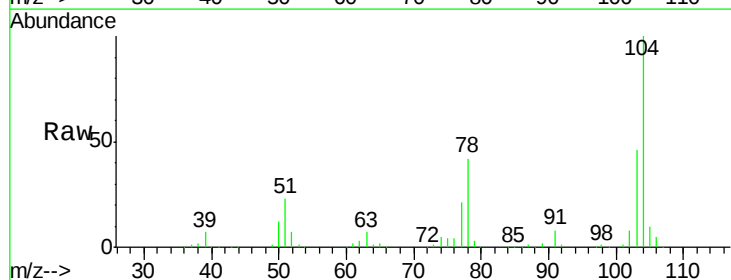


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

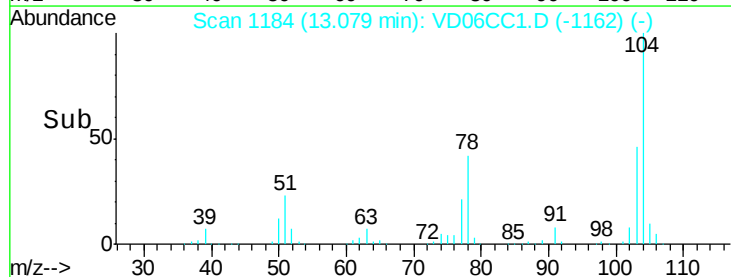
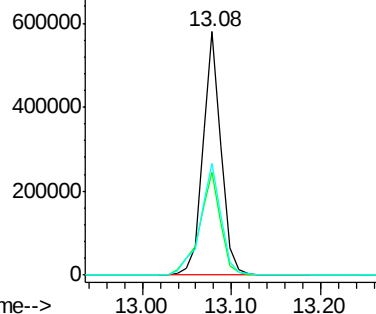


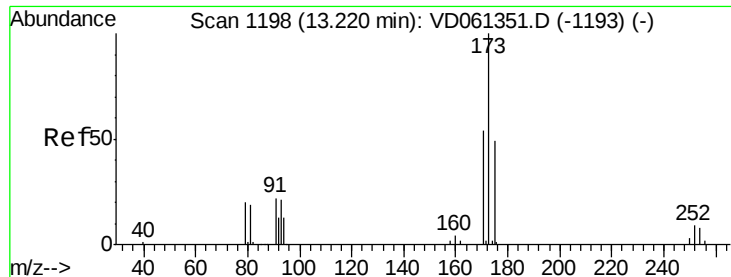
#70
Styrene
Concen: 52.110 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion:104 Resp: 836780
Ion Ratio Lower Upper
104 100
78 42.1 31.0 46.6
103 45.8 37.0 55.4



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 61.870 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.02 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampled :

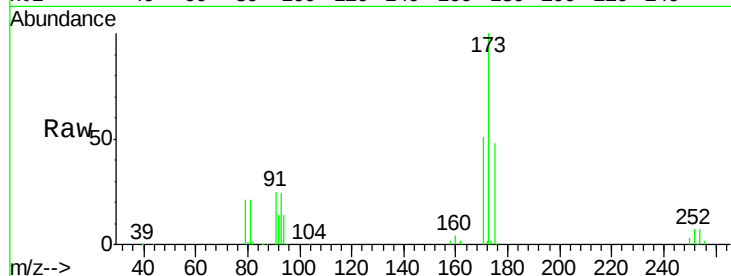
Tot Ion:173 Resp: 249309

Ion Ratio Lower Upper

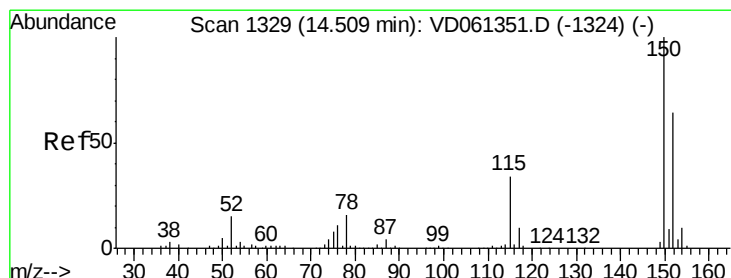
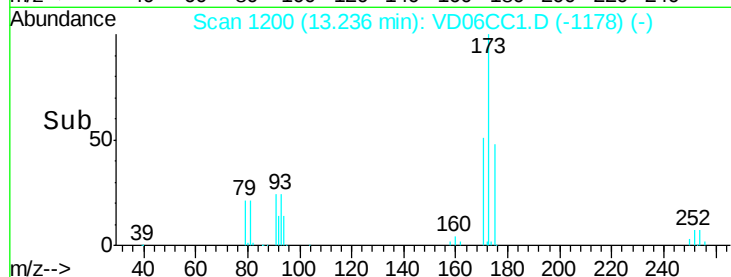
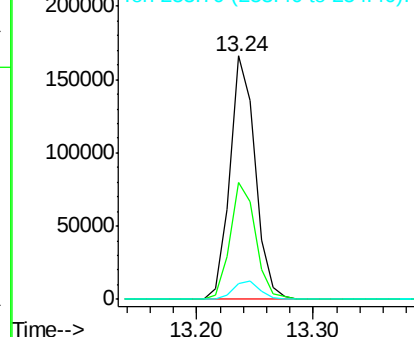
173 100

175 48.2 24.6 73.8

254 6.6 6.6 10.0#



Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

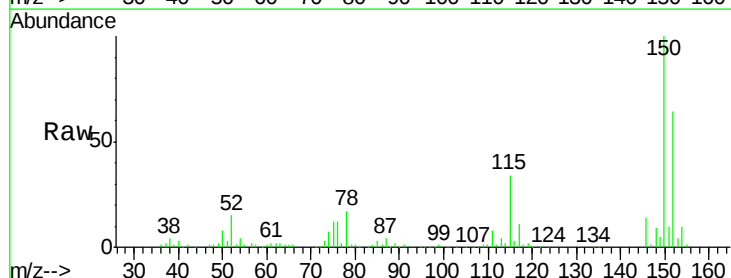
Tgt Ion:152 Resp: 376372

Ion Ratio Lower Upper

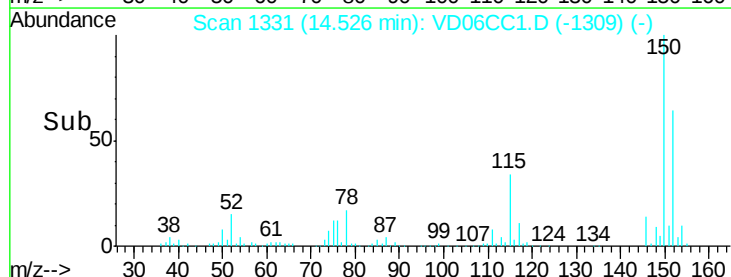
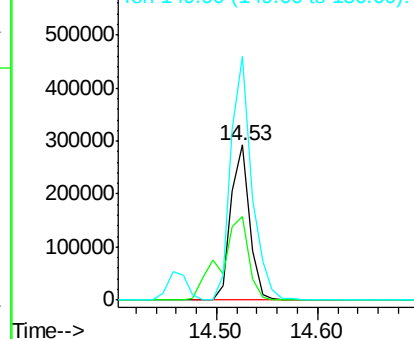
152 100

115 53.6 26.9 80.6

150 156.9 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.507 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.02 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

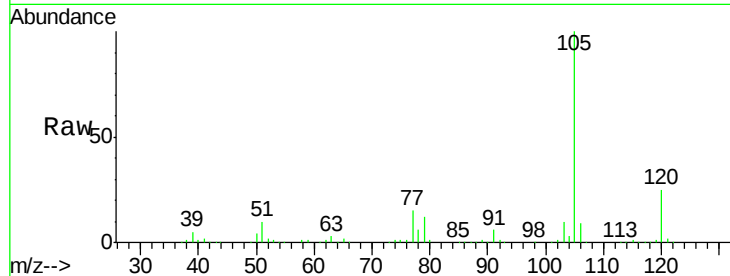
ClientSampleId :

