

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061713.D
 Acq On : 10 Apr 2019 15:18
 Operator : VA/AP
 Sample : K2316-01RE
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 11 01:06:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	420157	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	719487	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	413969	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	127303	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	193898	60.88	ug/l	0.02
Spiked Amount			Recovery	=	121.76%	
35) Dibromofluoromethane	6.95	113	291572	58.50	ug/l	0.03
Spiked Amount			Recovery	=	117.00%	
50) Toluene-d8	10.43	98	555870	44.39	ug/l	0.02
Spiked Amount			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	13.62	95	8101	0.65	ug/l	0.06
Spiked Amount			Recovery	=	1.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.36	142	698	3.740	ug/l #	38
11) Tert butyl alcohol	4.07	59	1929	9.038	ug/l #	72
16) Acetone	3.23	43	101428	106.538	ug/l	96
17) Carbon Disulfide	3.41	76	33494	2.353	ug/l #	94
20) Methylene Chloride	3.84	84	39203	7.257	ug/l	96
25) 2-Butanone	6.10	43	34247	31.204	ug/l #	88
29) Tetrahydrofuran	6.09	42	1286	2.427	ug/l #	1
31) Cyclohexane	6.98	56	7417	1.237	ug/l	88
36) 1,1-Dichloropropene	7.07	75	31003	4.924	ug/l #	44
37) Ethyl Acetate	6.10	43	34247	13.353	ug/l #	68
38) Carbon Tetrachloride	7.07	117	39833	5.398	ug/l #	15
39) Methylcyclohexane	8.89	83	20954	3.241	ug/l	93
40) Benzene	7.49	78	28050	1.846	ug/l	98
55) 1,1,2-Trichloroethane	11.12	97	9467	2.959	ug/l #	19
59) 2-Hexanone	11.50	43	25646	15.012	ug/l #	31
68) m/p-Xylenes	12.67	106	8540	1.772	ug/l	85
69) o-Xylene	13.06	106	13492	2.900	ug/l	83
73) Isopropylbenzene	13.41	105	22479	2.650	ug/l	88
74) N-amyl acetate	13.22	43	39826	17.280	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	13.72	83	19791	11.284	ug/l #	58
76) 1,2,3-Trichloropropane	13.56	75	52491	30.307	ug/l #	46
79) 2-Chlorotoluene	13.85	91	8469	1.460	ug/l	86
80) 1,3,5-Trimethylbenzene	13.94	105	40347	5.993	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.56	75	61788	117.564	ug/l #	20
82) 4-Chlorotoluene	13.85	91	7958	1.252	ug/l	89
84) 1,2,4-Trimethylbenzene	14.25	105	66520	9.790	ug/l	99
85) sec-Butylbenzene	14.38	105	33671	3.839	ug/l	100
86) p-Isopropyltoluene	14.49	119	23012	3.025	ug/l	96
89) n-Butylbenzene	14.78	91	16200	2.450	ug/l #	1
90) Hexachloroethane	14.99	117	6617	3.205	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	15.39	75	647	3.057	ug/l #	1
95) Naphthalene	16.13	128	35441	12.589	ug/l	97
96) 1,2,3-Trichlorobenzene	16.26	180	1093	1.231	ug/l #	1

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QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

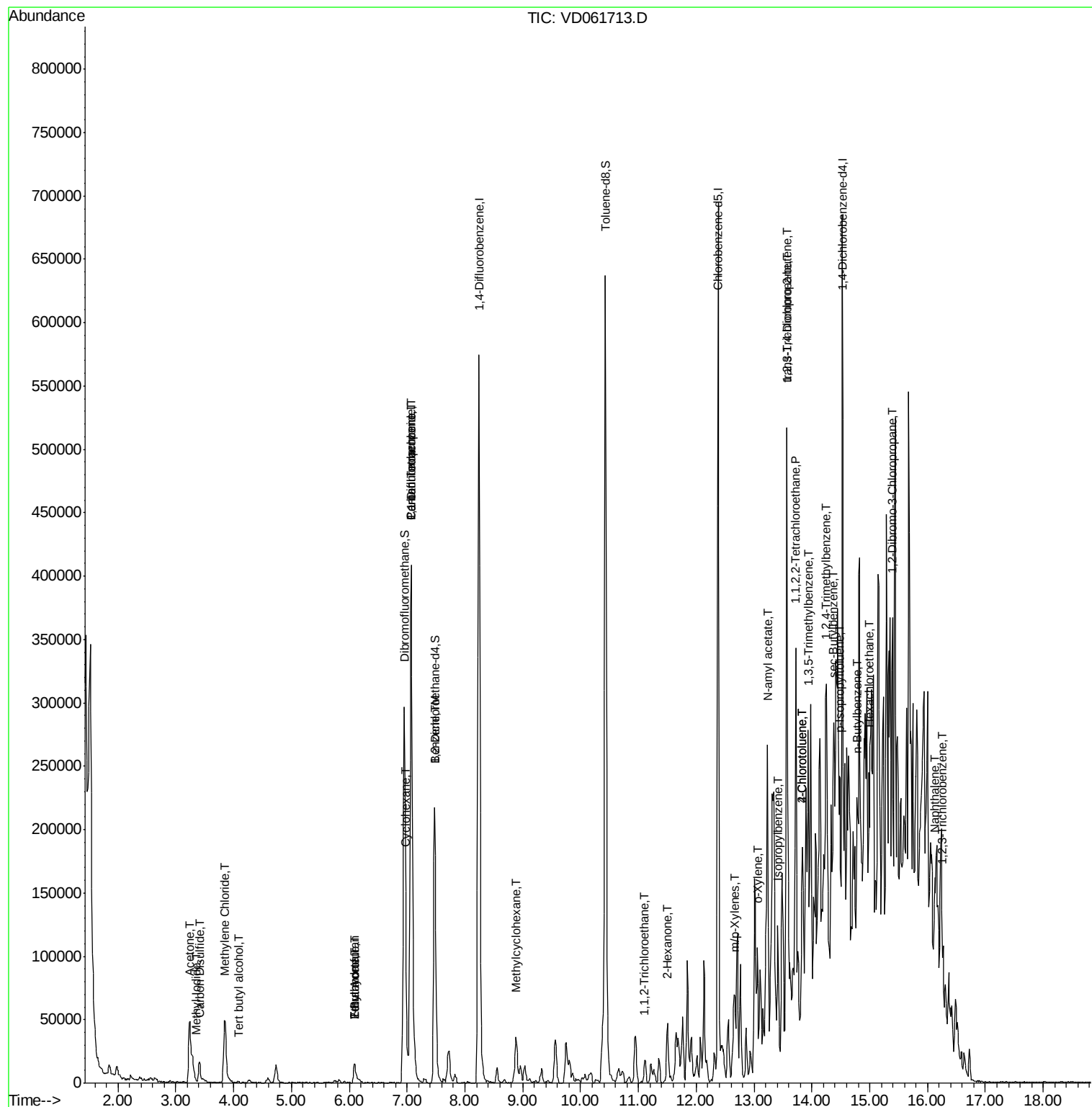
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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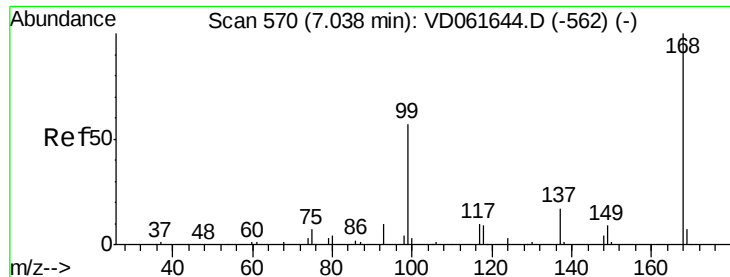
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041019\
Data File : VD061713.D
Acq On : 10 Apr 2019 15:18
Operator : VA/AP
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

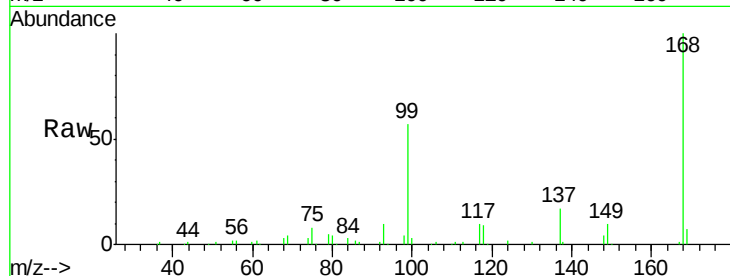
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 420157

Ion Ratio Lower Upper

168 100

99 56.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.07

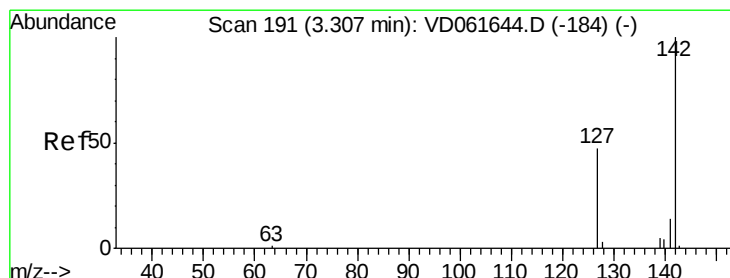
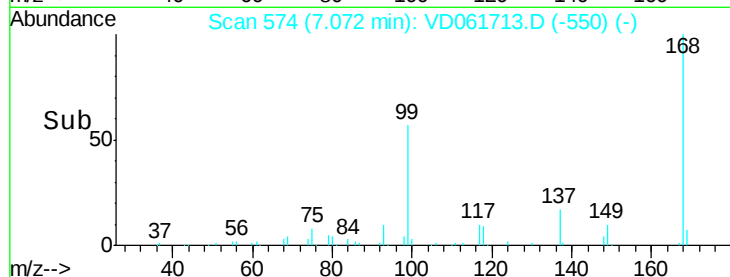
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.740 ug/l

RT: 3.36 min Scan# 197

Delta R.T. 0.05 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

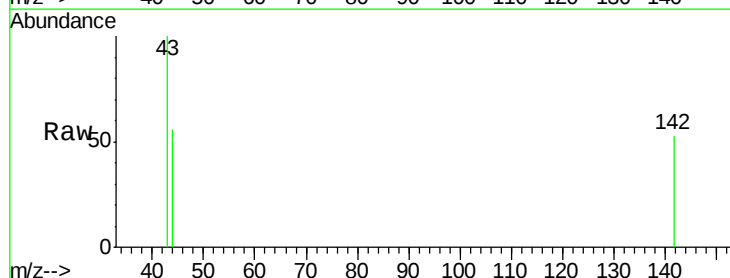
Tgt Ion:142 Resp: 698

Ion Ratio Lower Upper

142 100

127 0.0 37.2 55.8#

141 0.0 10.8 16.2#



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

3.36

500

400

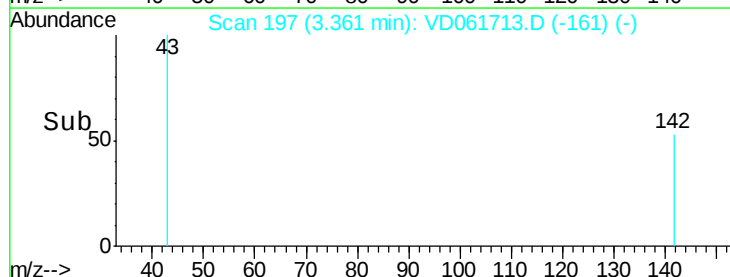
300

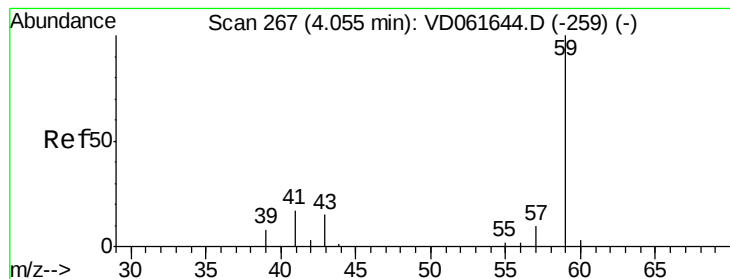
200

100

0

Time--> 3.30 3.35 3.40



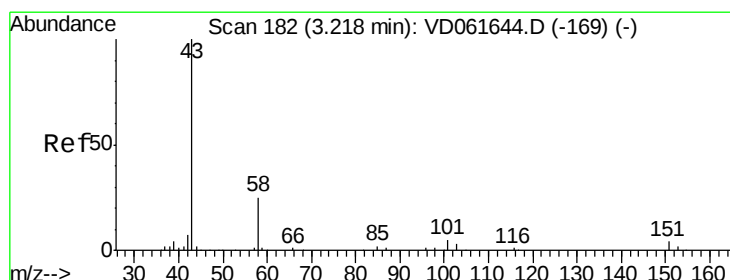
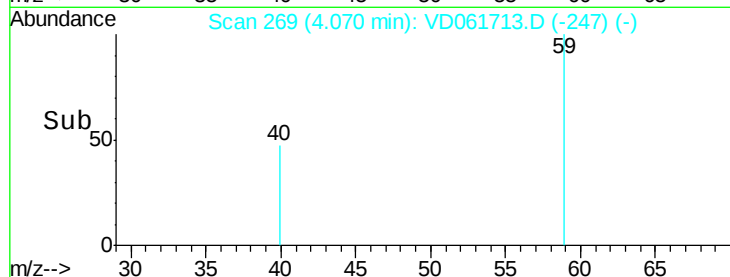
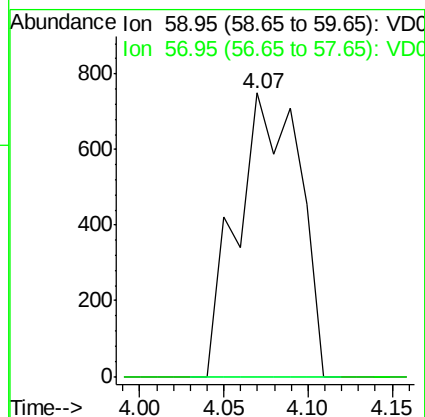
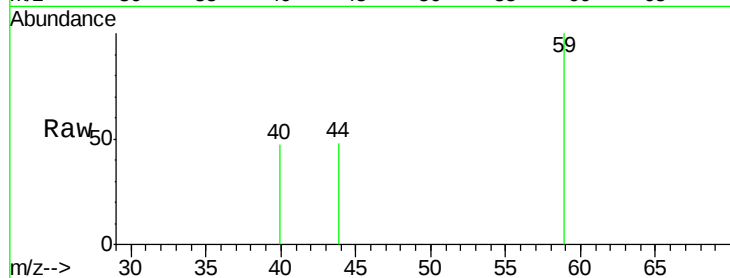


