

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061768.D
 Acq On : 12 Apr 2019 6:33
 Operator : VA/AP
 Sample : K2345-07
 Misc : 8.77g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 07:07:44 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	7.03	168	265819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	497312	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	330620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	94186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	162846	80.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	161.64%	
35) Dibromofluoromethane	6.92	113	225516	65.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.92%	
50) Toluene-d8	10.40	98	382135	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	
62) 4-Bromofluorobenzene	13.55	95	127391	40.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.34%	

Target Compounds

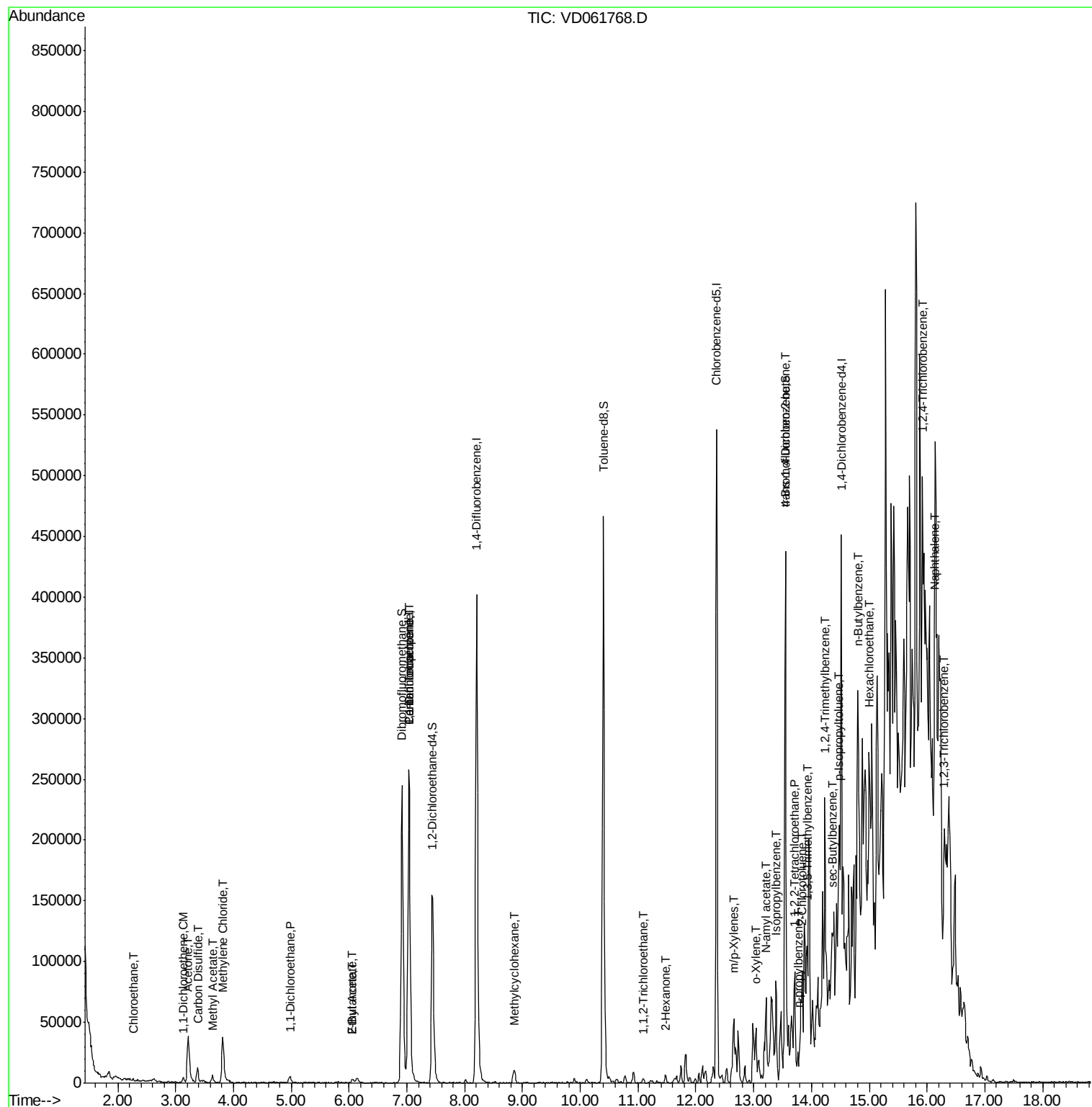
					Qvalue	
6) Chloroethane	2.26	64	696	1.026	ug/l	# 44
12) 1,1-Dichloroethene	3.13	96	2901	1.047	ug/l	87
16) Acetone	3.21	43	78607	130.507	ug/l	98
17) Carbon Disulfide	3.38	76	24269	2.695	ug/l	97
18) Methyl Acetate	3.64	43	10227	9.025	ug/l	# 87
20) Methylene Chloride	3.81	84	30483	8.919	ug/l	94
24) 1,1-Dichloroethane	4.99	63	10566	2.176	ug/l	# 86
25) 2-Butanone	6.05	43	8075	11.629	ug/l	93
36) 1,1-Dichloropropene	7.03	75	18864	4.334	ug/l	# 48
37) Ethyl Acetate	6.05	43	8075	4.555	ug/l	# 68
38) Carbon Tetrachloride	7.03	117	26141	5.125	ug/l	# 11
39) Methylcyclohexane	8.85	83	6673	1.493	ug/l	# 90
55) 1,1,2-Trichloroethane	11.09	97	2922	1.321	ug/l	# 15
59) 2-Hexanone	11.47	43	3683	3.119	ug/l	# 27
68) m/p-Xylenes	12.65	106	14006	3.639	ug/l	100
69) o-Xylene	13.04	106	6241	1.680	ug/l	94
73) Isopropylbenzene	13.39	105	9817	1.564	ug/l	90
74) N-amyl acetate	13.21	43	7544	4.424	ug/l	# 48
75) 1,1,2,2-Tetrachloroethane	13.71	83	5342	4.117	ug/l	# 52
78) n-propylbenzene	13.77	91	12347	1.645	ug/l	96
79) 2-Chlorotoluene	13.84	91	5402	1.258	ug/l	# 35
80) 1,3,5-Trimethylbenzene	13.92	105	22816	4.581	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.55	75	47486	122.120	ug/l	# 25
84) 1,2,4-Trimethylbenzene	14.23	105	69936	13.911	ug/l	98
85) sec-Butylbenzene	14.36	105	8914	1.374	ug/l	96
86) p-Isopropyltoluene	14.49	119	64763	11.505	ug/l	98
89) n-Butylbenzene	14.79	91	21085	4.310	ug/l	93
90) Hexachloroethane	15.00	117	4047	2.650	ug/l	# 26
93) 1,2,4-Trichlorobenzene	15.93	180	2510	1.907	ug/l	# 1
95) Naphthalene	16.12	128	22251	10.683	ug/l	97
96) 1,2,3-Trichlorobenzene	16.29	180	1734	2.639	ug/l	# 15