Tot Ion:105 Resp: 1375438

Ion Ratio Lower Upper

105 100

120 24.5 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

1000000

800000

600000

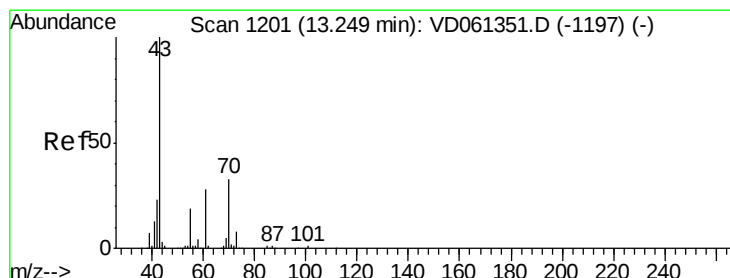
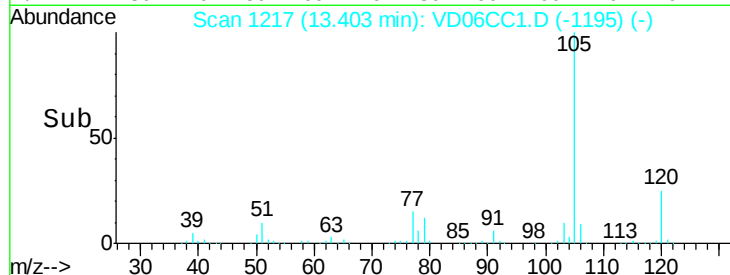
400000

200000

0

13.30 13.40 13.50 13.60

Time-->



#74

N-ethyl acetate

Concen: 55.237 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.02 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Tgt Ion: 43 Resp: 403072

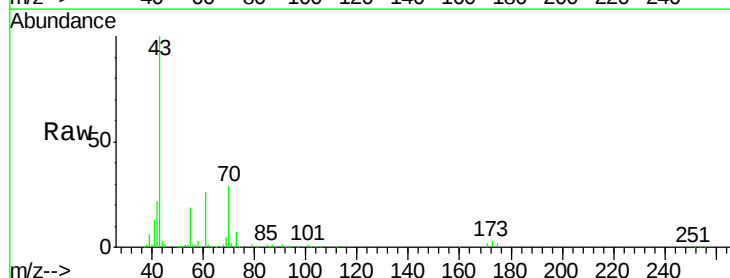
Ion Ratio Lower Upper

43 100

70 29.2 26.6 40.0

55 18.9 15.4 23.2

61 25.6 22.2 33.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

400000

300000

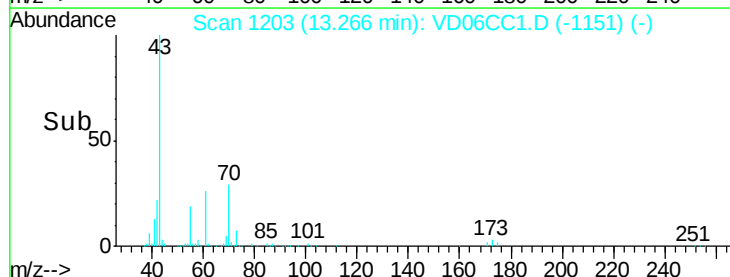
200000

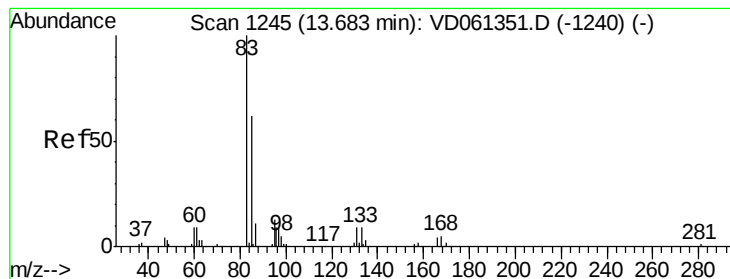
100000

0

13.20 13.30 13.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.254 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampled :

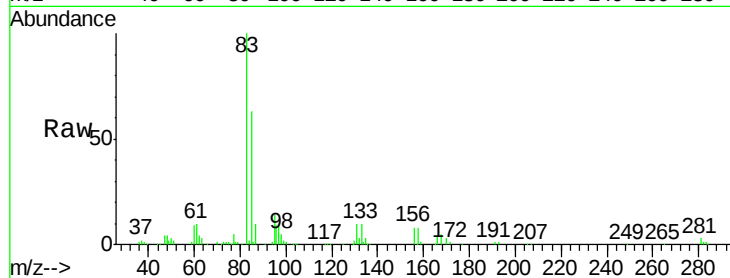
Tot Ion: 83 Resp: 310850

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.3	13.1
85	63.1	31.2	93.6

83 100

131 9.8 4.3 13.1

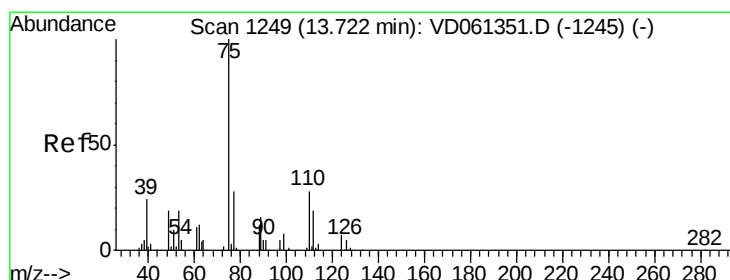
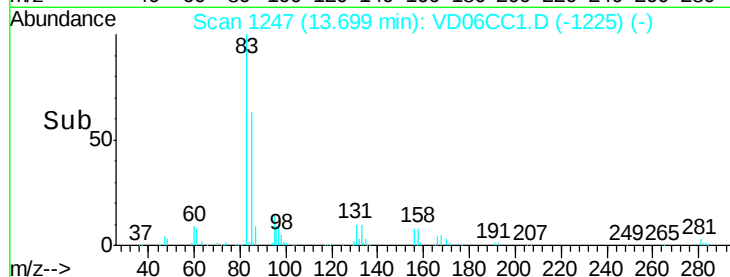
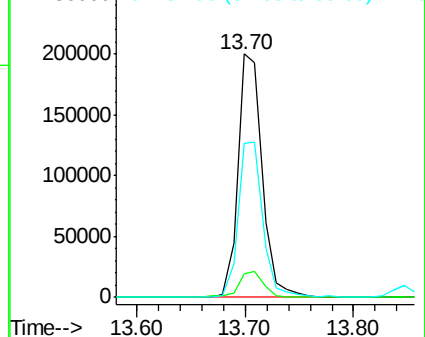
85 63.1 31.2 93.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 55.538 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.02 min

Lab File: VD06CC1.D

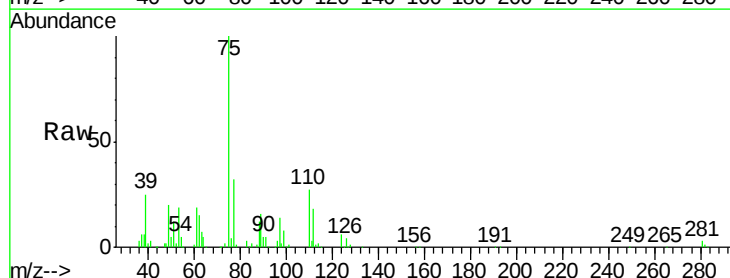
Acq: 3 Apr 2019 1:20

Tgt Ion: 75 Resp: 301946

Ion	Ratio	Lower	Upper
75	100		
77	32.4	16.2	48.5

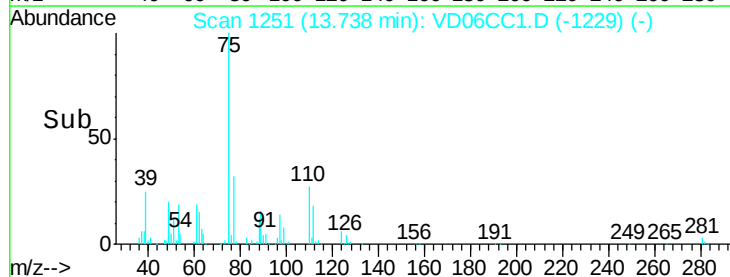
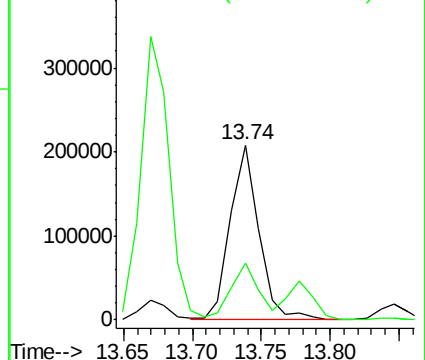
75 100