#11

Tert butyl alcohol
 Concen: 9.038 ug/l
 RT: 4.07 min Scan# 269
 Delta R.T. 0.01 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

Instrument :
 MSVOA_D
 ClientSampled :

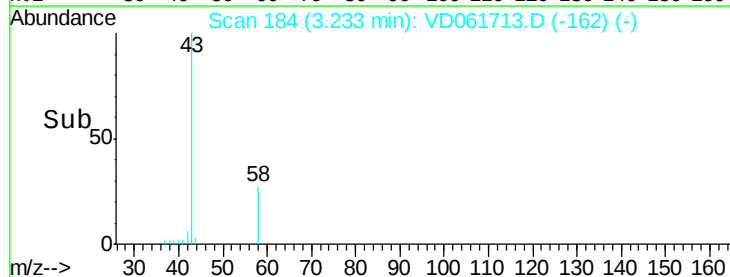
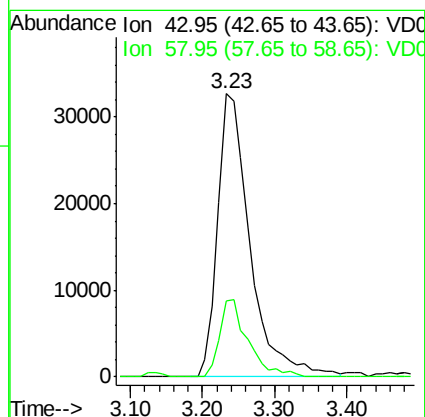
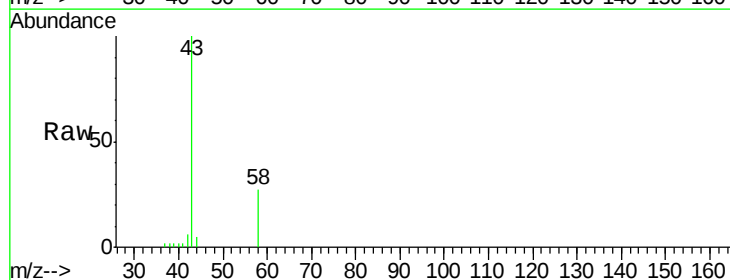
Tot Ion: 59 Resp: 1929
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

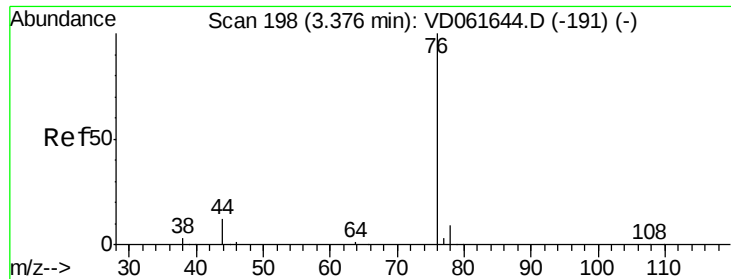


#16

Acetone
 Concen: 106.538 ug/l
 RT: 3.23 min Scan# 184
 Delta R.T. 0.01 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

Tgt Ion: 43 Resp: 101428
 Ion Ratio Lower Upper
 43 100
 58 26.6 19.7 29.5





#17

Carbon Disulfide

Concen: 2.353 ug/l

RT: 3.41 min Scan# 202

Delta R.T. 0.03 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

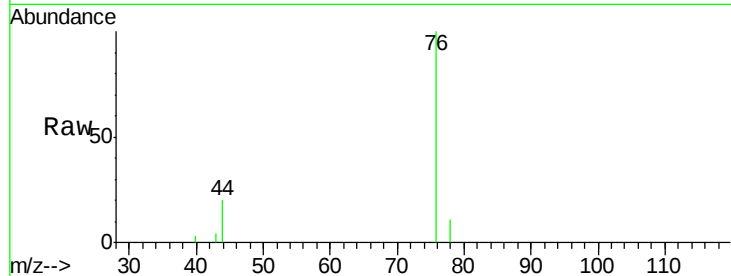
ClientSampleId :

Tot Ion: 76 Resp: 33494

Ion Ratio Lower Upper

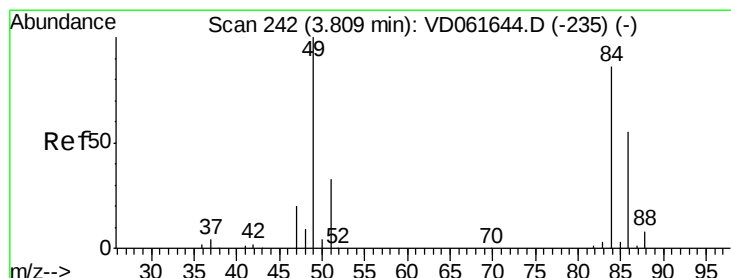
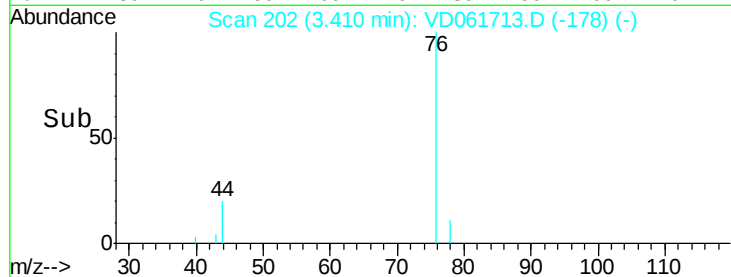
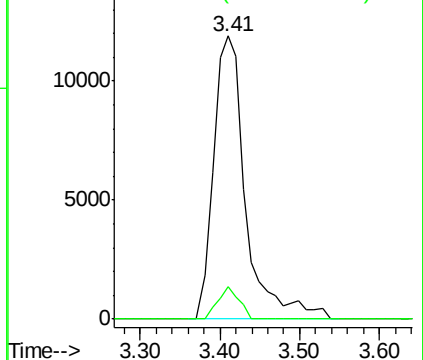
76 100

78 11.4 7.4 11.2#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 7.257 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.04 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Tgt Ion: 84 Resp: 39203

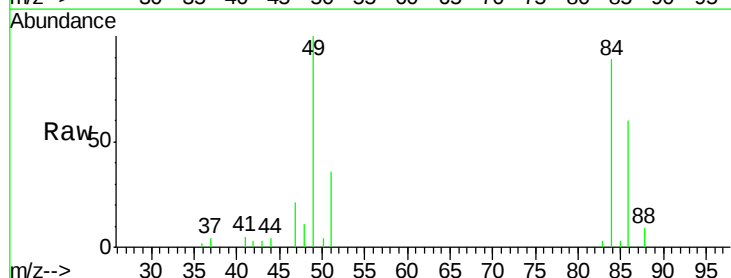
Ion Ratio Lower Upper

84 100

49 111.8 93.0 139.4

51 40.5 30.4 45.6

86 67.1 51.0 76.4

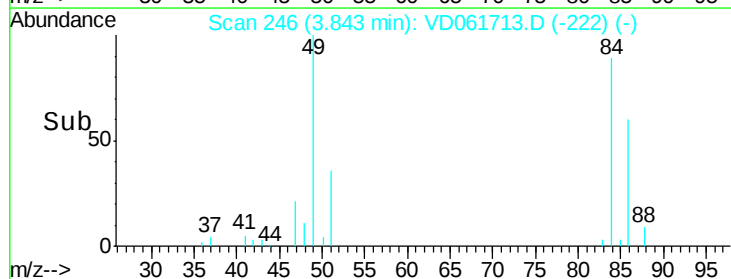
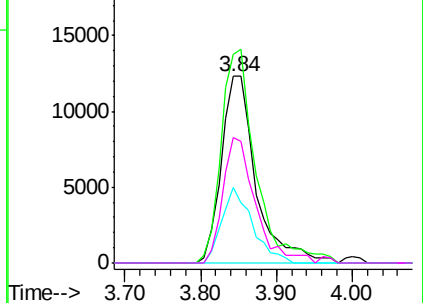


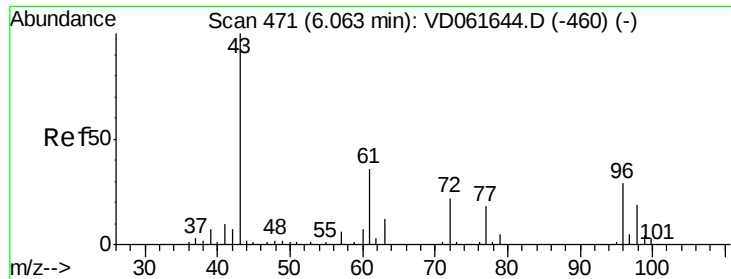
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 31.204 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.03 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

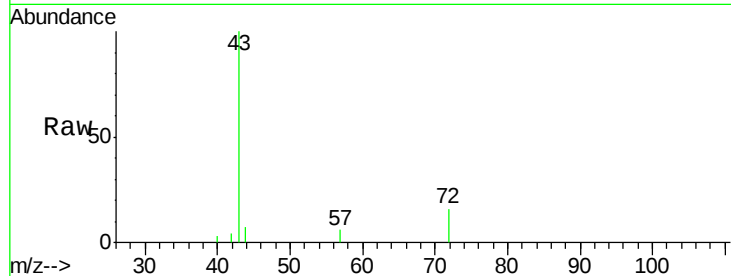
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 34247

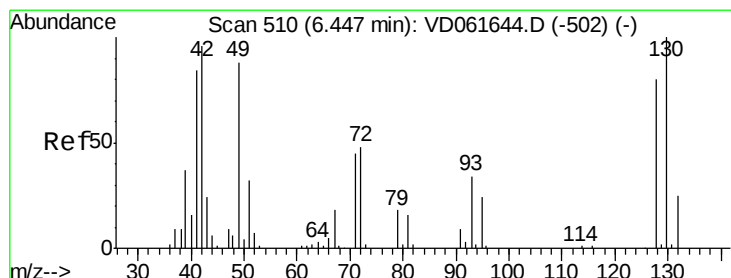
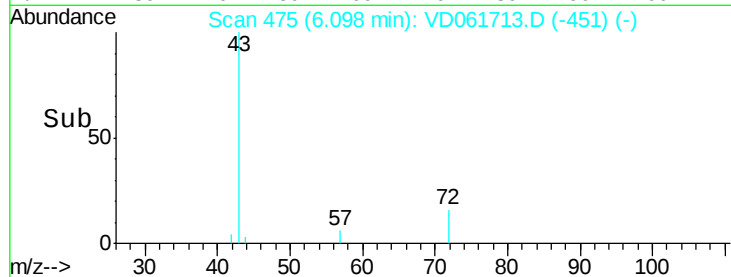
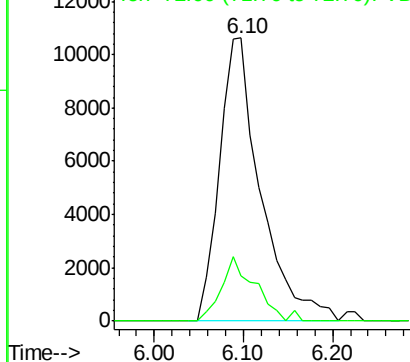
Ion Ratio Lower Upper

43 100

72 16.0 17.4 26.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 2.427 ug/l

RT: 6.09 min Scan# 474

Delta R.T. -0.36 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

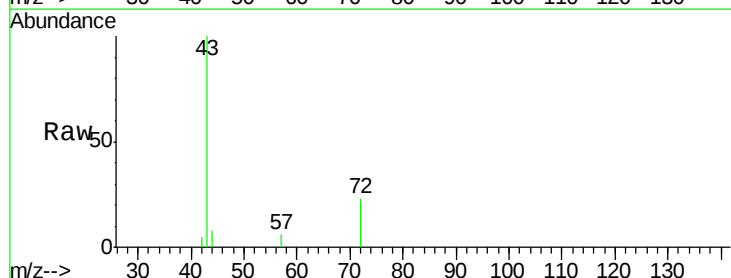
Tgt Ion: 42 Resp: 1286

Ion Ratio Lower Upper

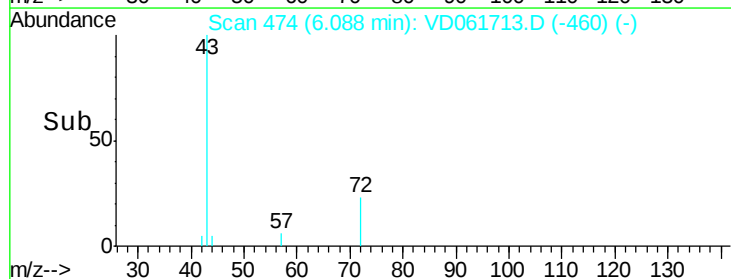
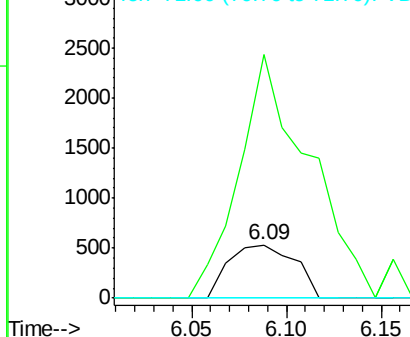
42 100

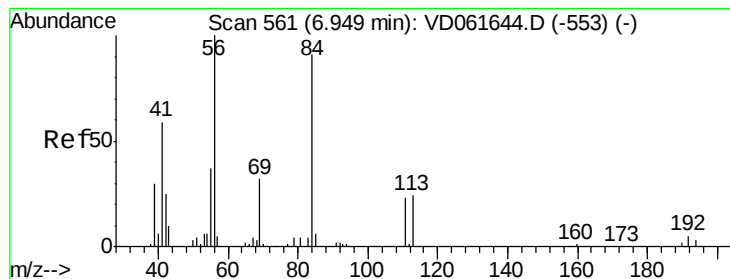
72 502.6 37.0 55.6#

71 0.0 36.5 54.7#



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





#31

Cyclohexane

Concen: 1.237 ug/l

RT: 6.98 min Scan# 565

Delta R.T. 0.03 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :