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061768.D
Acq On : 12 Apr 2019 6:33
Operator : VA/AP
Sample : K2345-07
Misc : 8.77a/5ml/MSVOA D/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 12 07:07:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

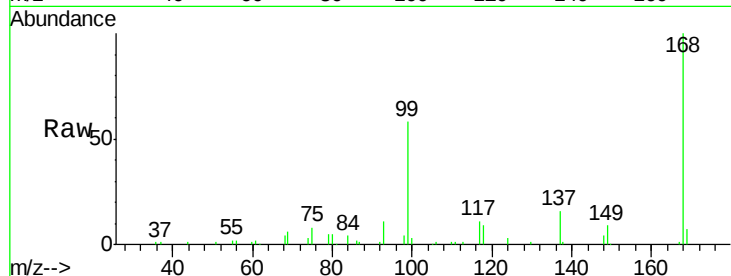
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 265819

Ion Ratio Lower Upper

168 100

99 58.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

80000

60000

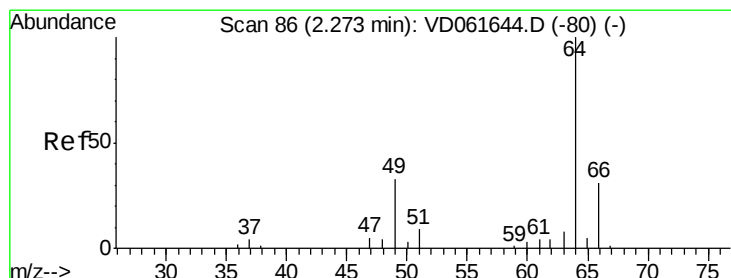
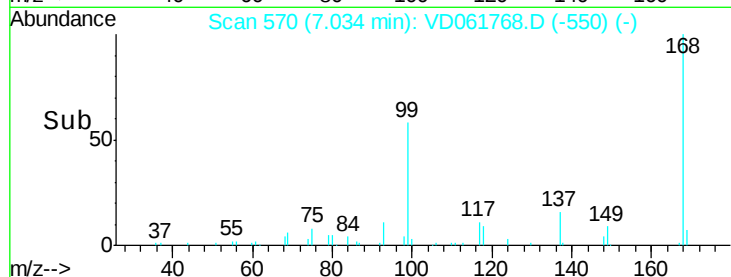
40000