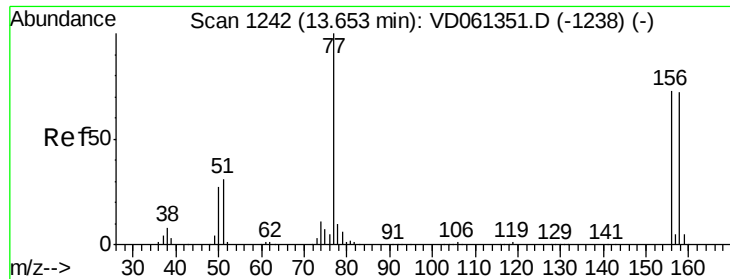
77 32.4 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 52.235 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.03 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampled :

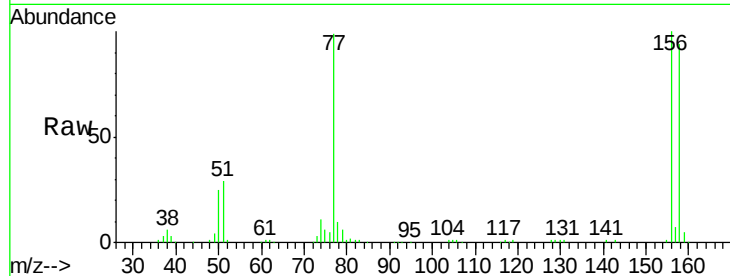
Tot Ion:156 Resp: 405646

Ion Ratio Lower Upper

156 100

77 98.9 68.5 205.6

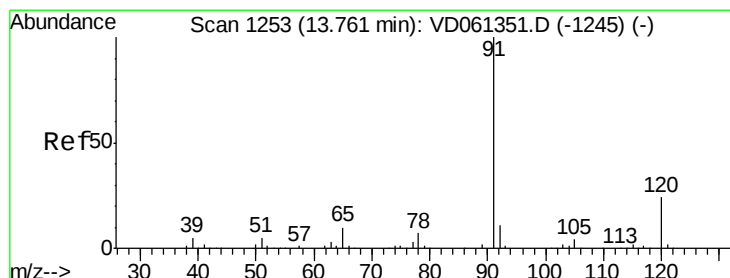
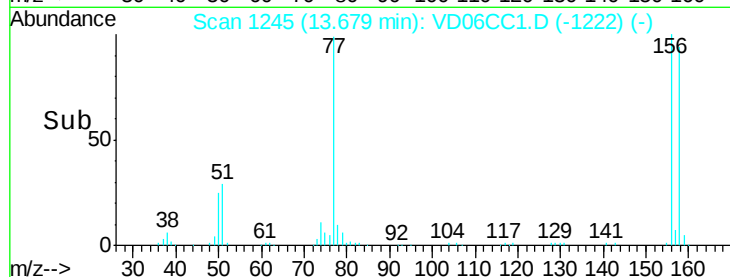
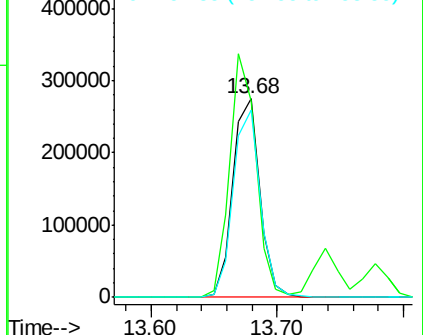
158 94.4 49.1 147.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 53.460 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.02 min

Lab File: VD06CC1.D

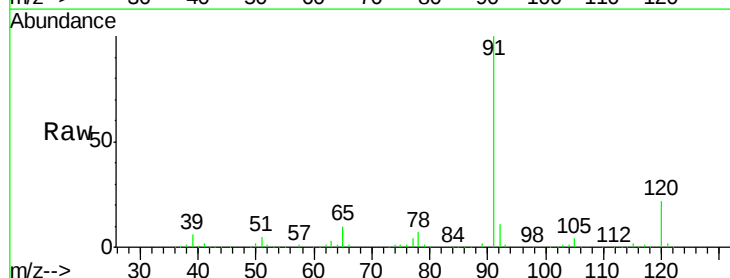
Acq: 3 Apr 2019 1:20

Tgt Ion: 91 Resp: 1713739

Ion Ratio Lower Upper

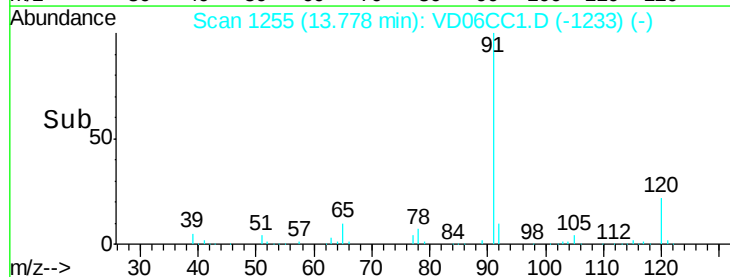
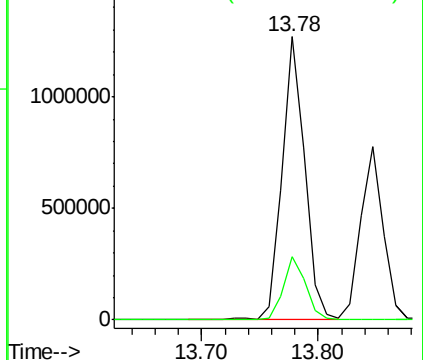
91 100

120 22.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

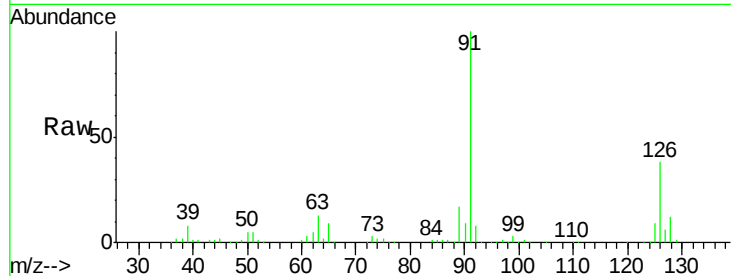




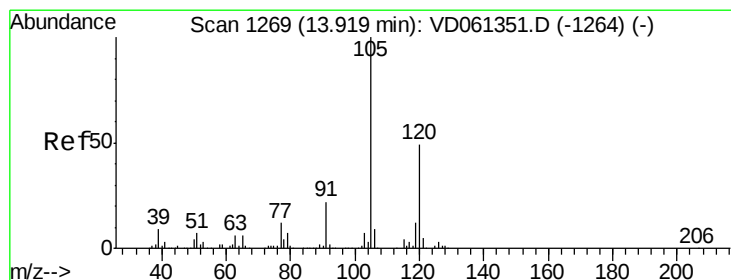
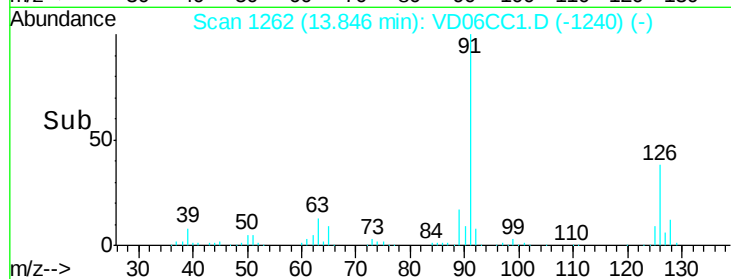
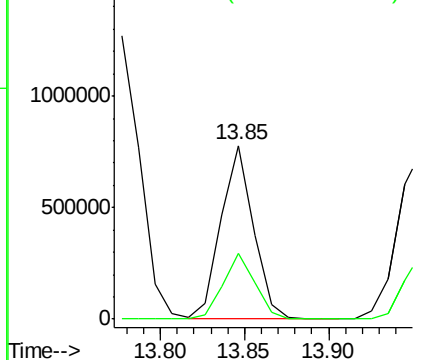
#79
2-Chlorotoluene
Concen: 59.823 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 1041286
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.2