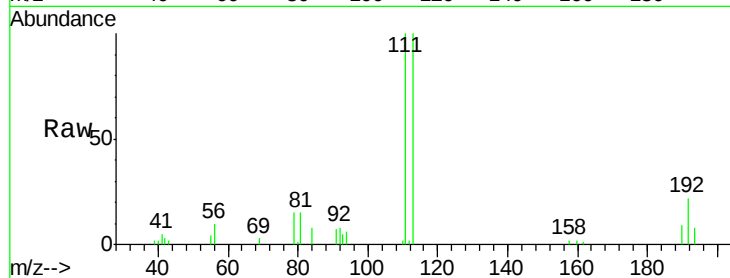
Tot Ion: 56 Resp: 7417

Ion Ratio Lower Upper

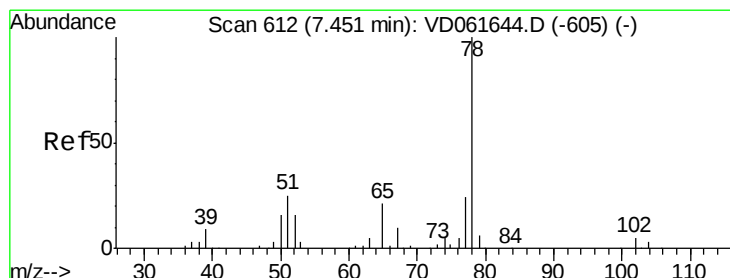
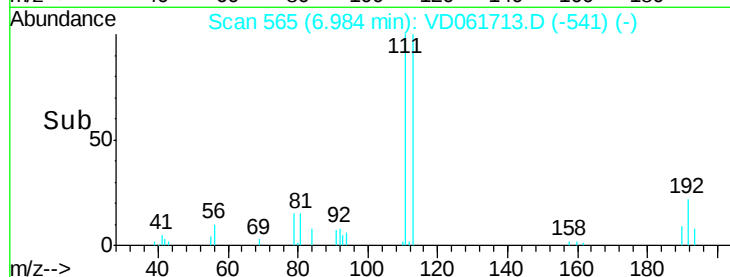
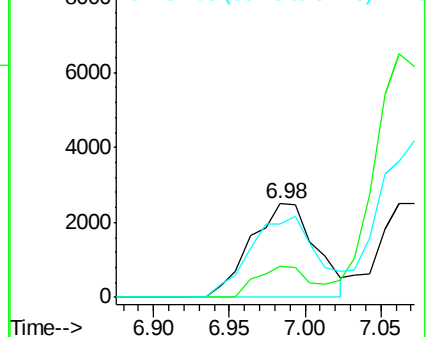
56 100

69 33.9 25.8 38.6

84 78.5 74.2 111.2



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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD061713.D

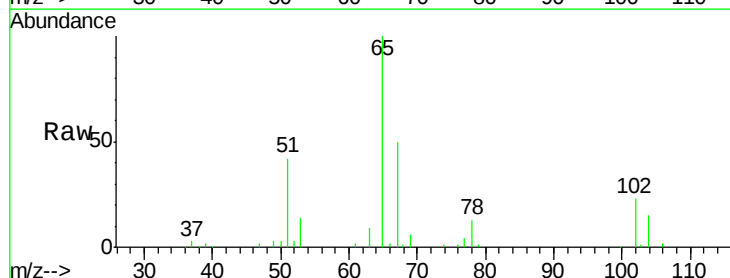
Acq: 10 Apr 2019 15:18

Tgt Ion: 65 Resp: 193898

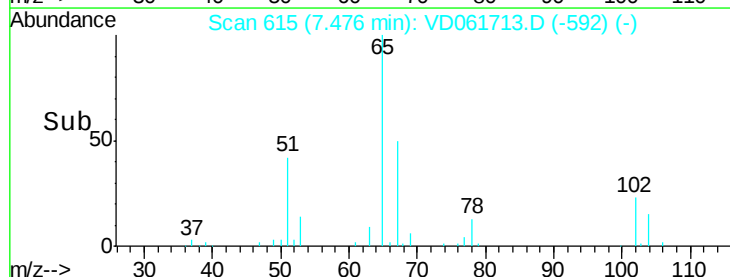
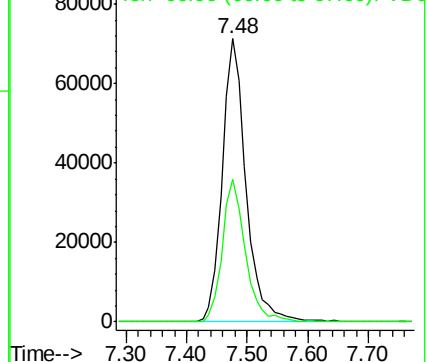
Ion Ratio Lower Upper

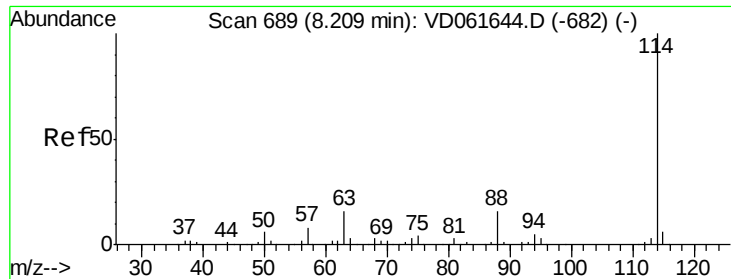
65 100

67 50.2 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

ClientSampleId :

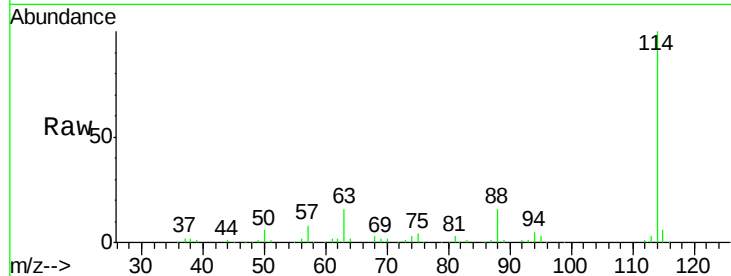
Tot Ion:114 Resp: 719487

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.2

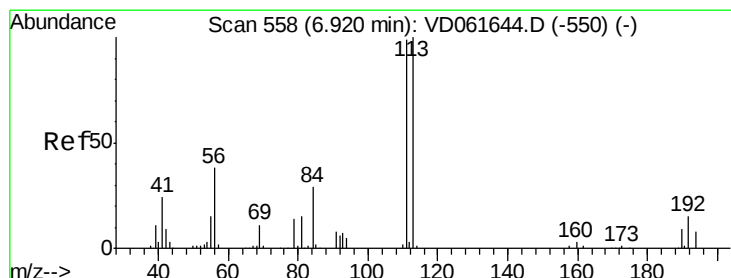
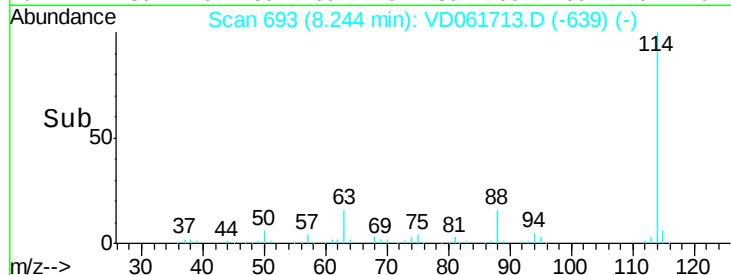
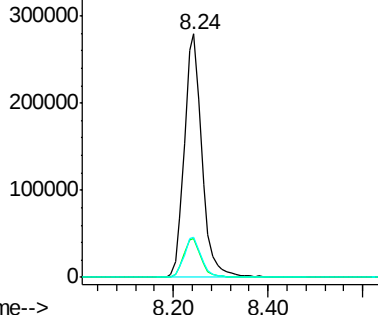
88 16.4 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

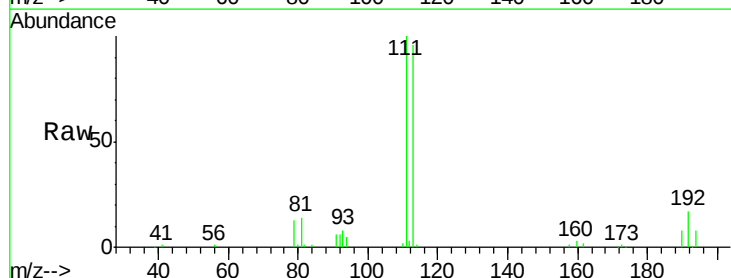
Tgt Ion:113 Resp: 291572

Ion Ratio Lower Upper

113 100

111 104.5 79.3 118.9

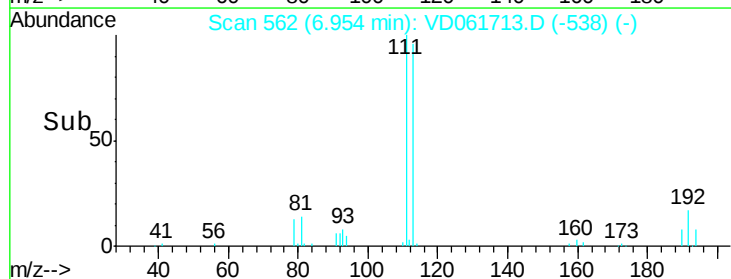
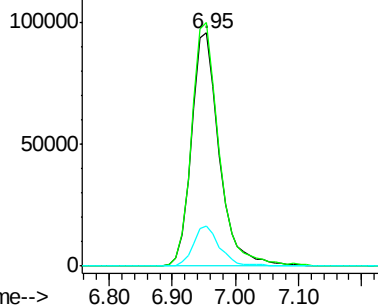
192 17.3 12.3 18.5

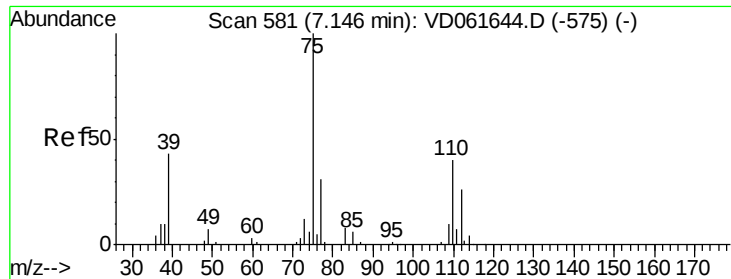


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

ClientSampleId :

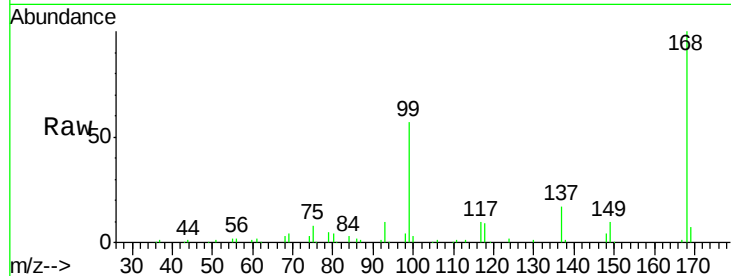
Tot Ion: 75 Resp: 31003

Ion Ratio Lower Upper

75 100

110 5.6 19.7 59.0#

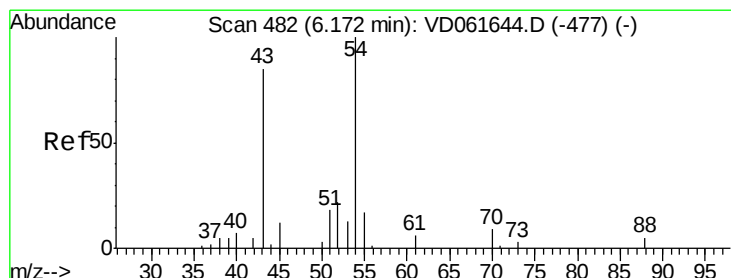
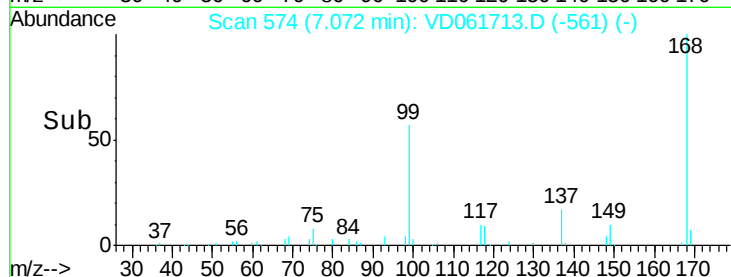
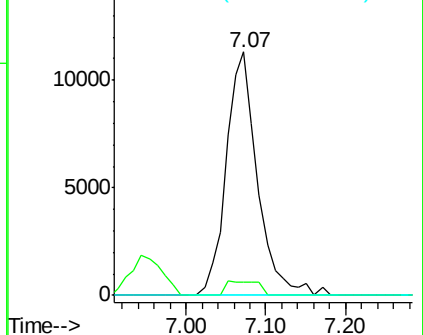
77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 13.353 ug/l

RT: 6.10 min Scan# 475

Delta R.T. -0.07 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

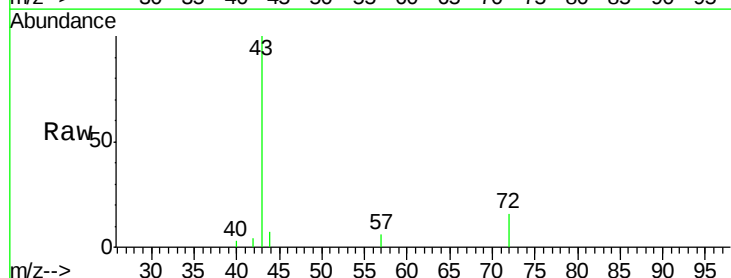
Tgt Ion: 43 Resp: 34247

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

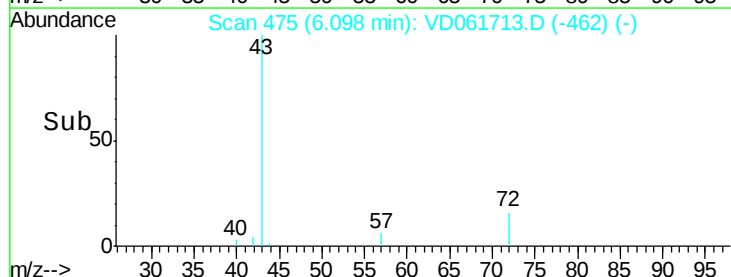
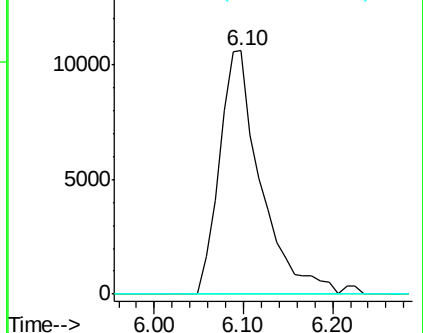
70 0.0 6.9 10.3#