20000

0

6.90 7.00 7.10 7.20

Time-->



#6

Chloroethane

Concen: 1.026 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD061768.D

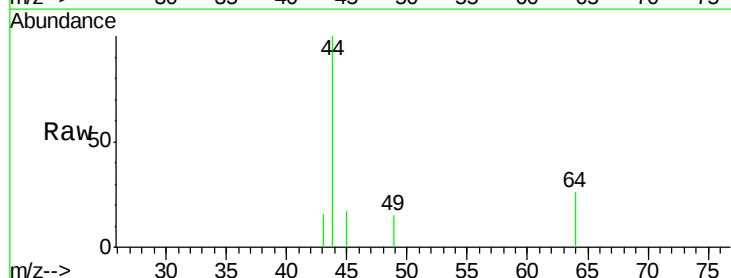
Acq: 12 Apr 2019 6:33

Tgt Ion: 64 Resp: 696

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.26

600

500

400

300

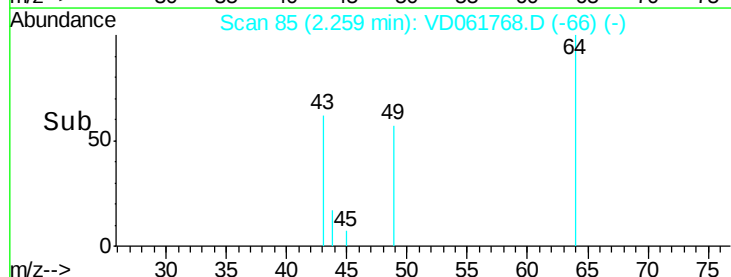
200

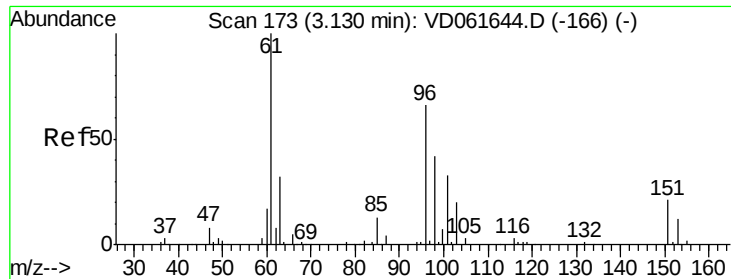
100

0

2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 1.047 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.00 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :
MSVOA_D
ClientSampled :

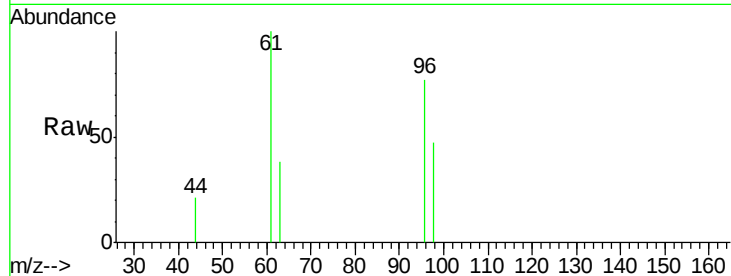
Tot Ion: 96 Resp: 2901

Ion Ratio Lower Upper

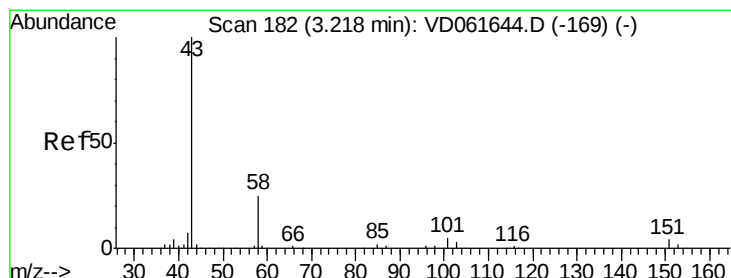
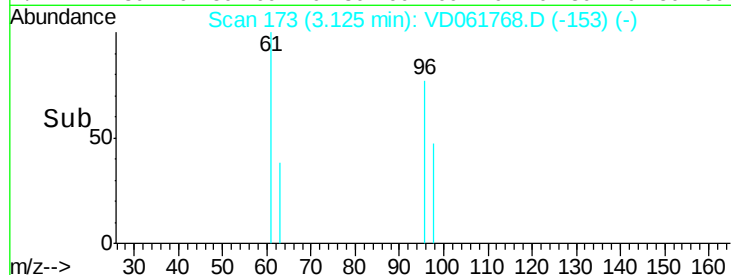
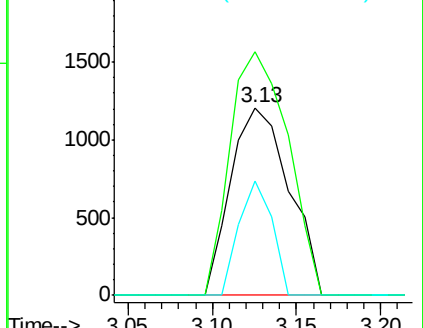
96 100