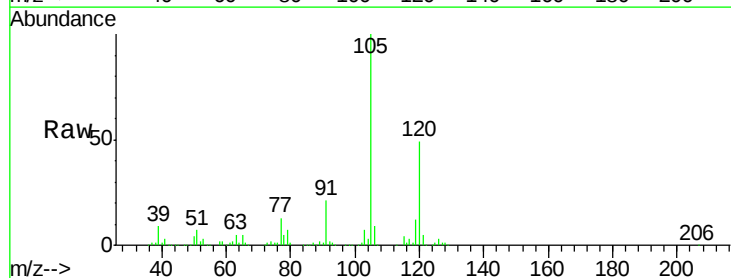


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

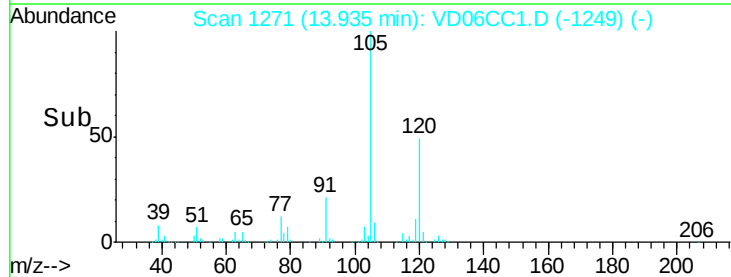
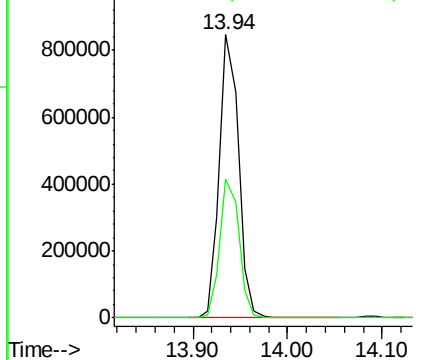


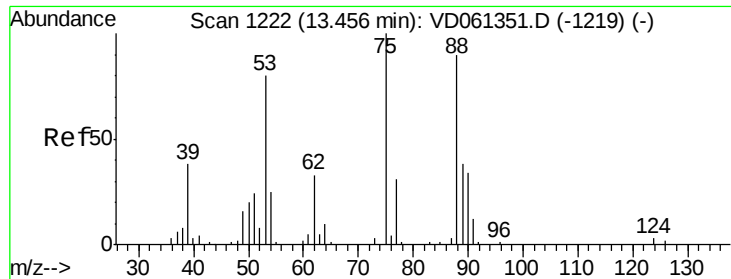
#80
1,3,5-Trimethylbenzene
Concen: 58.520 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 105 Resp: 1189384
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

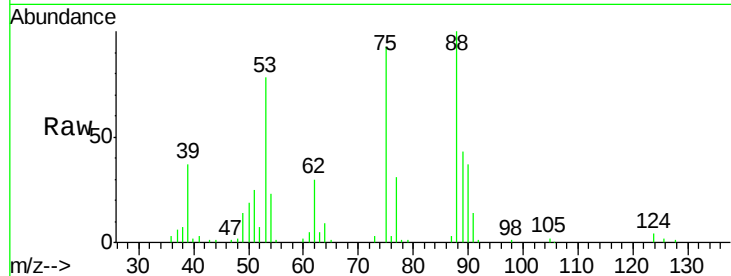




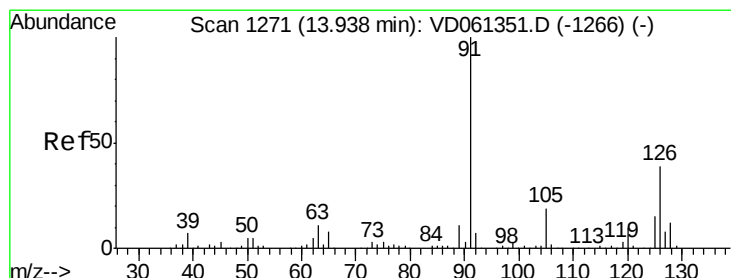
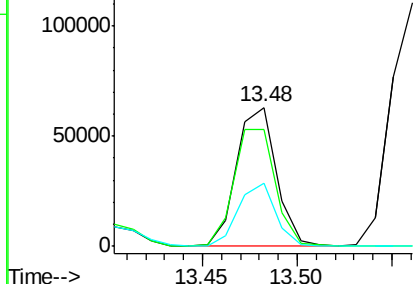
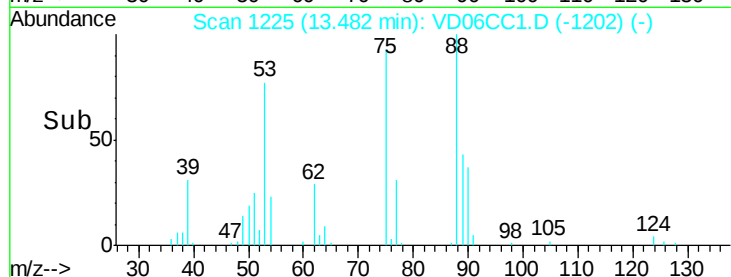
#81
trans-1,4-Dichloro-2-butene
Concen: 55.668 ug/l
RT: 13.48 min Scan# 1225
Delta R.T. 0.03 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 75 Resp: 92280
Ion Ratio Lower Upper
75 100
53 83.7 63.8 95.8
89 45.5 30.5 45.7

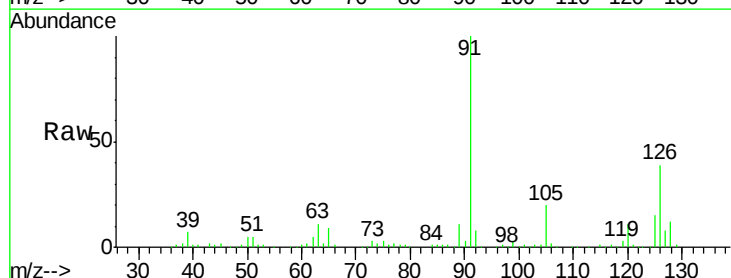


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

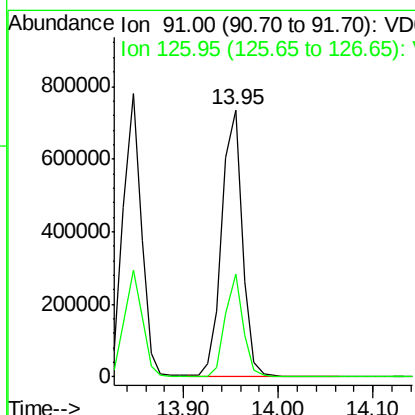
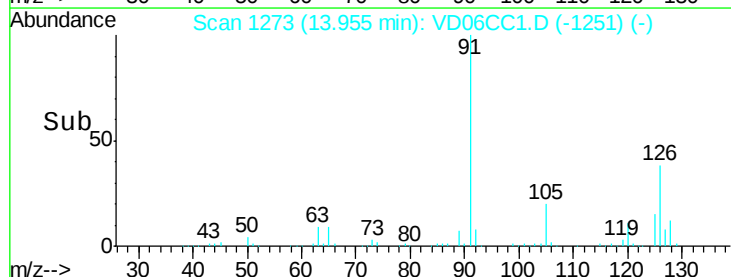


#82
4-Chlorotoluene
Concen: 58.603 ug/l
RT: 13.95 min Scan# 1273
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 91 Resp: 1109125
Ion Ratio Lower Upper
91 100
126 38.7 19.6 58.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