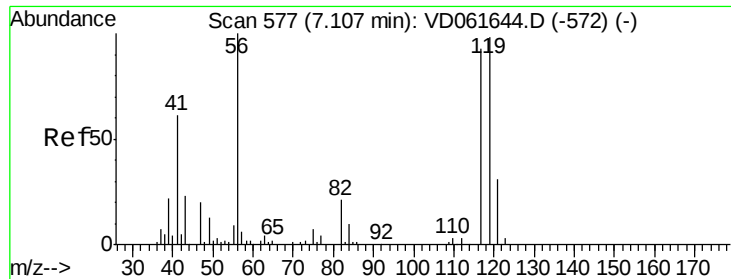


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

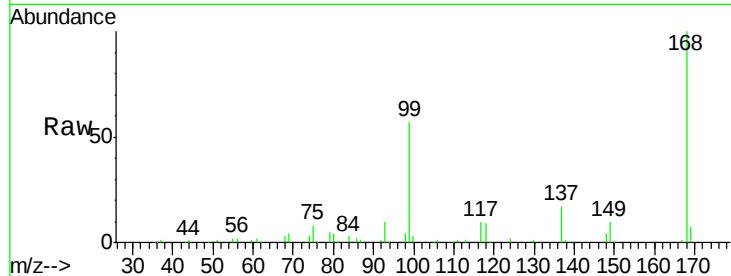




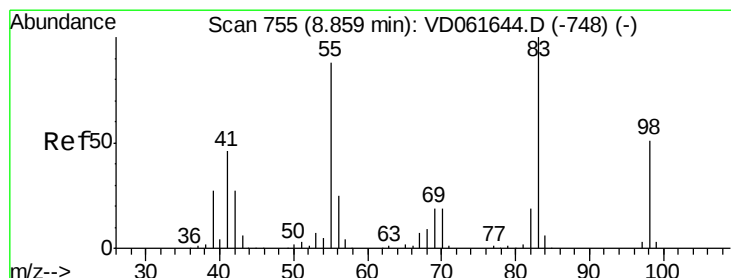
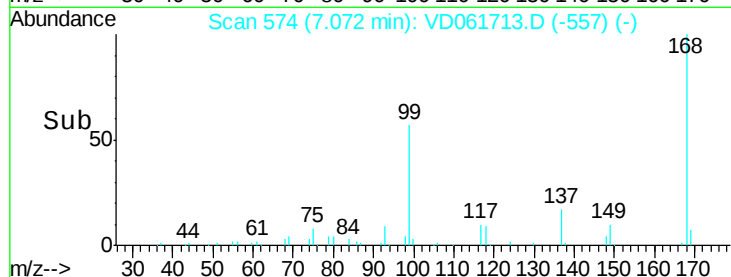
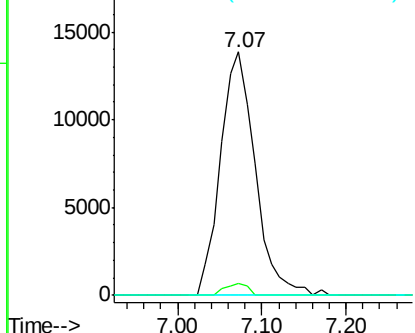
#38
Carbon Tetrachloride
Concen: 5.398 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.03 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 39833
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.7 37.1#

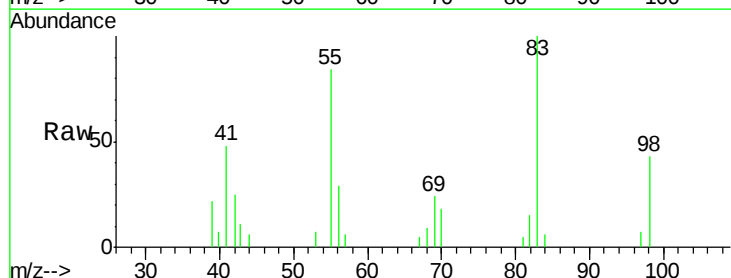


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

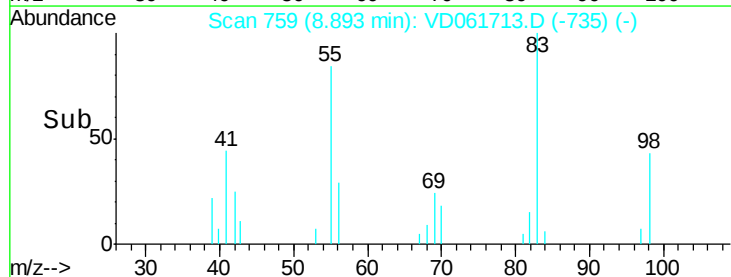
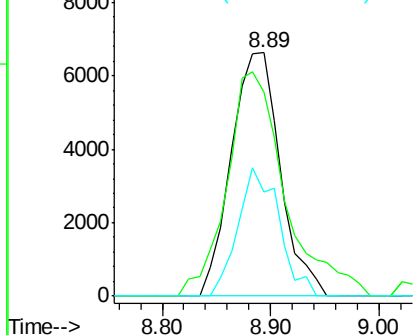


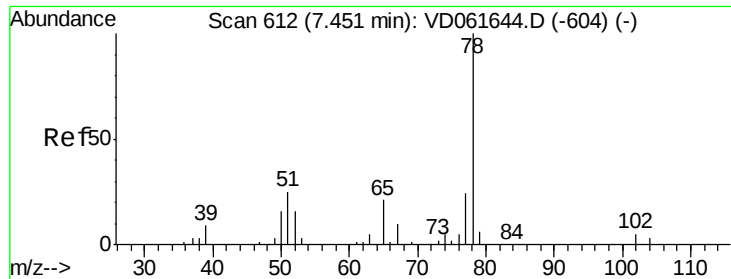
#39
Methylcyclohexane
Concen: 3.241 ug/l
RT: 8.89 min Scan# 759
Delta R.T. 0.03 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Tgt Ion: 83 Resp: 20954
Ion Ratio Lower Upper
83 100
55 83.5 70.3 105.5
98 42.9 41.0 61.6



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

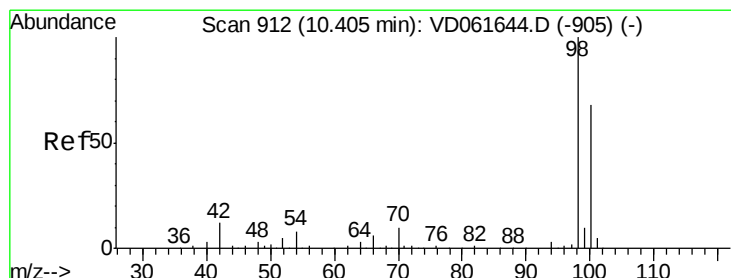
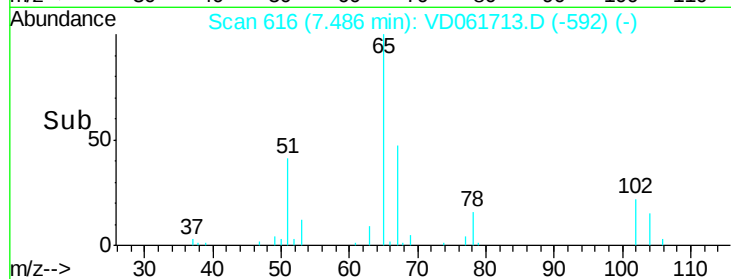
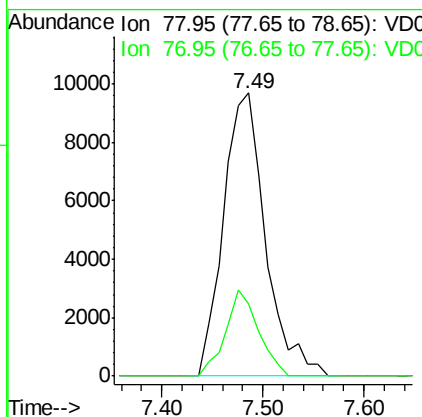
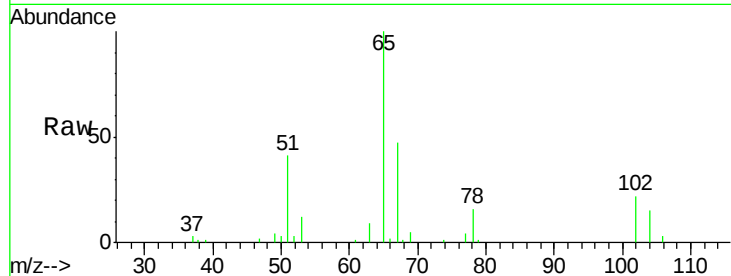




#40
Benzene
Concen: 1.846 ug/l
RT: 7.49 min Scan# 616
Delta R.T. 0.03 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

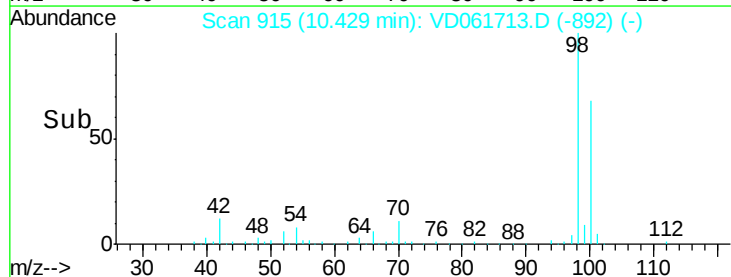
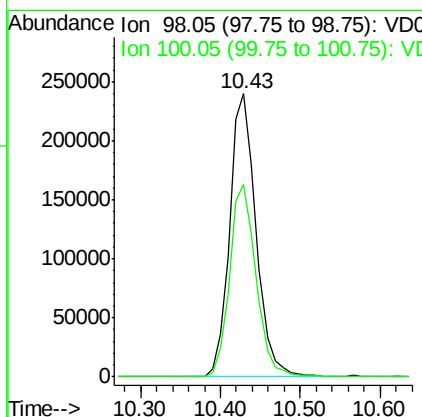
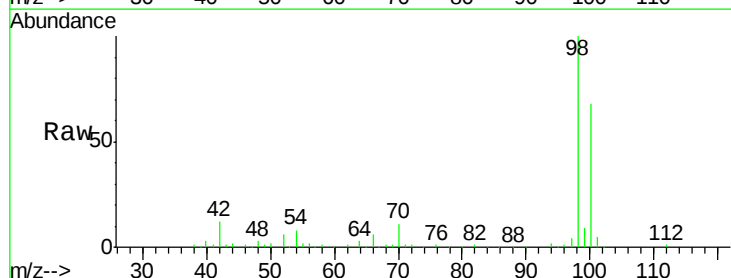
Instrument :
MSVOA_D
ClientSampled :

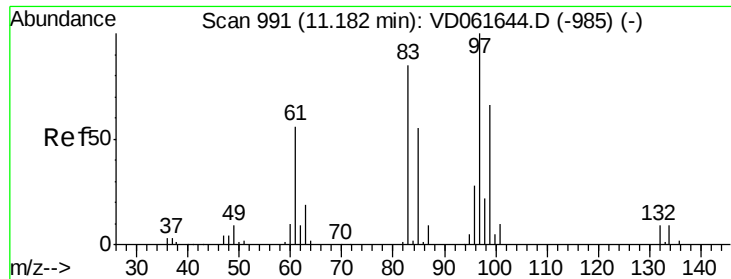
Tot Ion: 78 Resp: 28050
Ion Ratio Lower Upper
78 100
77 25.4 19.5 29.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.02 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Tgt Ion: 98 Resp: 555870
Ion Ratio Lower Upper
98 100
100 68.0 55.4 83.0

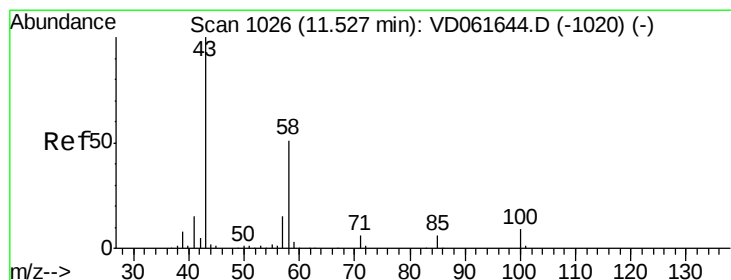
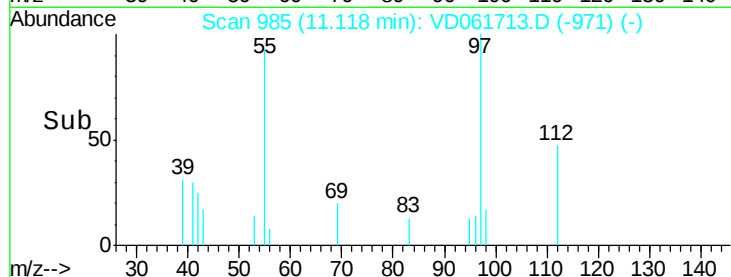
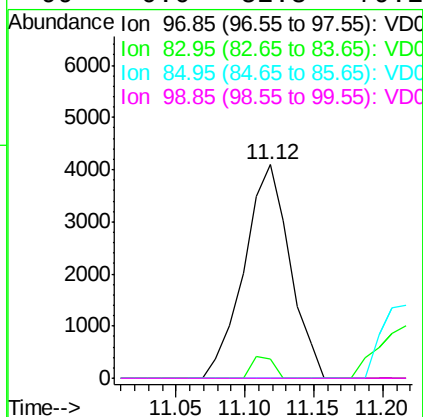
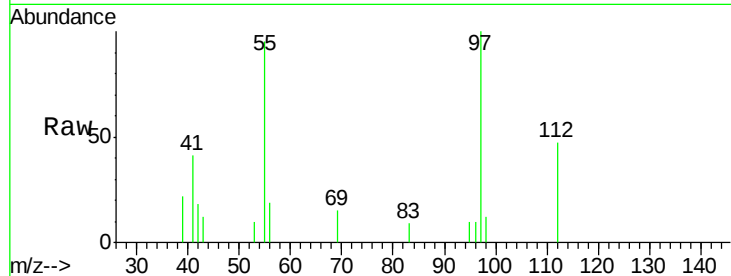




#55
1,1,2-Trichloroethane
Concen: 2.959 ug/l
RT: 11.12 min Scan# 985
Delta R.T. -0.06 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