61 129.6 121.3 181.9

98 60.7 50.6 76.0



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



#16

Acetone

Concen: 130.507 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061768.D

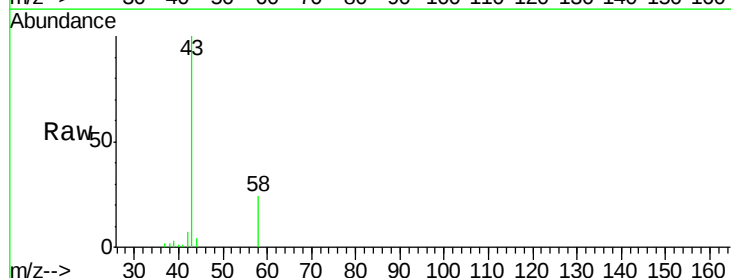
Acq: 12 Apr 2019 6:33

Tgt Ion: 43 Resp: 78607

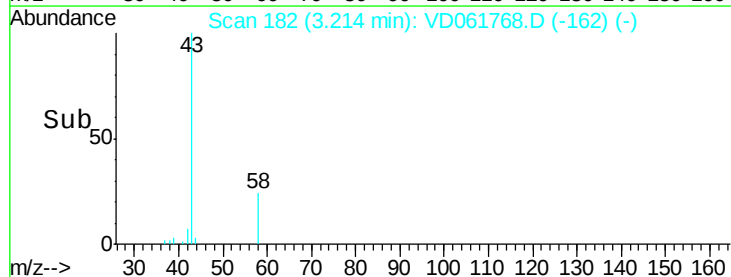
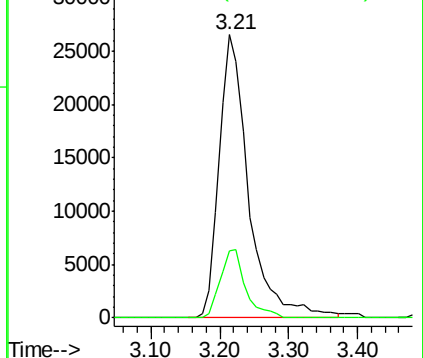
Ion Ratio Lower Upper

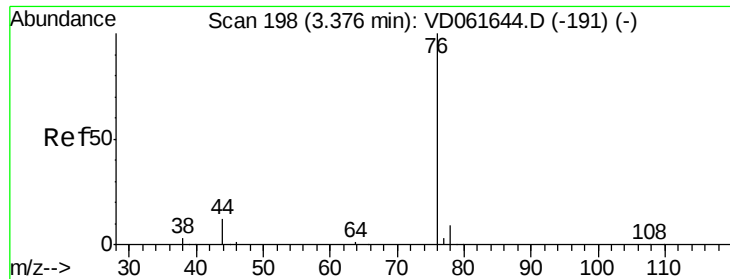
43 100

58 23.7 19.7 29.5



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





#17

Carbon Disulfide

Concen: 2.695 ug/l

RT: 3.38 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

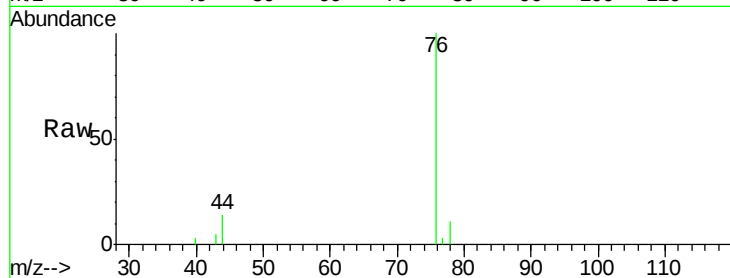
ClientSampleId :

Tot Ion: 76 Resp: 24269

Ion Ratio Lower Upper

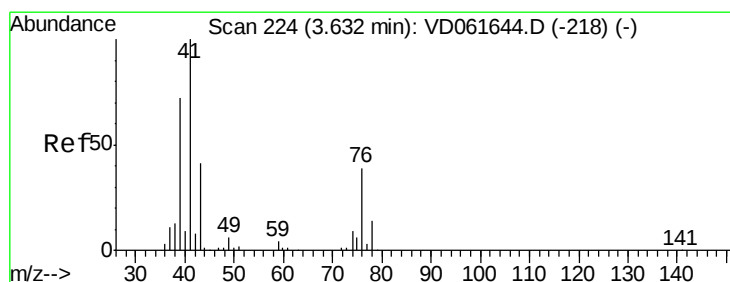
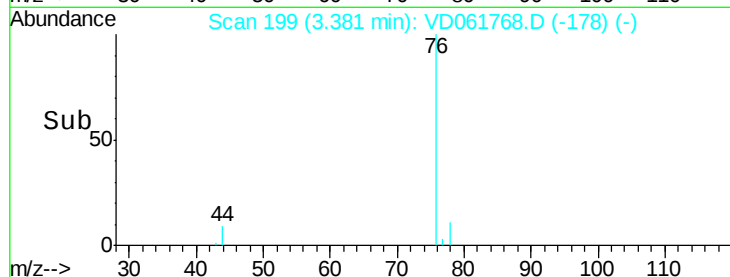
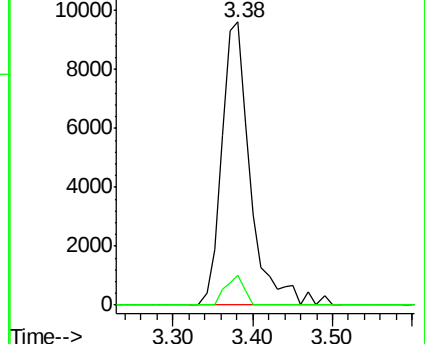
76 100