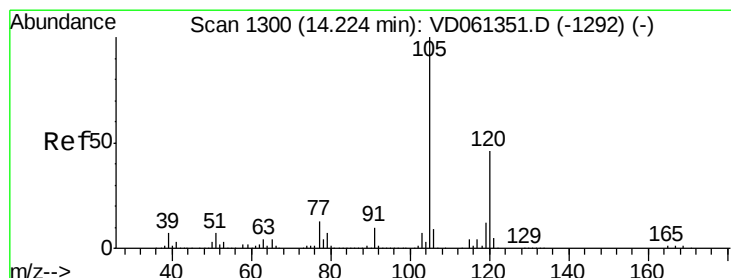
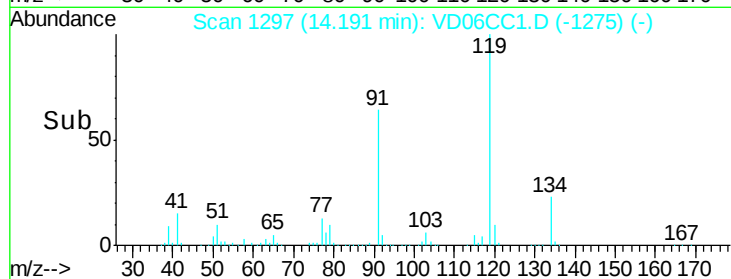
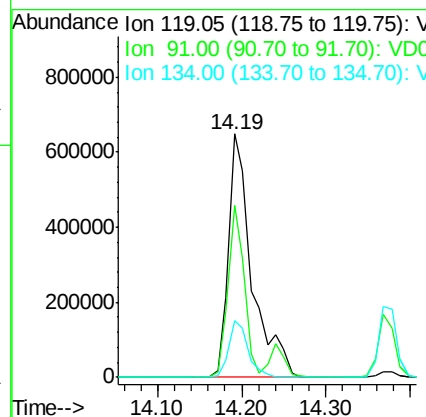
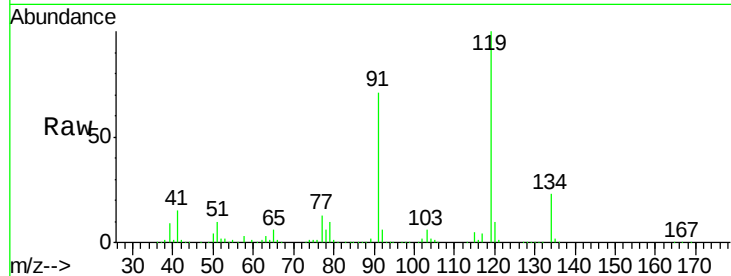




#83
tert-Butylbenzene
Concen: 49.820 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

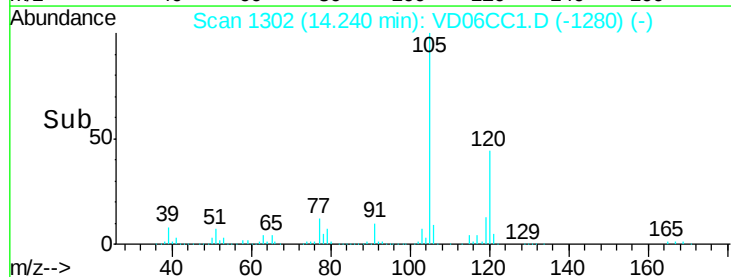
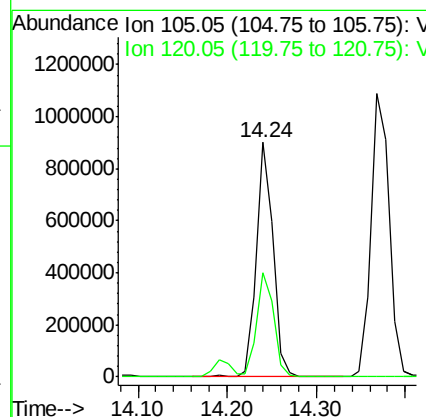
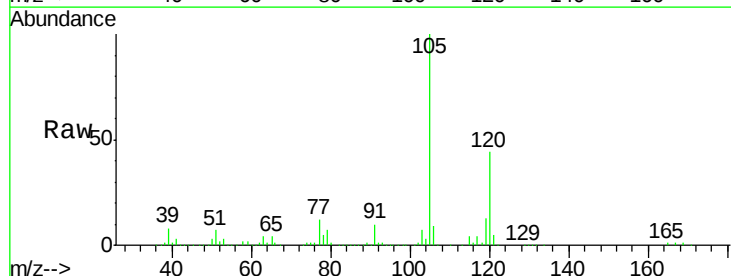
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:119 Resp: 1265421
Ion Ratio Lower Upper
119 100
91 70.5 34.1 102.3
134 23.4 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 52.332 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion:105 Resp: 1151491
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4

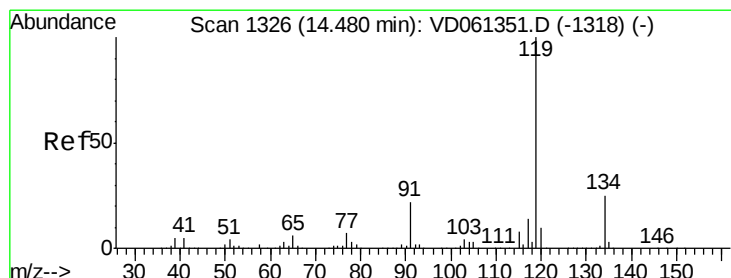
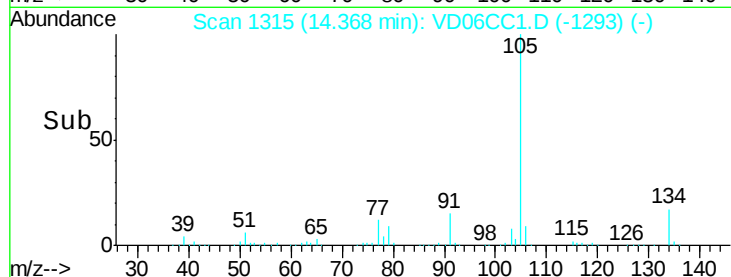
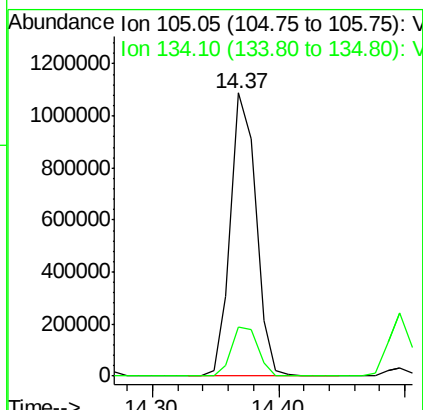
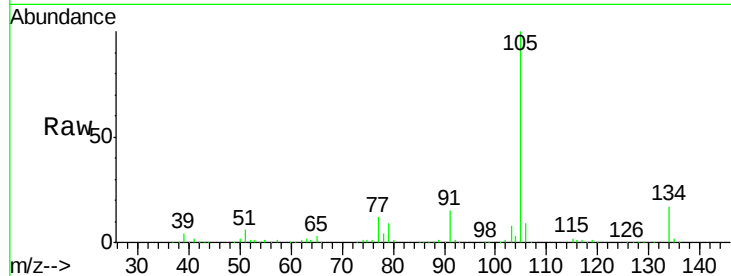




#85
 sec-Butylbenzene
 Concen: 56.341 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

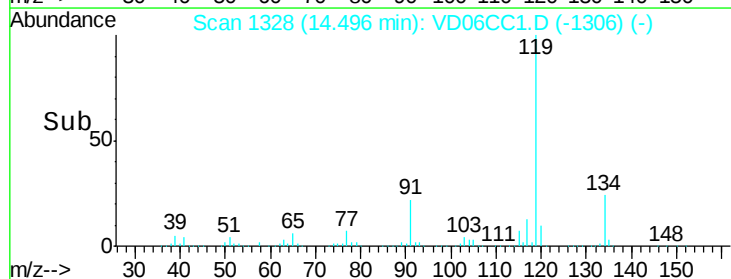
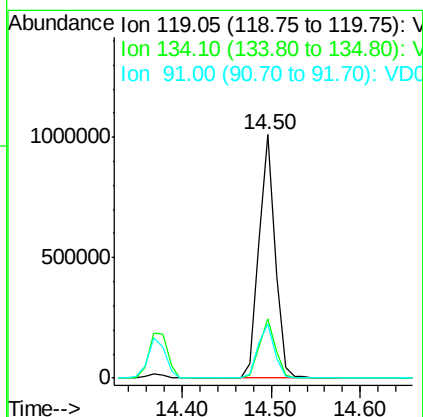
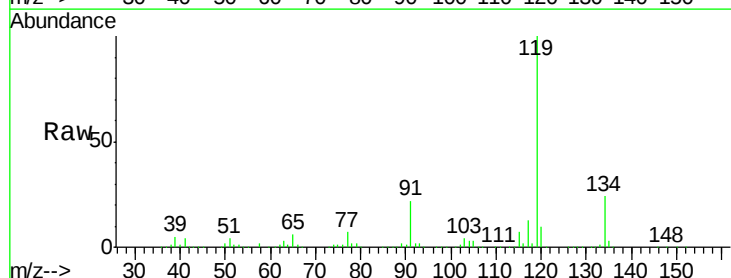
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:105 Resp: 1520264
 Ion Ratio Lower Upper
 105 100
 134 17.4 8.7 26.1