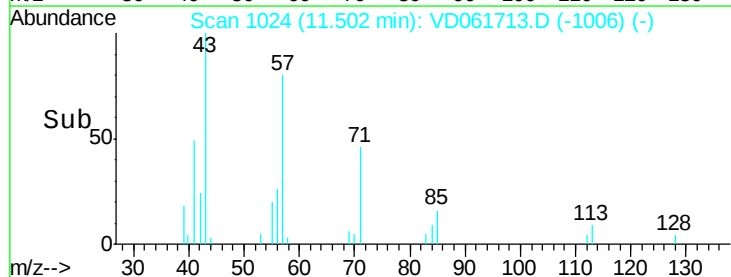
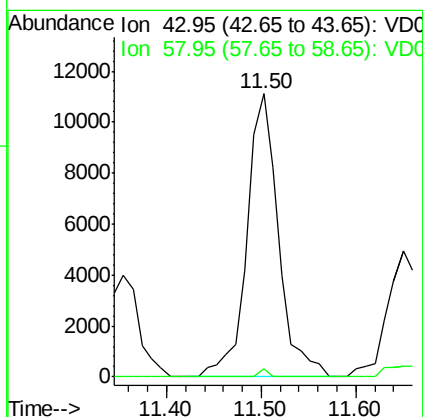
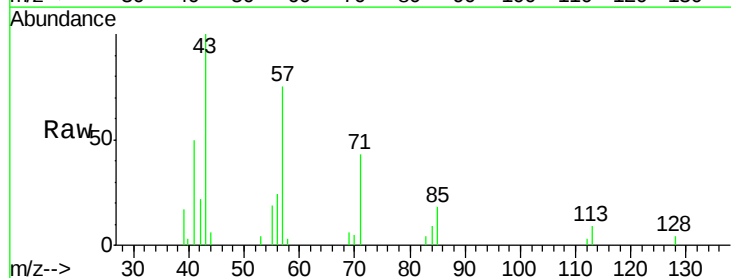
Instrument :
MSVOA_D
ClientSampleId :

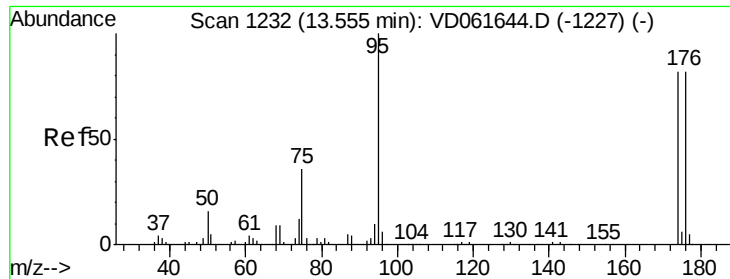
Tot Ion: 97 Resp: 9467
Ion Ratio Lower Upper
97 100
83 9.1 67.8 101.6#
85 0.0 43.8 65.8#
99 0.0 52.8 79.2#



#59
2-Hexanone
Concen: 15.012 ug/l
RT: 11.50 min Scan# 1024
Delta R.T. -0.02 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Tgt Ion: 43 Resp: 25646
Ion Ratio Lower Upper
43 100
58 3.0 25.6 76.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.62 min Scan# 1239

Delta R.T. 0.06 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

ClientSampled :

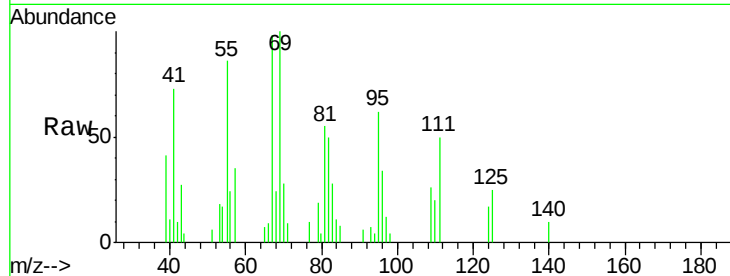
Tot Ion: 95 Resp: 8101

Ion Ratio Lower Upper

95 100

174 0.0 0.0 164.6

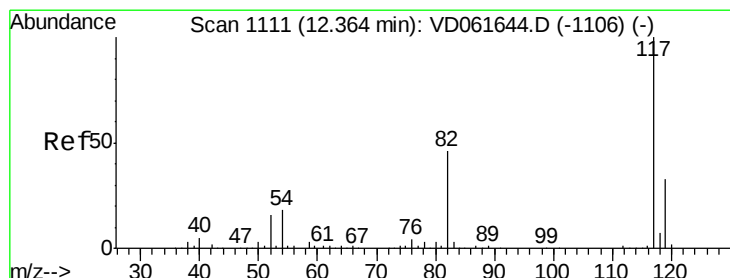
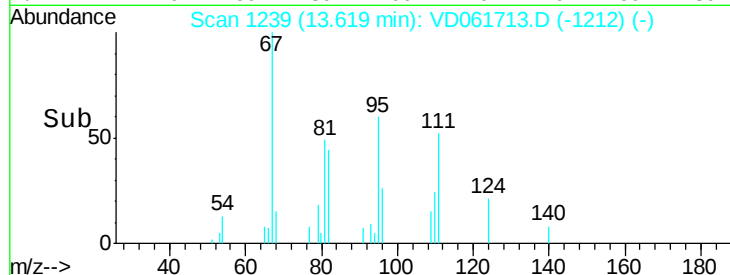
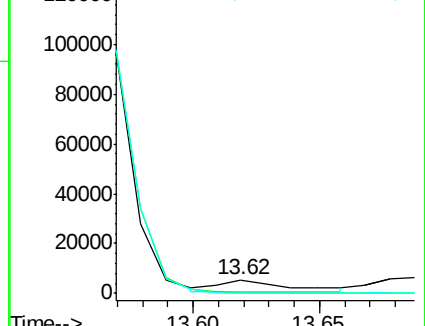
176 0.0 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

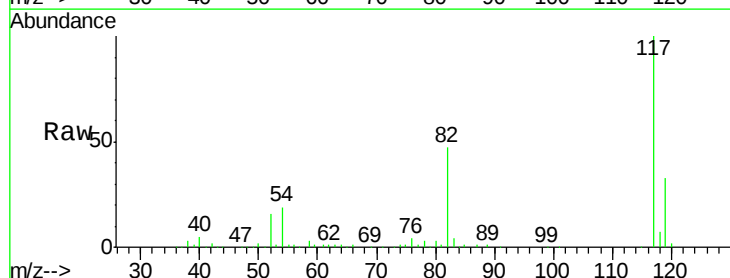
Tgt Ion: 117 Resp: 413969

Ion Ratio Lower Upper

117 100

82 46.8 36.8 55.2

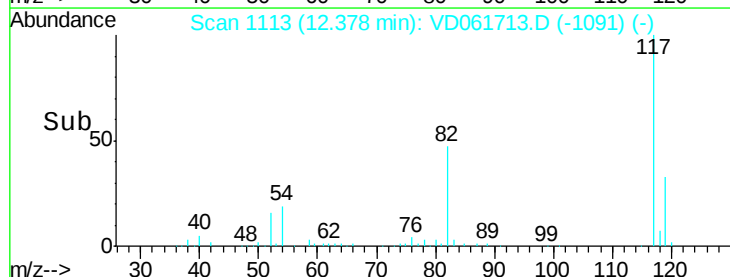
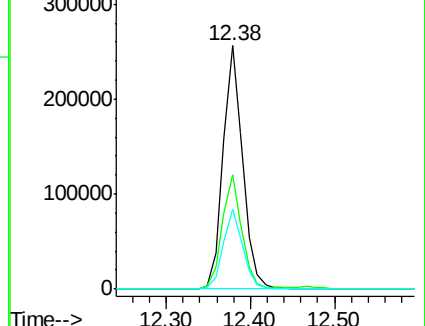
119 32.7 26.1 39.1

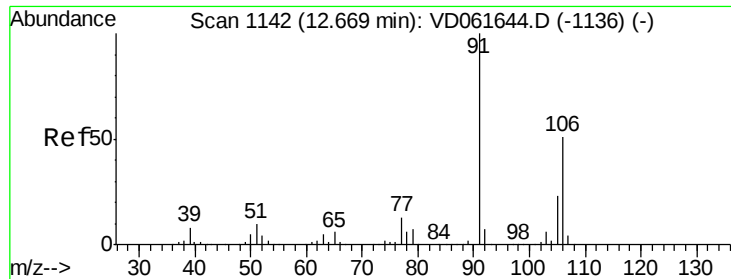


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

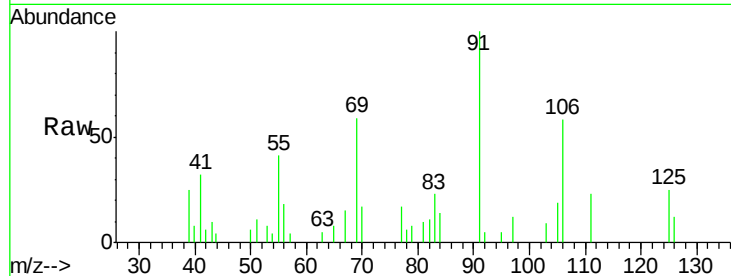




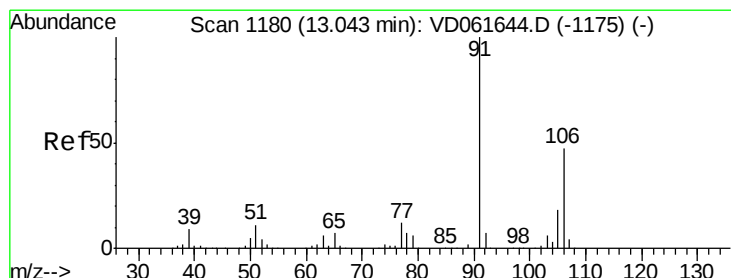
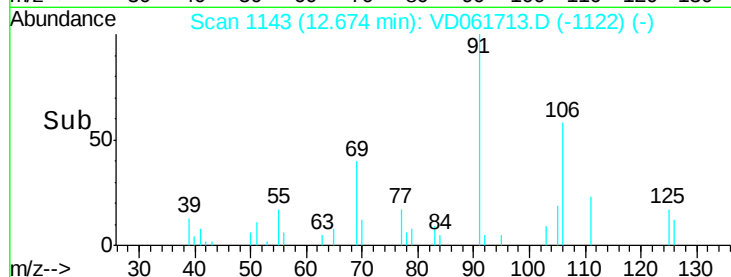
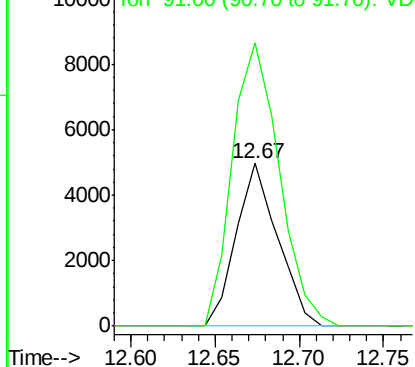
#68
m/p-Xylenes
Concen: 1.772 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 8540
Ion Ratio Lower Upper
106 100
91 173.7 156.7 235.1

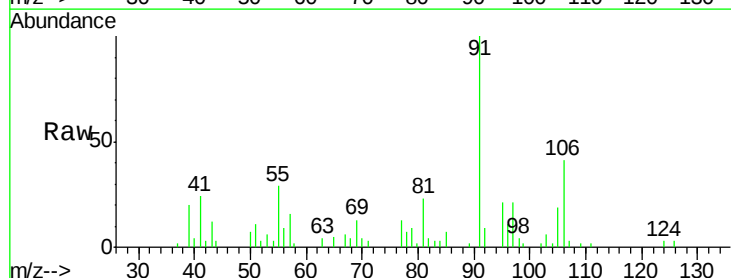


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

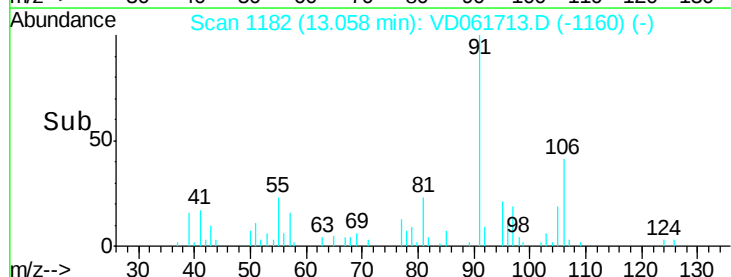
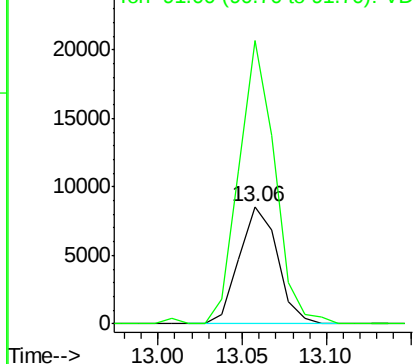


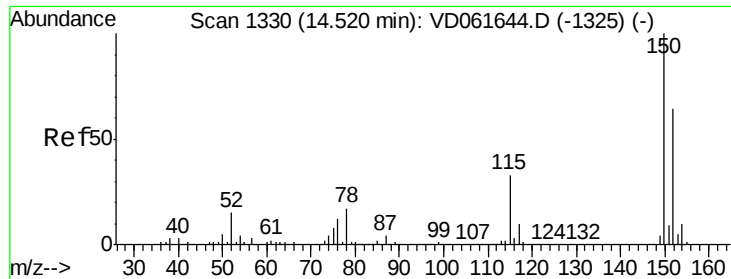
#69
o-Xylene
Concen: 2.900 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Tgt Ion:106 Resp: 13492
Ion Ratio Lower Upper
106 100
91 241.3 107.3 321.9