78 10.6 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 9.025 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD061768.D

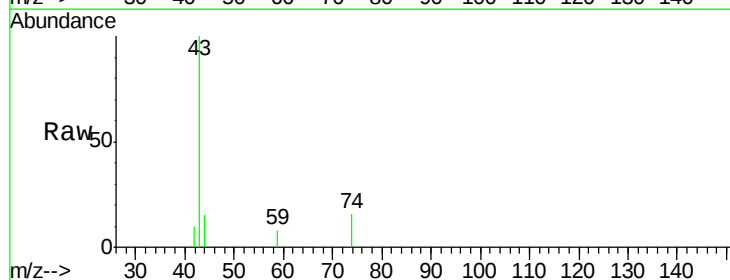
Acq: 12 Apr 2019 6:33

Tgt Ion: 43 Resp: 10227

Ion Ratio Lower Upper

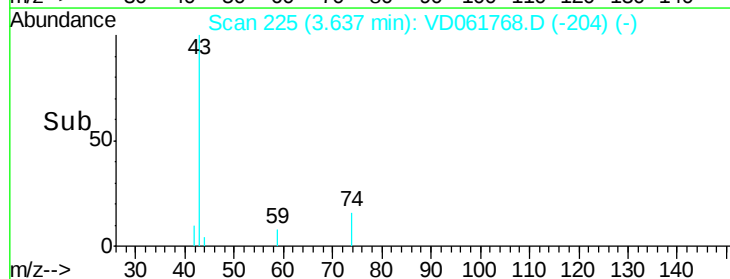
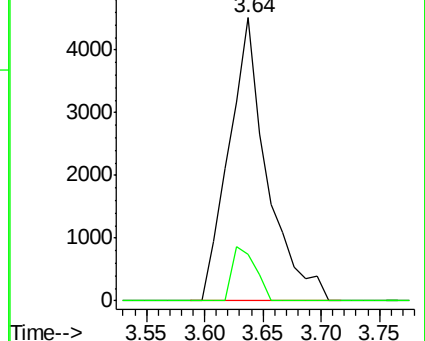
43 100

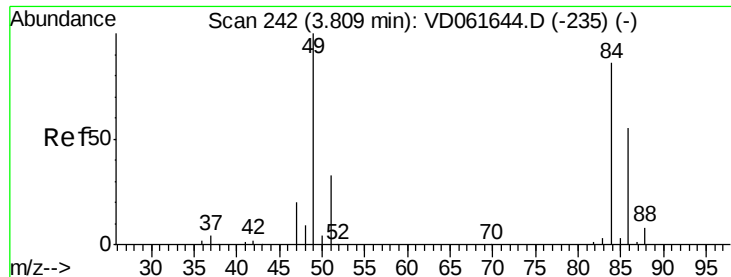
74 16.4 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