#86
 p-Isopropyltoluene
 Concen: 54.921 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion:119 Resp: 1253134
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.3 36.8
 91 22.0 11.1 33.1

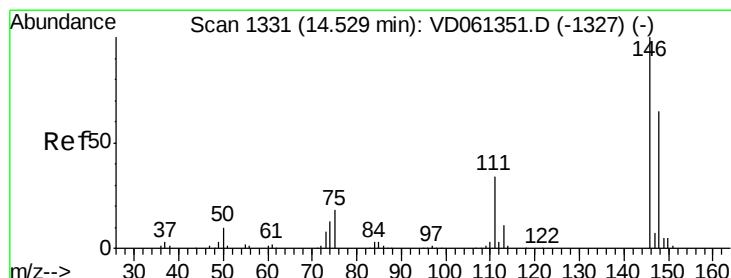
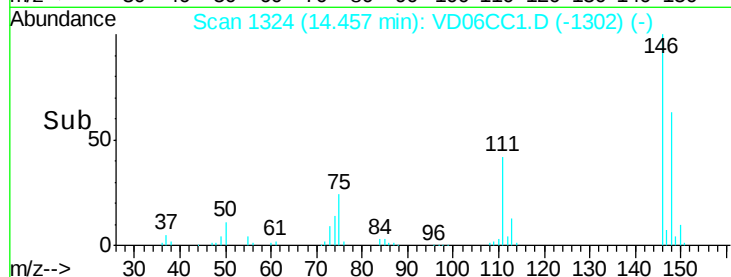
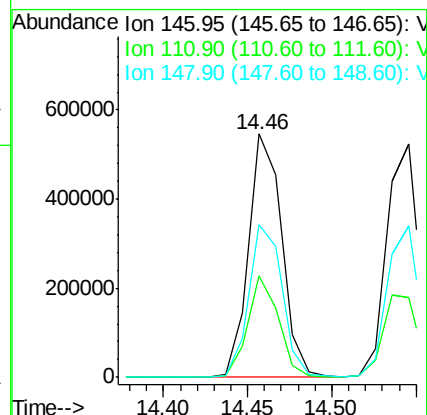
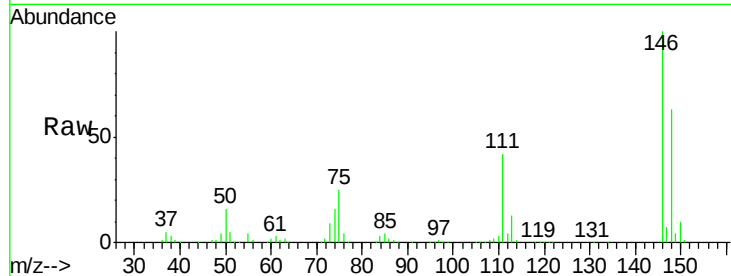




#87
 1,3-Dichlorobenzene
 Concen: 56.926 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

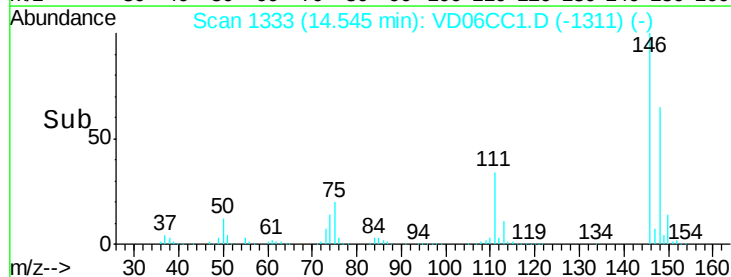
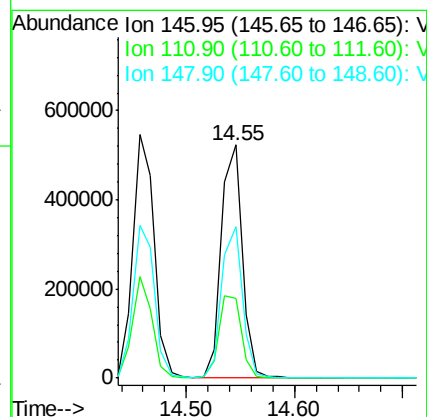
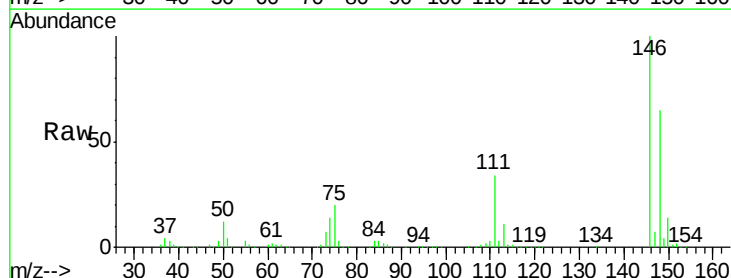
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 748602
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 62.5 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 55.158 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion:146 Resp: 707359
 Ion Ratio Lower Upper
 146 100
 111 34.5 16.8 50.4
 148 65.0 32.6 98.0

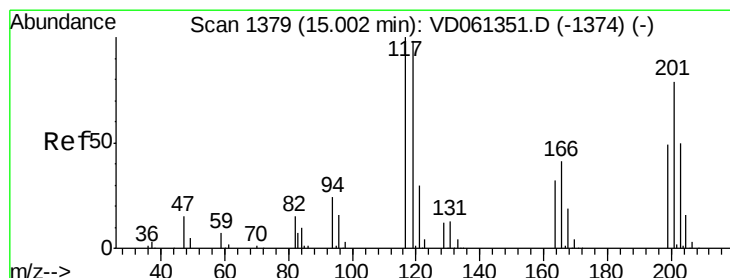
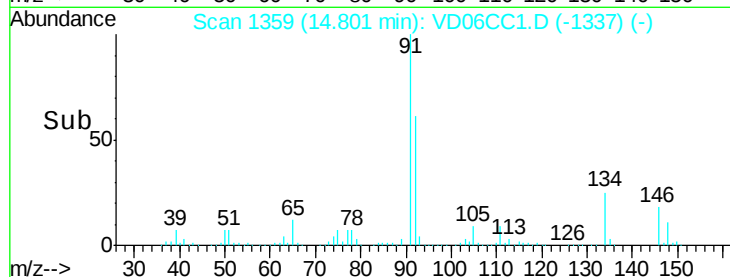
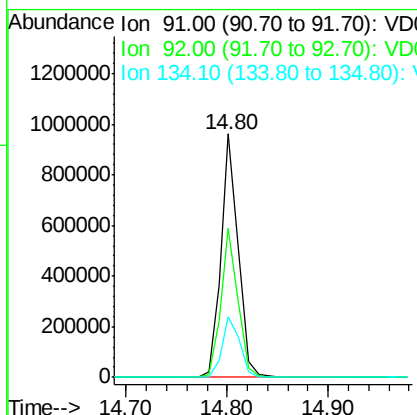
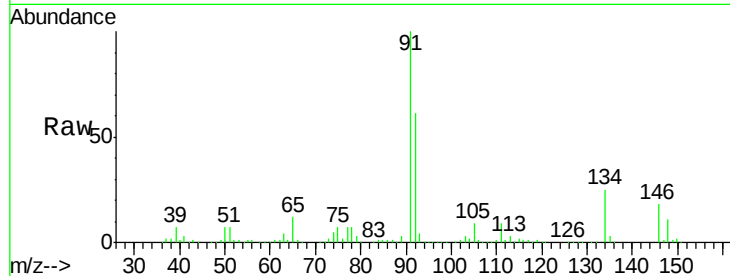




#89
n-Butylbenzene
Concen: 54.789 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