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



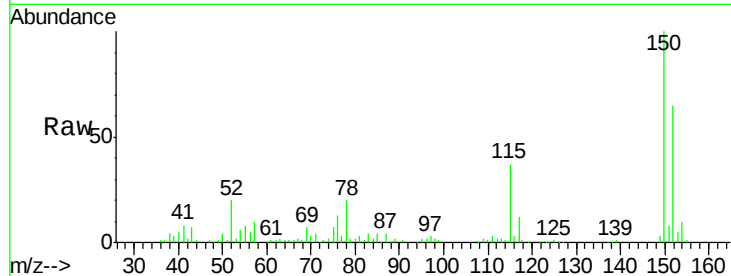


#72

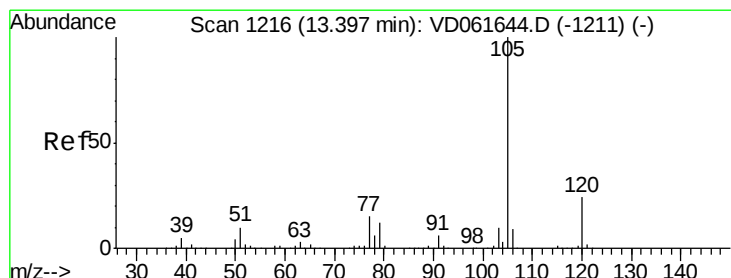
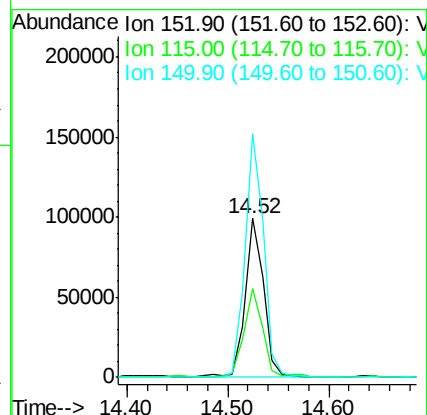
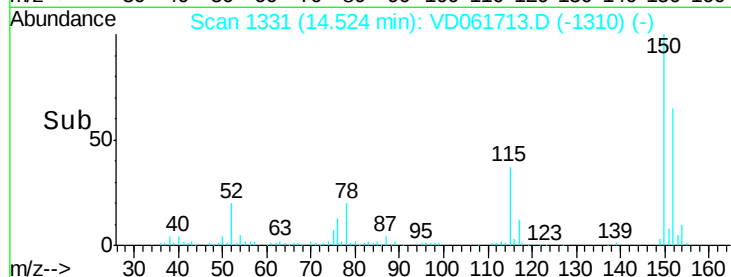
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:152 Resp: 127303
Ion Ratio Lower Upper
152 100
115 56.1 26.4 79.2
150 153.3 0.0 320.6



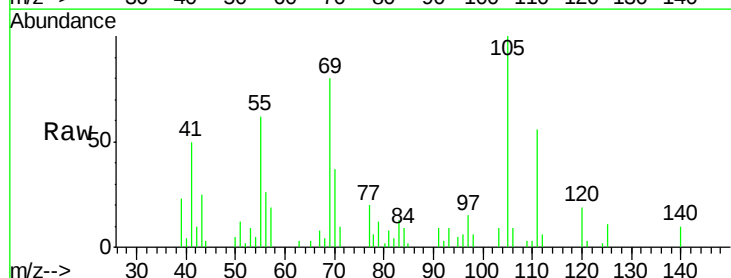
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



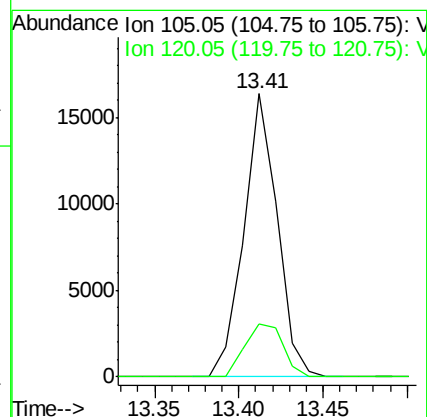
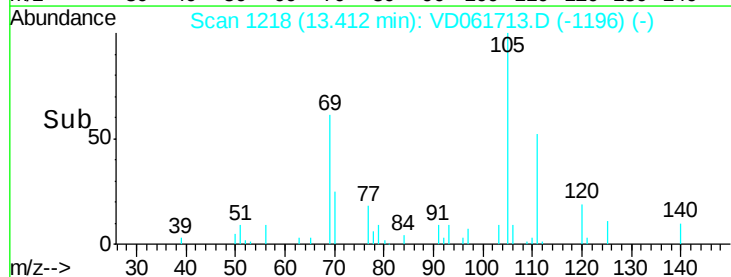
#73

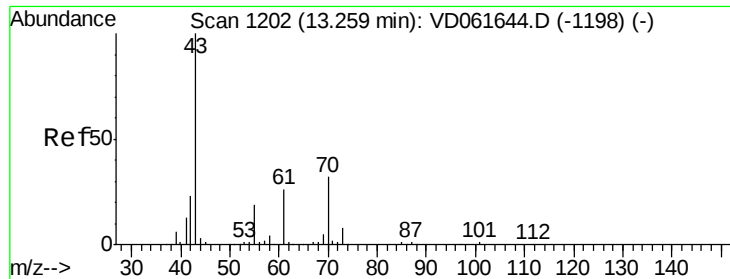
Isopropylbenzene
Concen: 2.650 ug/l
RT: 13.41 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VD061713.D
Acq: 10 Apr 2019 15:18

Tgt Ion:105 Resp: 22479
Ion Ratio Lower Upper
105 100
120 18.6 12.2 36.4



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





#74

N-amvl acetate

Concen: 17.280 ug/l

RT: 13.22 min Scan# 1199

Delta R.T. -0.03 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 39826

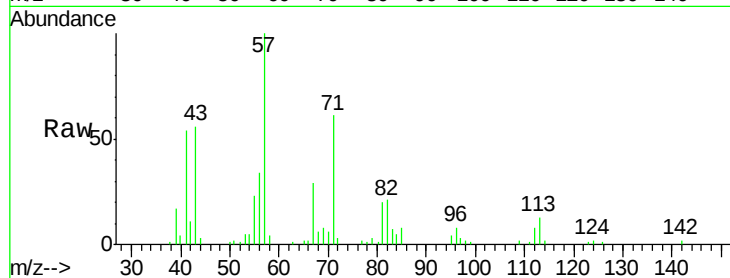
Ion Ratio Lower Upper

43 100

70 11.4 25.4 38.2#

55 40.6 15.0 22.4#

61 0.0 20.9 31.3#

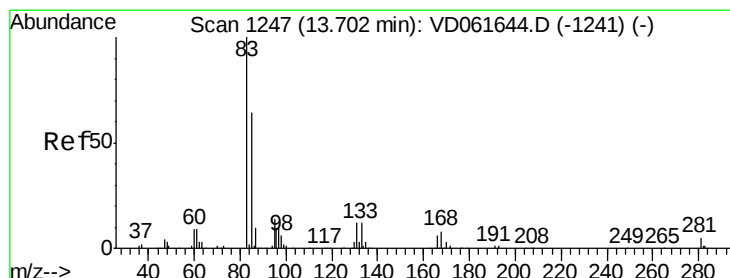
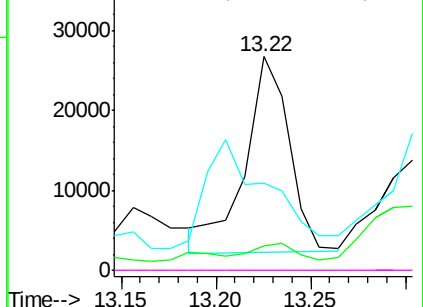
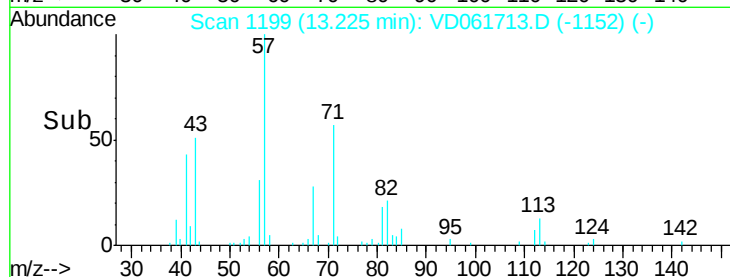


Abundance Ion 42.95 (42.65 to 43.65): VDC

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



#75

1,1,2,2-Tetrachloroethane

Concen: 11.284 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

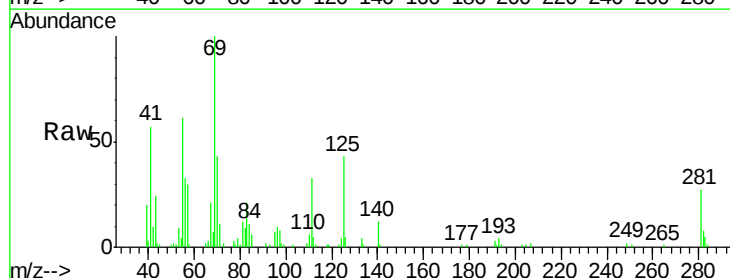
Tgt Ion: 83 Resp: 19791

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

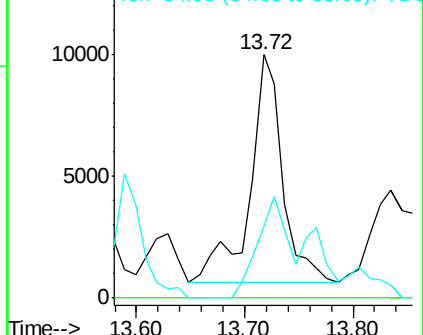
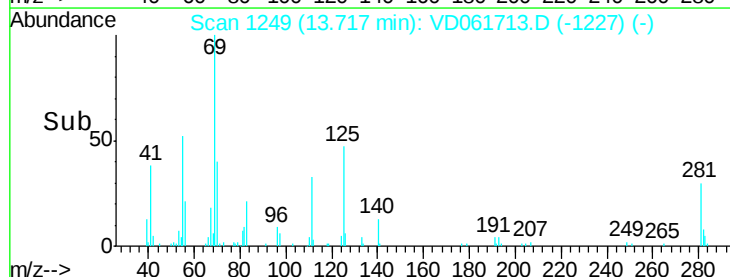
85 29.7 32.0 96.2#

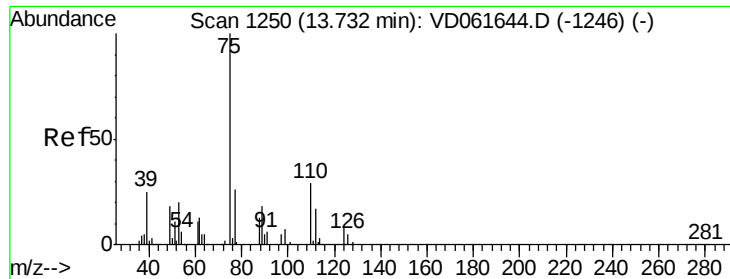


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC





#76

1,2,3-Trichloropropane

Concen: 30.307 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

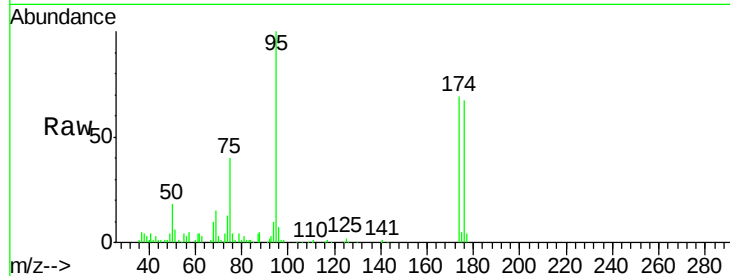
ClientSampleId :

Tot Ion: 75 Resp: 52491

Ion Ratio Lower Upper

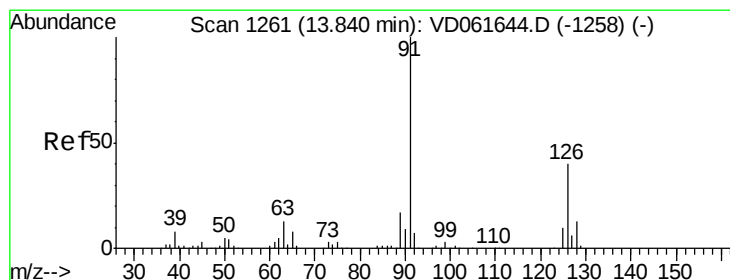
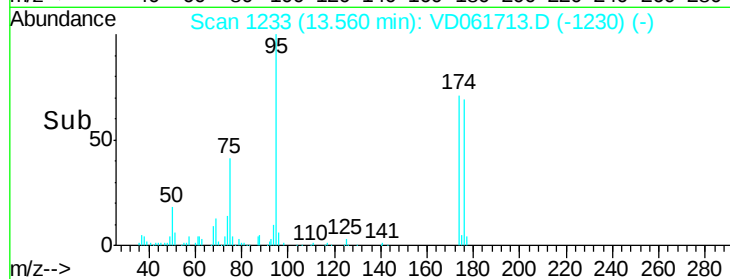
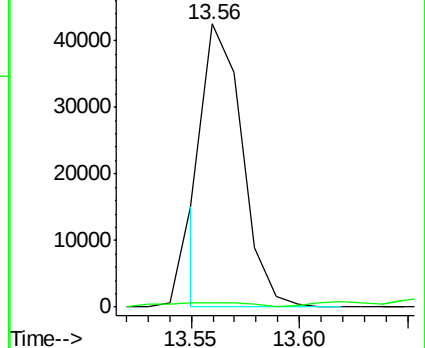
75 100

77 1.6 15.7 47.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#79

2-Chlorotoluene

Concen: 1.460 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VD061713.D

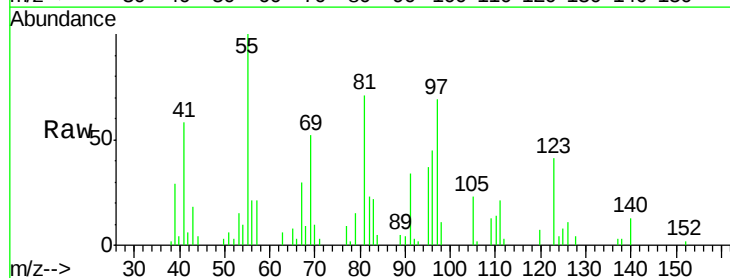
Acq: 10 Apr 2019 15:18

Tgt Ion: 91 Resp: 8469

Ion Ratio Lower Upper

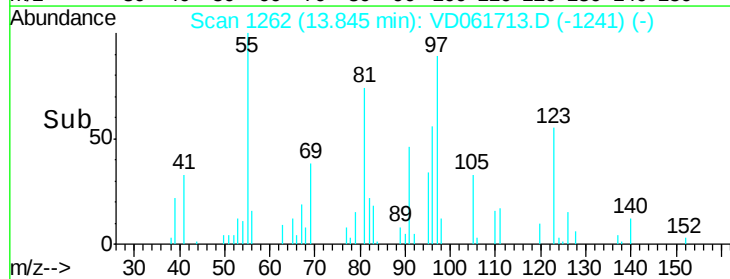
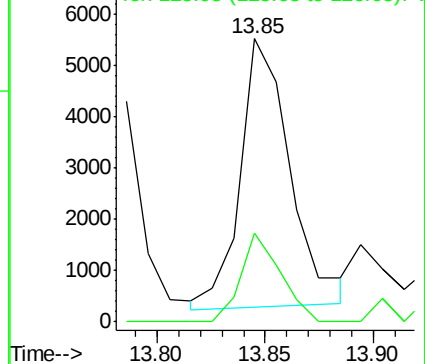
91 100