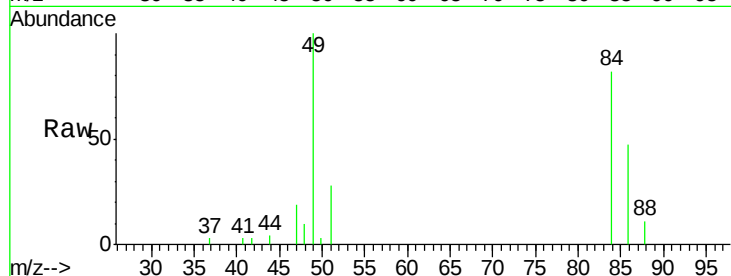




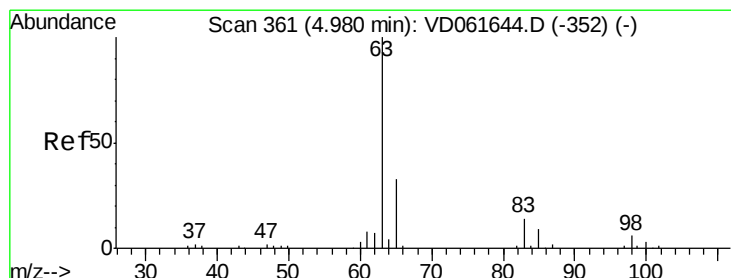
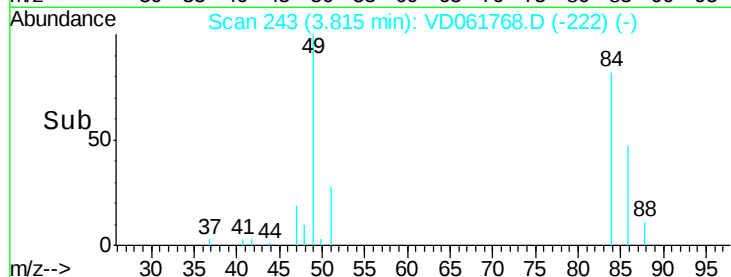
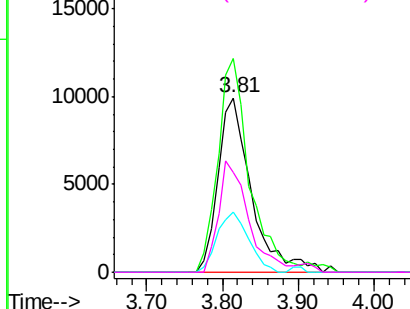
#20
Methylene Chloride
Concen: 8.919 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 30483
Ion Ratio Lower Upper
84 100
49 122.4 93.0 139.4
51 34.4 30.4 45.6
86 57.4 51.0 76.4

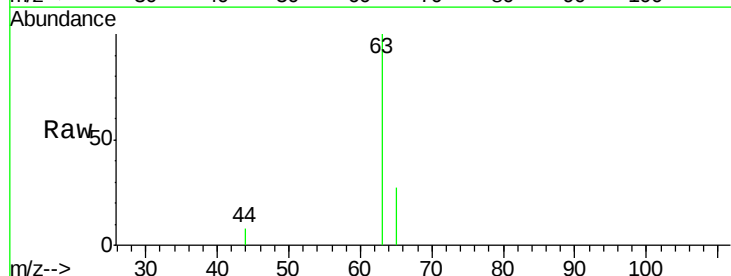


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

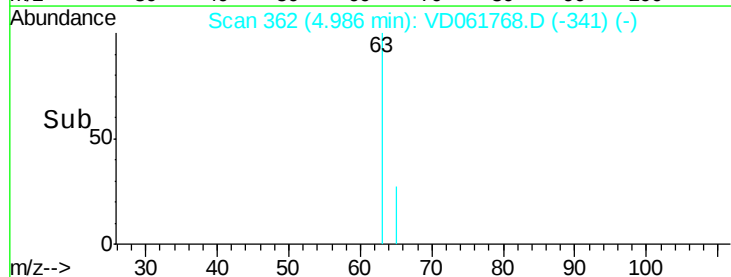
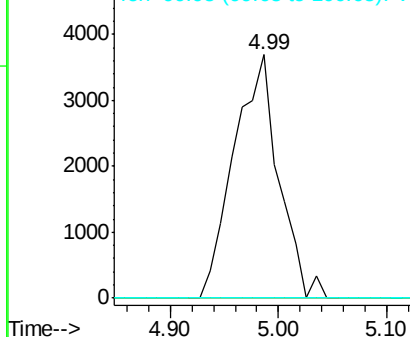


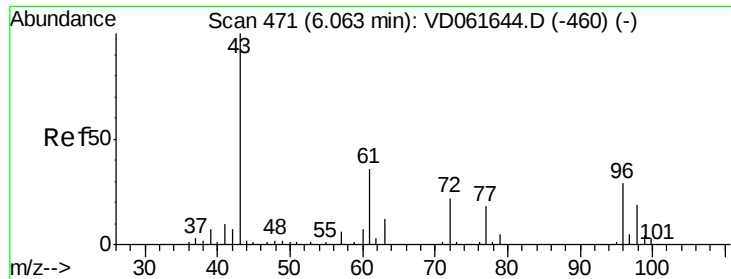
#24
1,1-Dichloroethane
Concen: 2.176 ug/l
RT: 4.99 min Scan# 362
Delta R.T. 0.01 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Tgt Ion: 63 Resp: 10566
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.6#
100 0.0 1.7 5.1#



Abundance Ion 62.95 (62.65 to 63.65): VDC
Ion 97.95 (97.65 to 98.65): VDC
Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 11.629 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.01 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