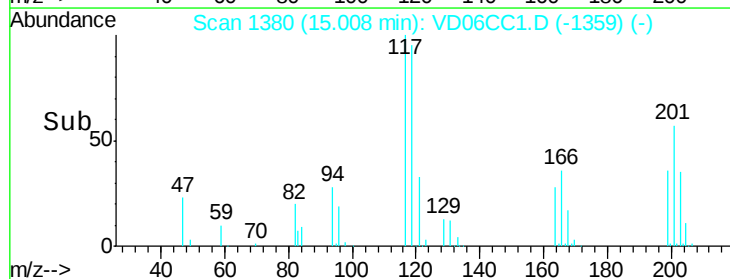
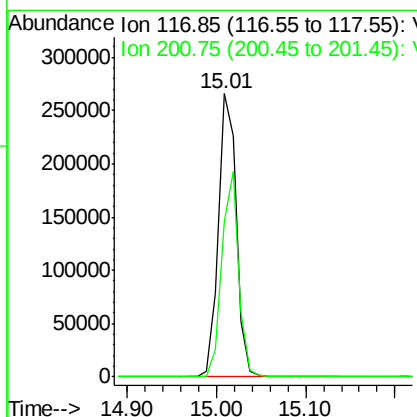
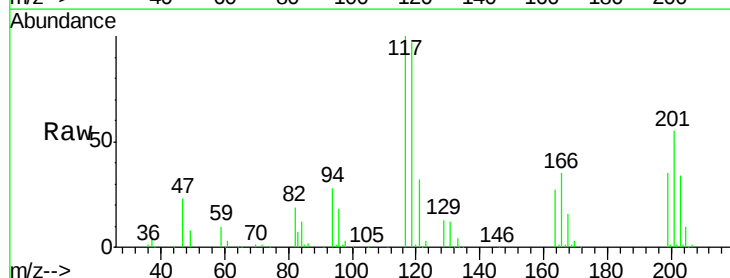
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 1147421
Ion Ratio Lower Upper
91 100
92 61.4 30.3 91.0
134 25.1 12.4 37.0



#90
Hexachloroethane
Concen: 58.357 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: VD06CC1.D
Acq: 3 Apr 2019 1:20

Tgt Ion: 117 Resp: 376175
Ion Ratio Lower Upper
117 100
201 55.1 39.6 119.0

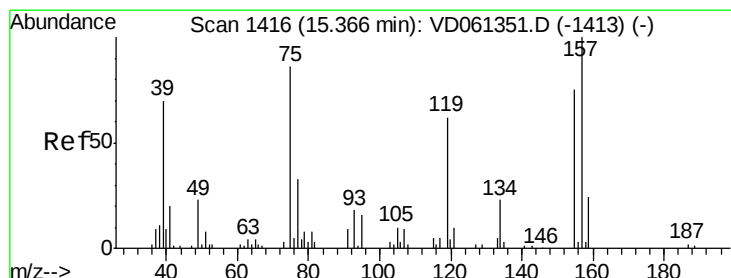
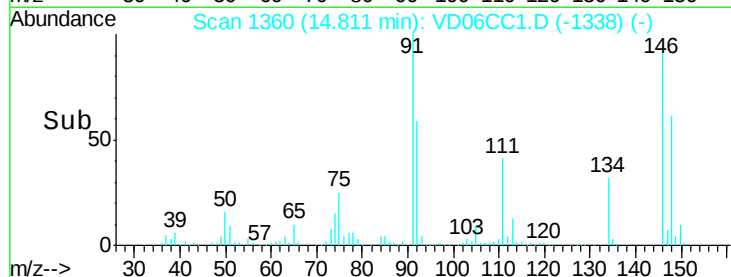
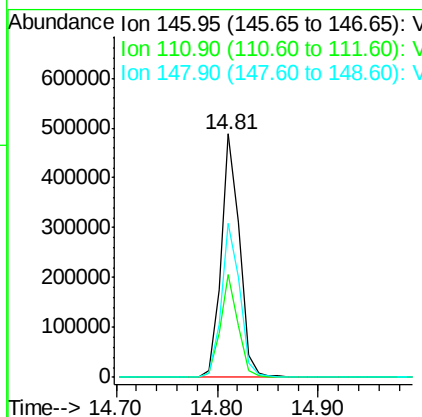
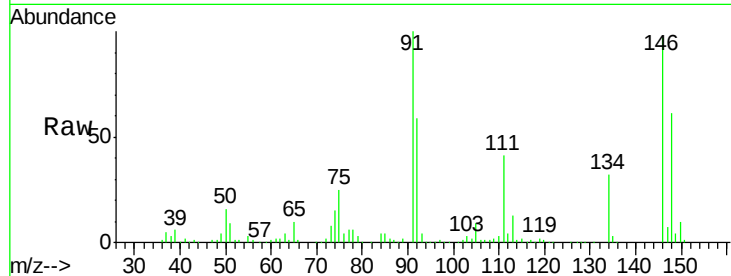




#91
 1,2-Dichlorobenzene
 Concen: 57.322 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

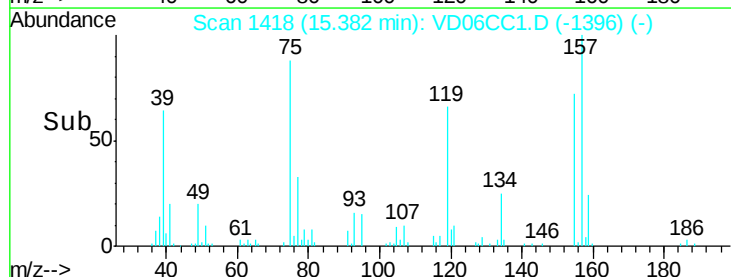
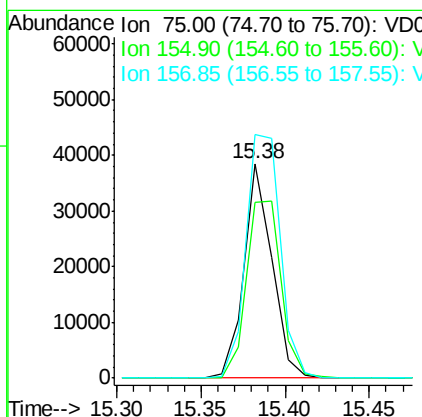
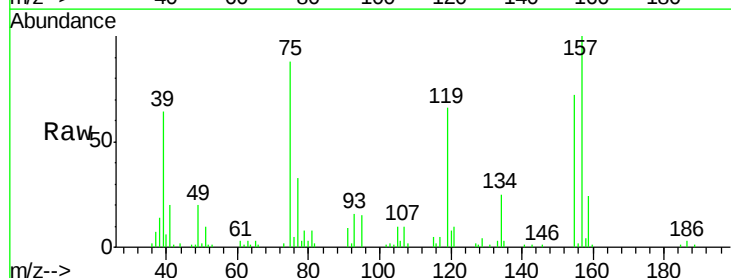
Instrument :
 MSVOA_D
 ClientSampleId :

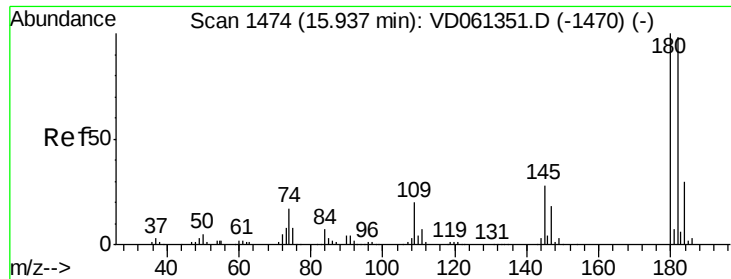
Tot Ion:146 Resp: 618309
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.2 63.6
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 68.440 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion: 75 Resp: 44356
 Ion Ratio Lower Upper
 75 100
 155 81.8 43.6 130.9
 157 113.5 58.5 175.3