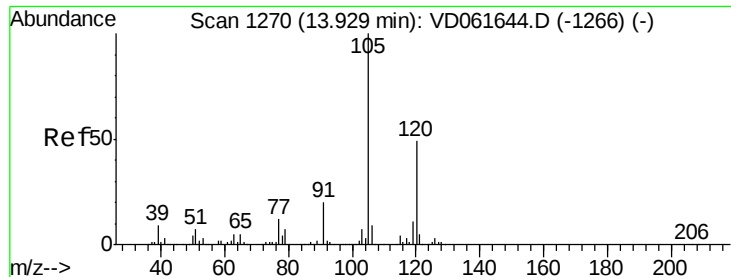
126 31.4 20.0 59.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC





#80

1,3,5-Trimethylbenzene

Concen: 5.993 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

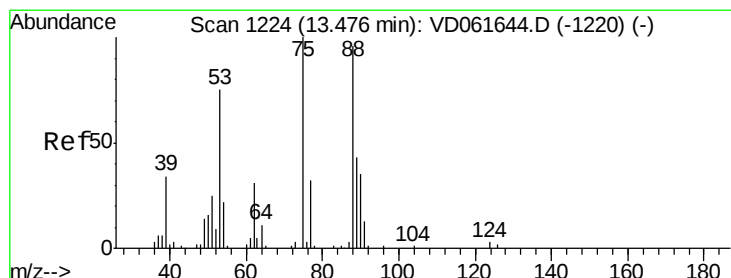
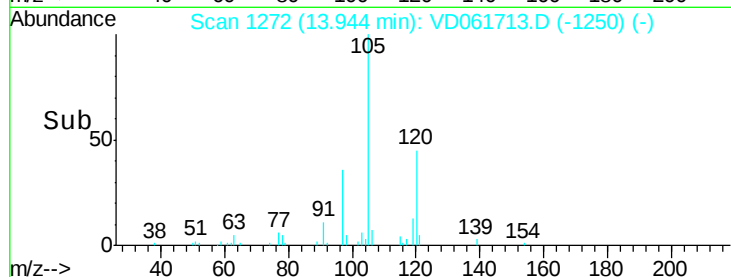
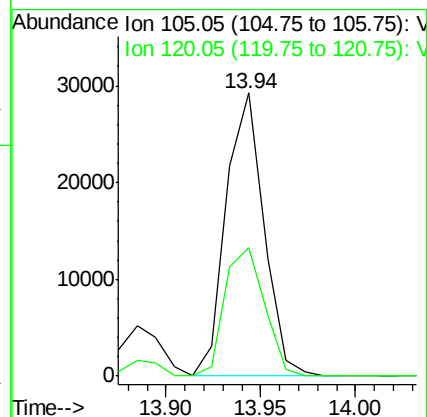
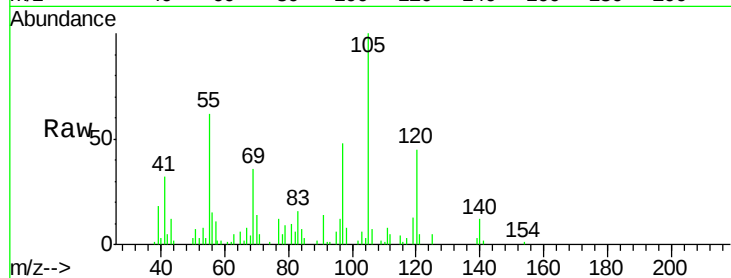
ClientSampleId :

Tot Ion:105 Resp: 40347

Ion Ratio Lower Upper

105 100

120 45.5 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 117.564 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

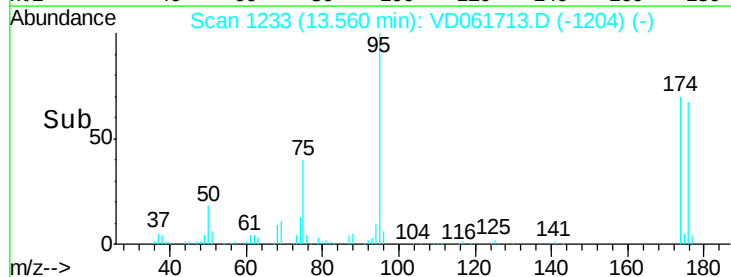
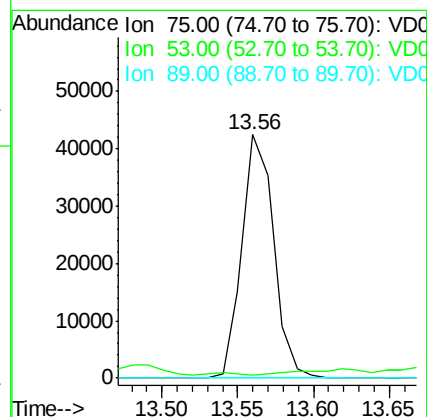
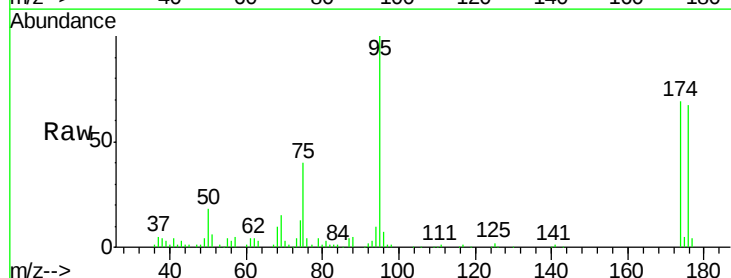
Tgt Ion: 75 Resp: 61788

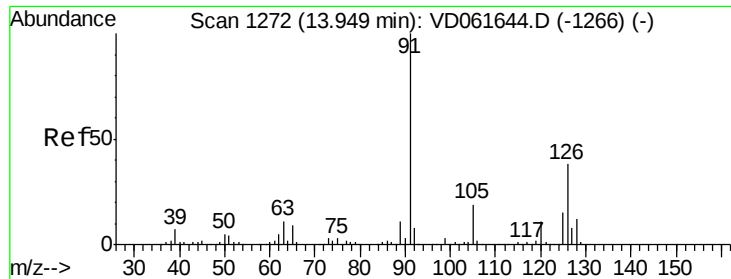
Ion Ratio Lower Upper

75 100

53 1.3 60.2 90.2#

89 0.0 34.2 51.2#

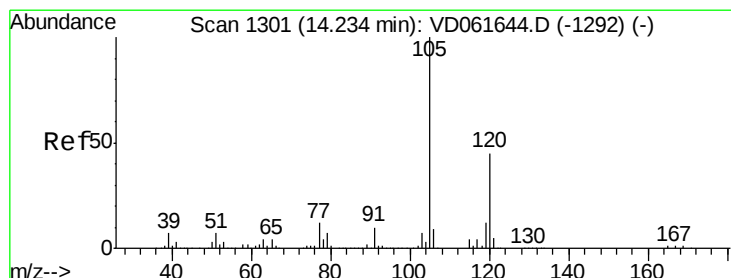
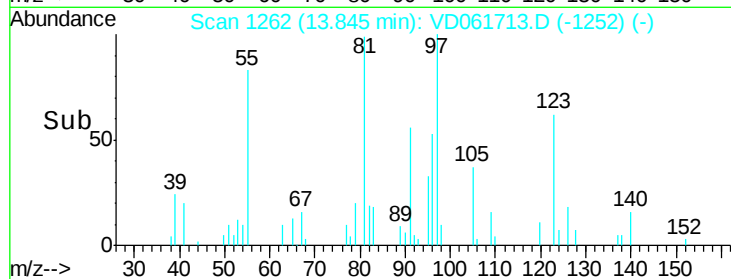
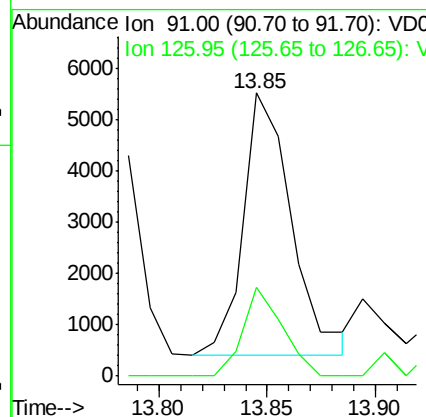
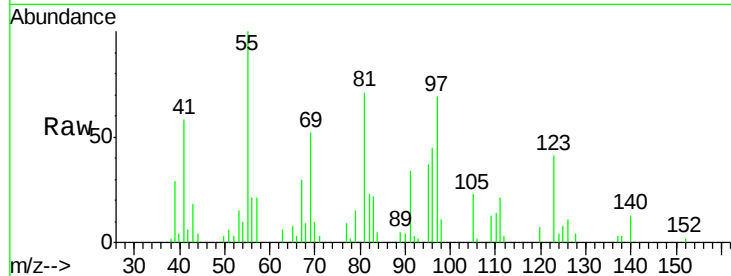




#82
 4-Chlorotoluene
 Concen: 1.252 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. -0.10 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

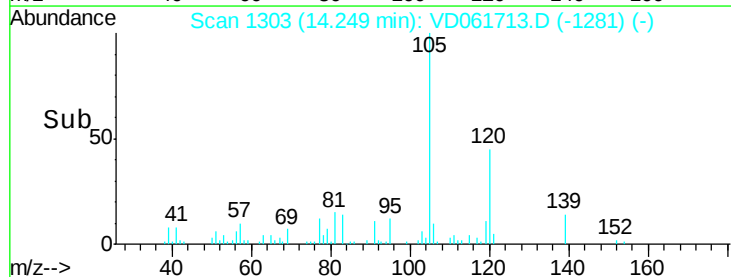
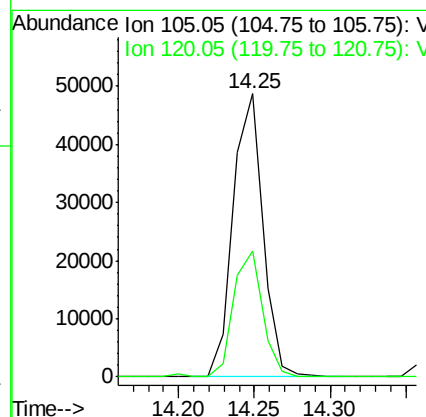
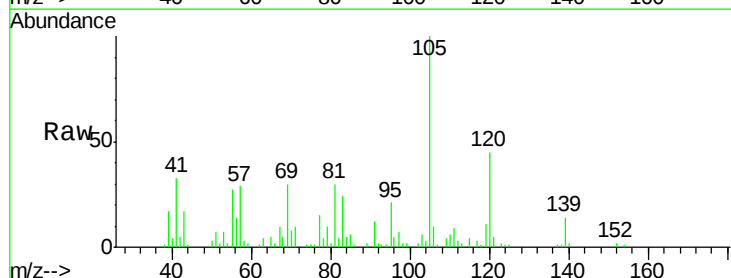
Instrument :
 MSVOA_D
 ClientSampleID :

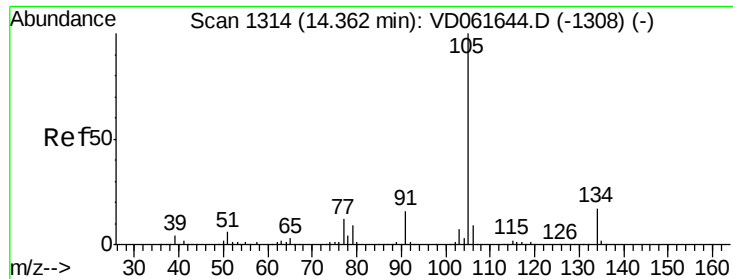
Tot Ion: 91 Resp: 7958
 Ion Ratio Lower Upper
 91 100
 126 31.4 19.0 57.0



#84
 1,2,4-Trimethylbenzene
 Concen: 9.790 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

Tgt Ion: 105 Resp: 66520
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.8

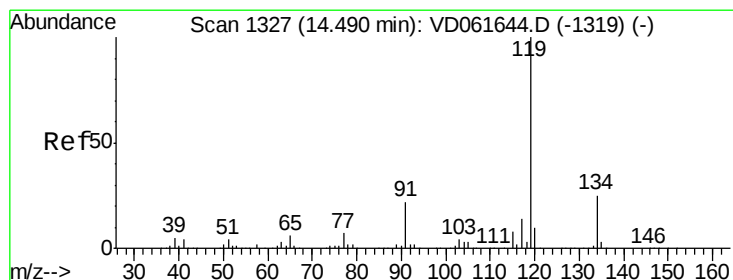
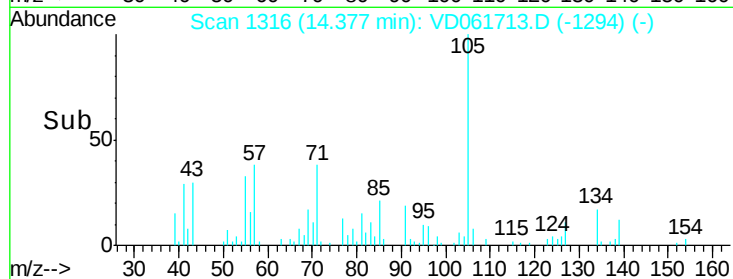
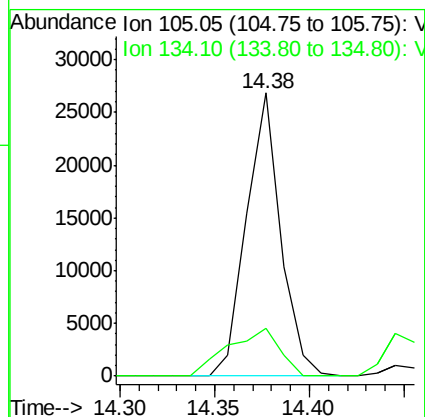
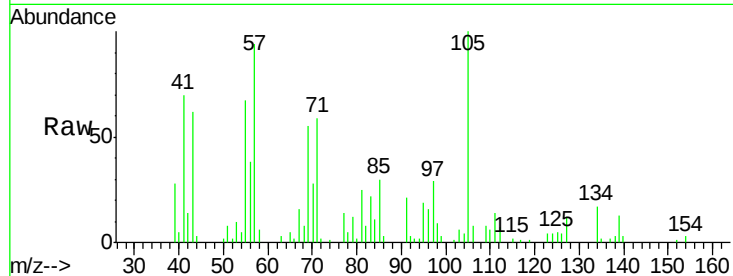




#85
 sec-Butylbenzene
 Concen: 3.839 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