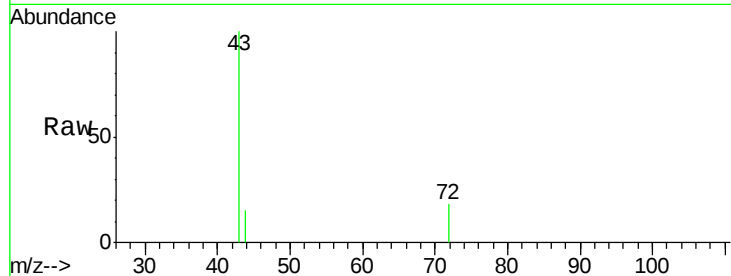
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 8075

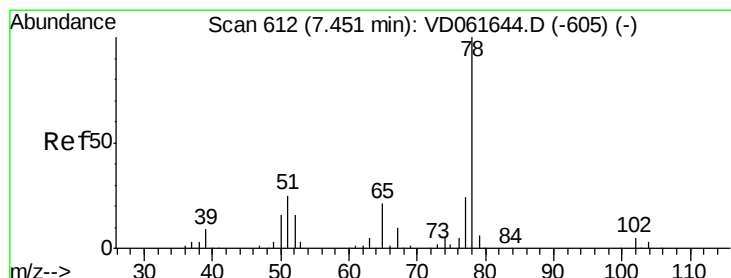
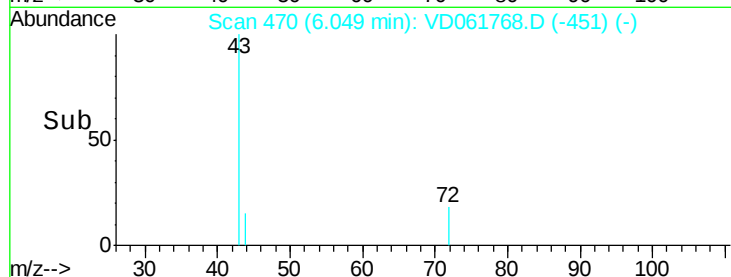
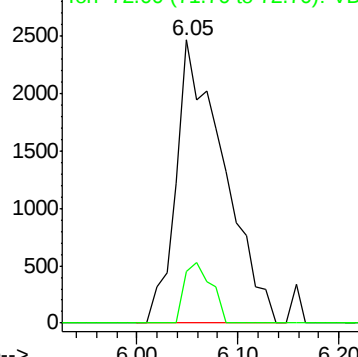
Ion Ratio Lower Upper

43 100

72 18.3 17.4 26.2



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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061768.D

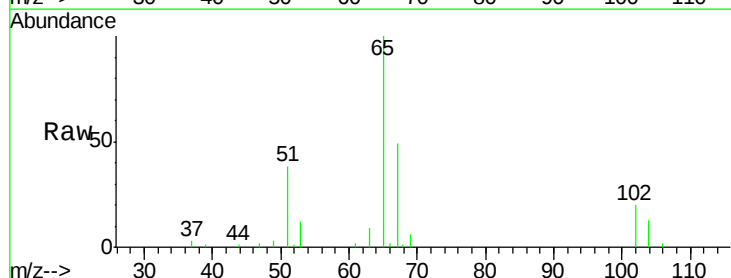
Acq: 12 Apr 2019 6:33

Tgt Ion: 65 Resp: 162846

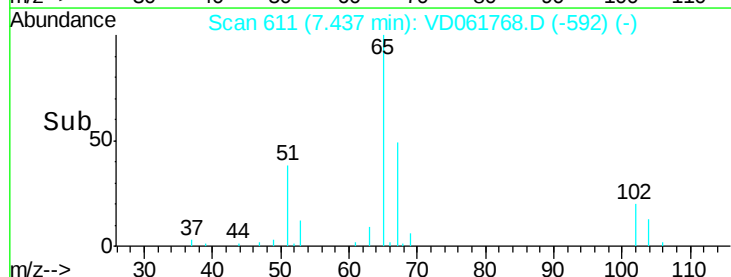
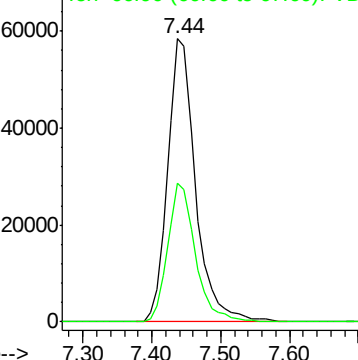
Ion Ratio Lower Upper