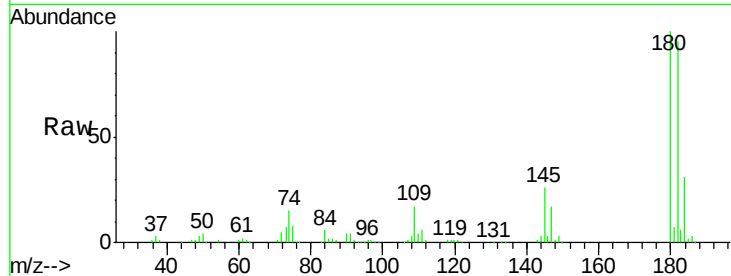




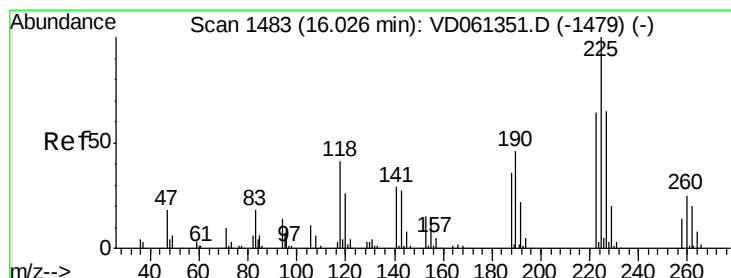
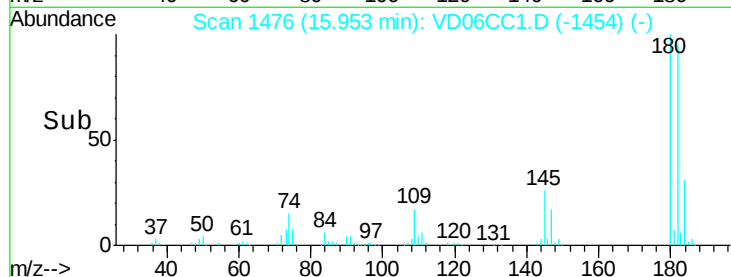
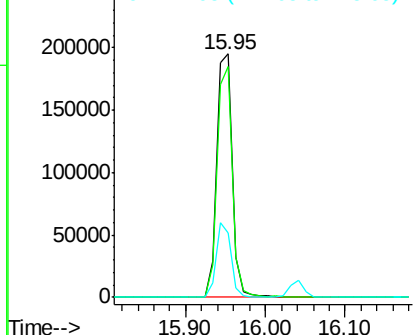
#93
 1,2,4-Trichlorobenzene
 Concen: 55.288 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:180 Resp: 271669
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.9 146.8
 145 26.4 14.1 42.3

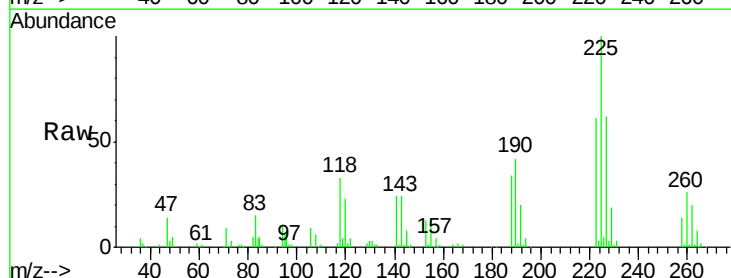


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

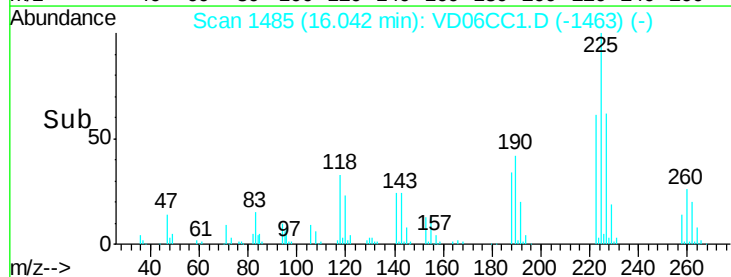
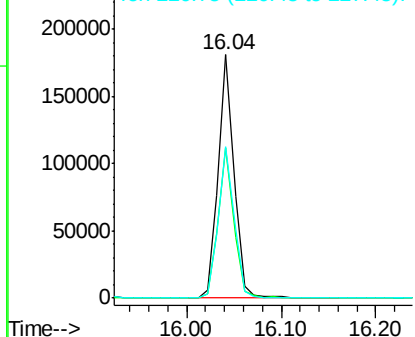


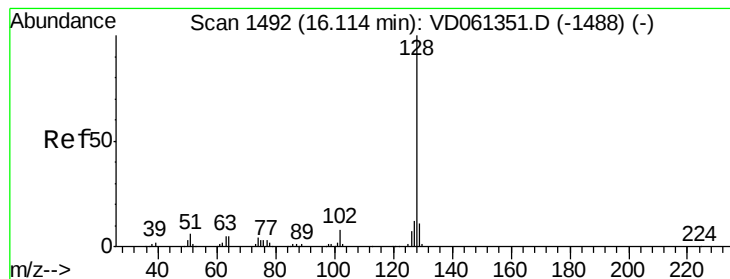
#94
 Hexachlorobutadiene
 Concen: 54.714 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.02 min
 Lab File: VD06CC1.D
 Acq: 3 Apr 2019 1:20

Tgt Ion:225 Resp: 210085
 Ion Ratio Lower Upper
 225 100
 223 61.5 32.0 96.0
 227 62.4 32.4 97.2



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 60.205 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.02 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

Instrument :

MSVOA_D

ClientSampleId :

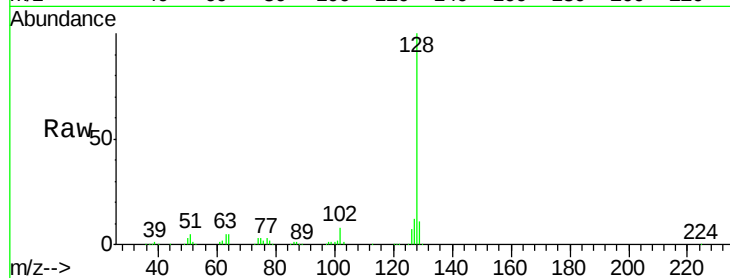
Tot Ion:128 Resp: 450925

Ion Ratio Lower Upper

128 100

127 12.4 9.9 14.9

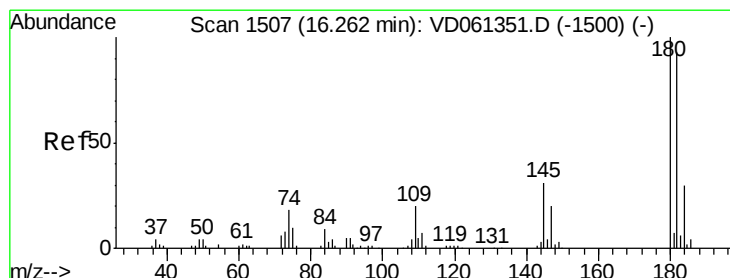
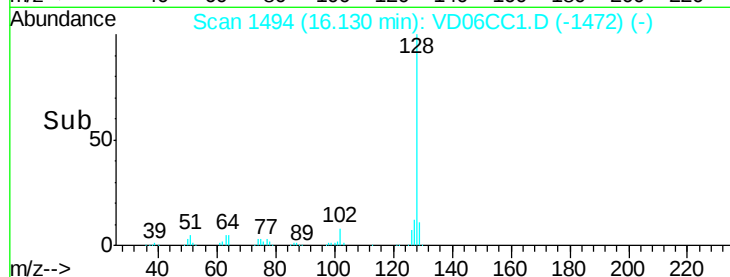
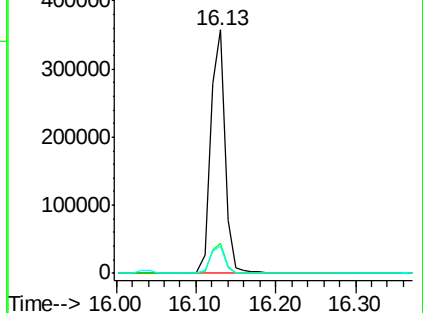
129 11.3 8.9 13.3



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: 60.034 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.02 min

Lab File: VD06CC1.D

Acq: 3 Apr 2019 1:20

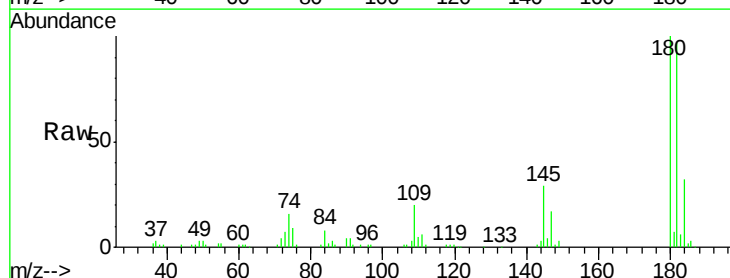
Tgt Ion:180 Resp: 129808

Ion Ratio Lower Upper

180 100

182 96.8 46.4 139.1

145 28.8 15.3 45.9



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