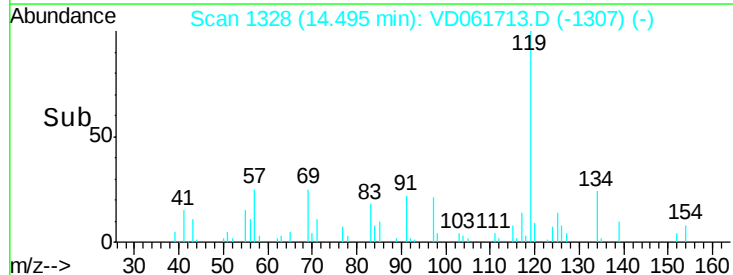
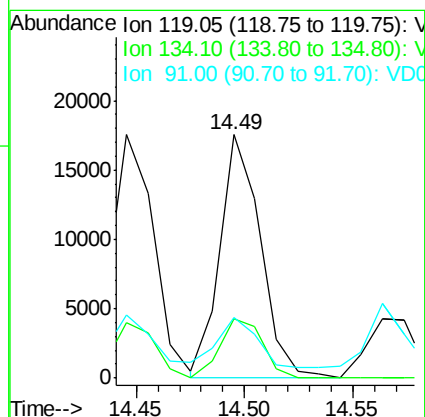
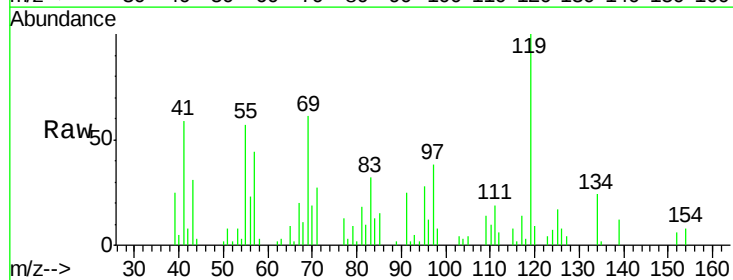
Instrument :
 MSVOA_D
 ClientSampled :

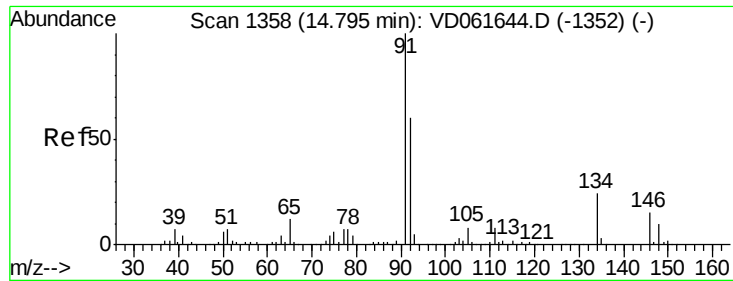
Tot Ion:105 Resp: 33671
 Ion Ratio Lower Upper
 105 100
 134 16.9 8.6 25.7



#86
 p-Isopropyltoluene
 Concen: 3.025 ug/l
 RT: 14.49 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

Tgt Ion:119 Resp: 23012
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.5 37.5
 91 25.1 11.0 33.0





#89

n-Butylbenzene

Concen: 2.450 ug/l

RT: 14.78 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD061713.D

Acq: 10 Apr 2019 15:18

Instrument :

MSVOA_D

ClientSampleId :

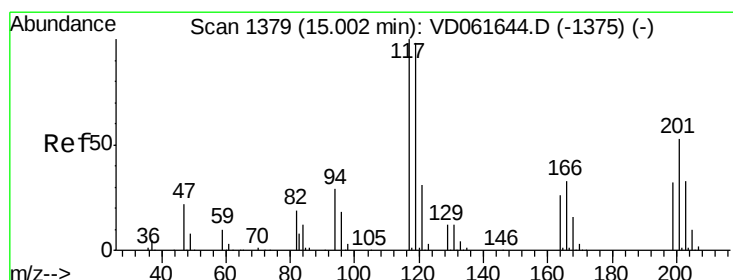
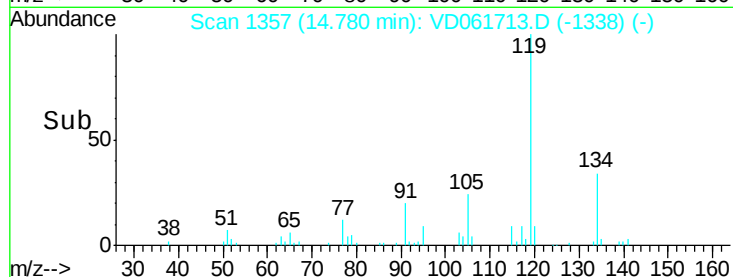
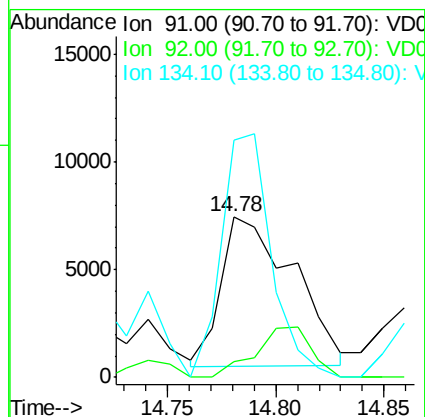
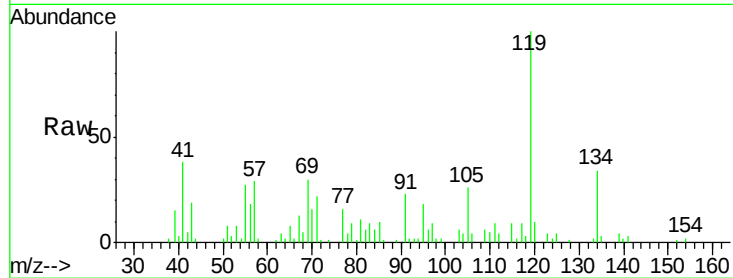
Tot Ion: 91 Resp: 16200

Ion Ratio Lower Upper

91 100

92 9.7 29.8 89.4#

134 147.5 12.2 36.4#



#90

Hexachloroethane

Concen: 3.205 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.01 min

Lab File: VD061713.D

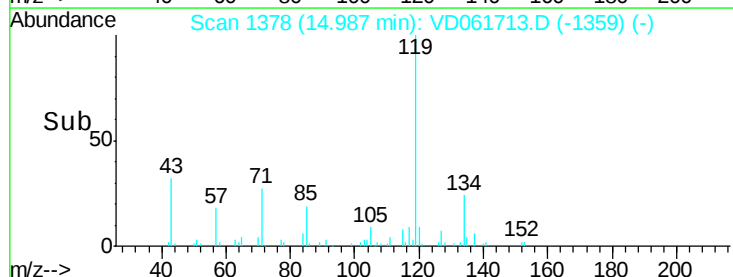
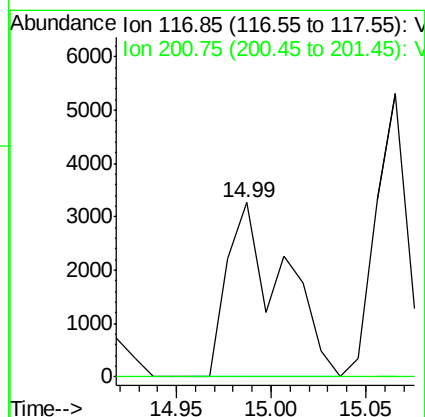
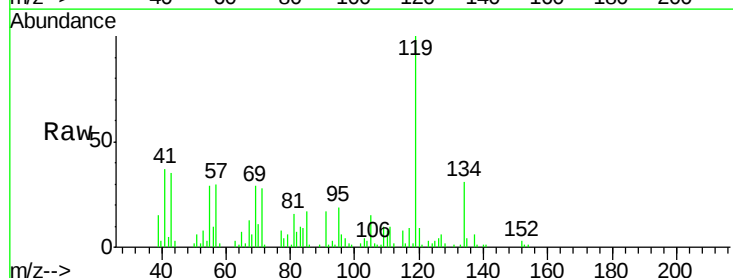
Acq: 10 Apr 2019 15:18

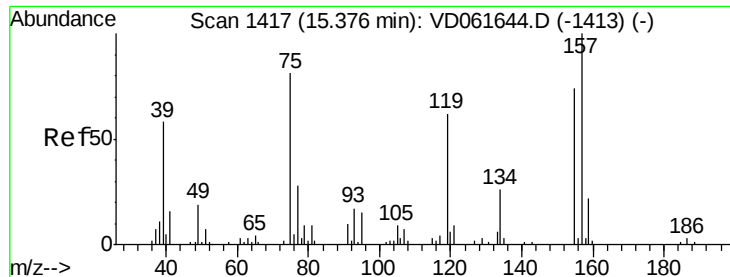
Tgt Ion: 117 Resp: 6617

Ion Ratio Lower Upper

117 100

201 0.0 26.3 78.8#

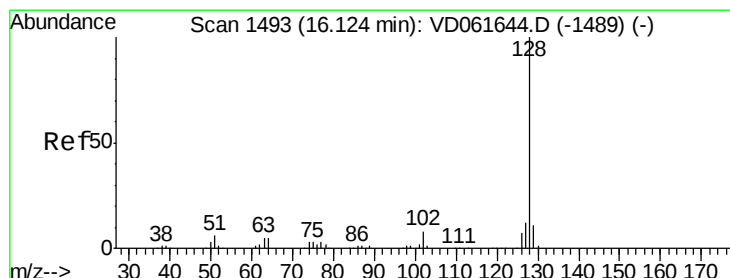
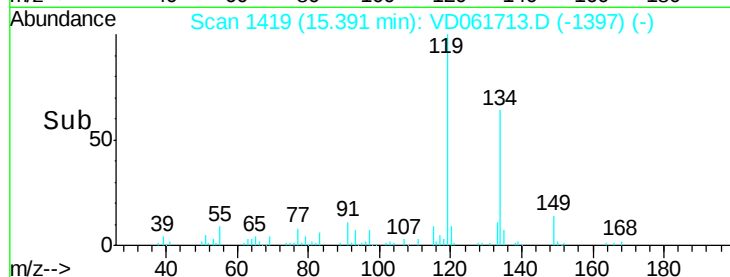
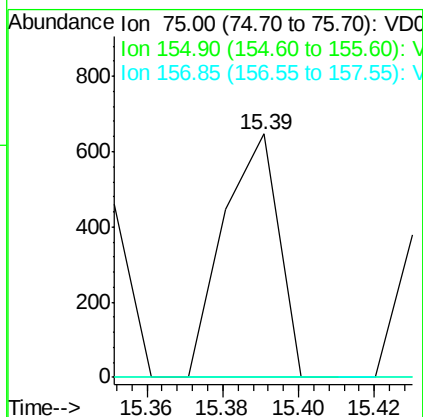
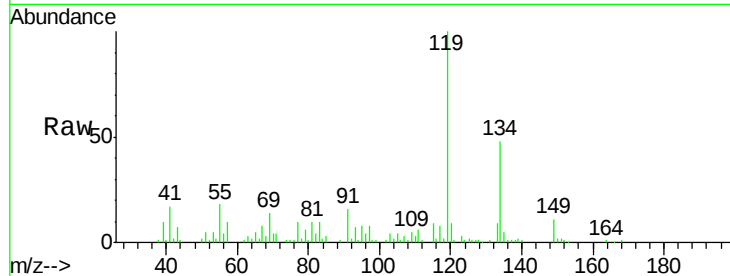




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.057 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.02 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

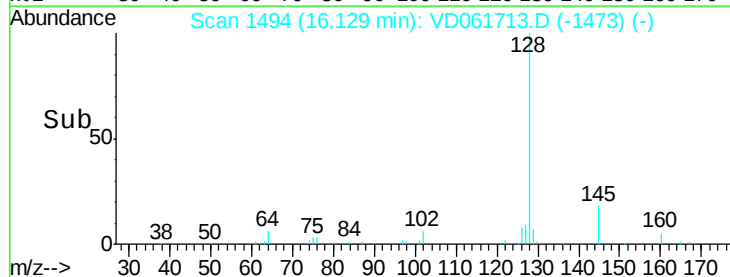
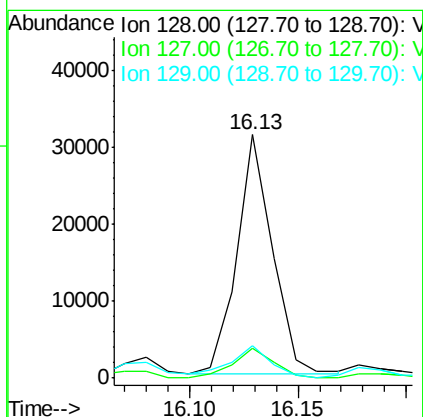
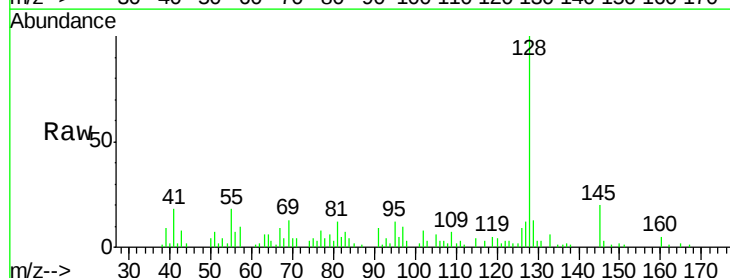
Instrument :
 MSVOA_D
 ClientSampleId :

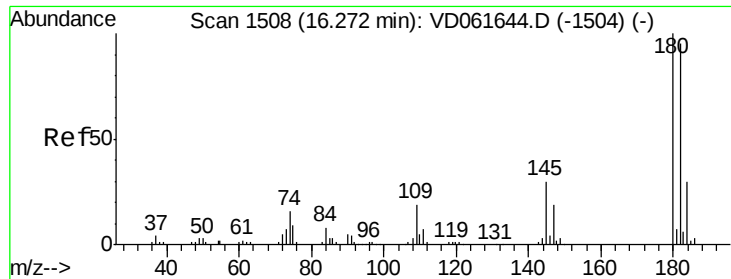
Tot Ion: 75 Resp: 647
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.6 136.7#
 157 0.0 61.4 184.2#



#95
 Naphthalene
 Concen: 12.589 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

Tgt Ion: 128 Resp: 35441
 Ion Ratio Lower Upper
 128 100
 127 12.2 9.4 14.2
 129 13.1 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.231 ug/l
 RT: 16.26 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: VD061713.D
 Acq: 10 Apr 2019 15:18

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 1093
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 579.1 15.1 45.3#