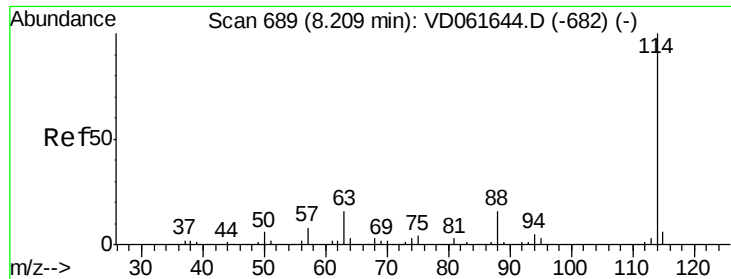
65 100

67 48.9 0.0 99.4



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

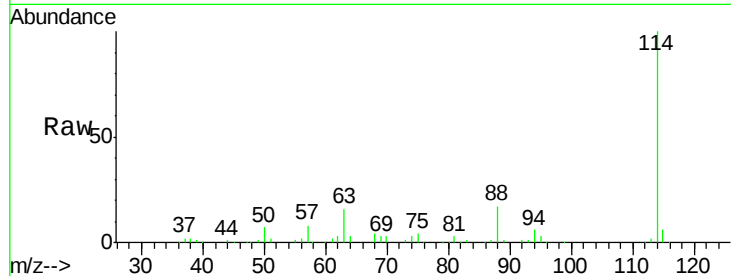




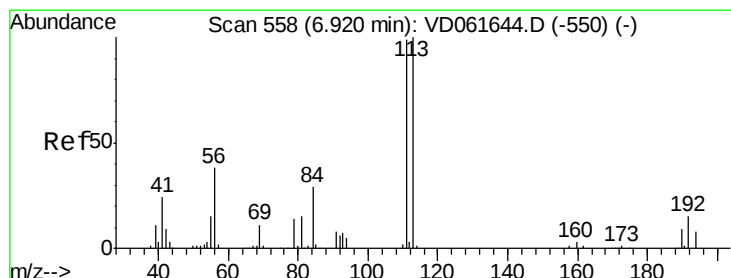
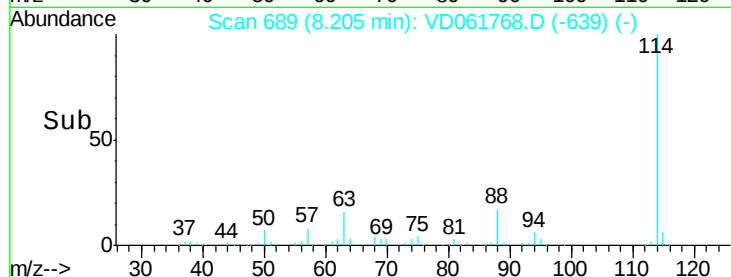
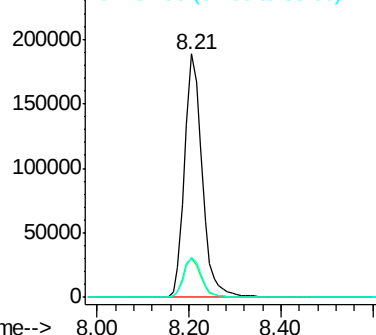
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061768.D
 Acq: 12 Apr 2019 6:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 497312
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.2
 88 16.6 0.0 31.8

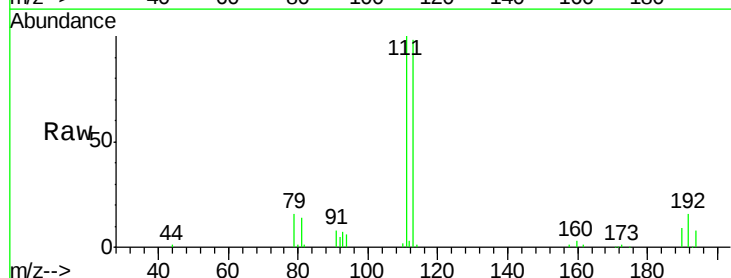


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

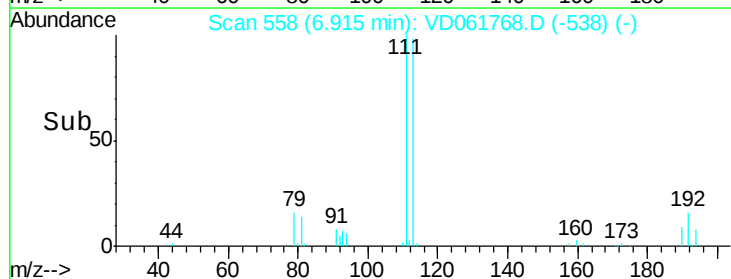
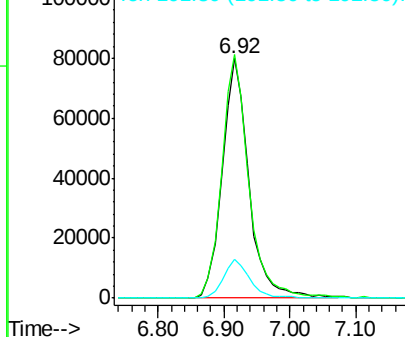


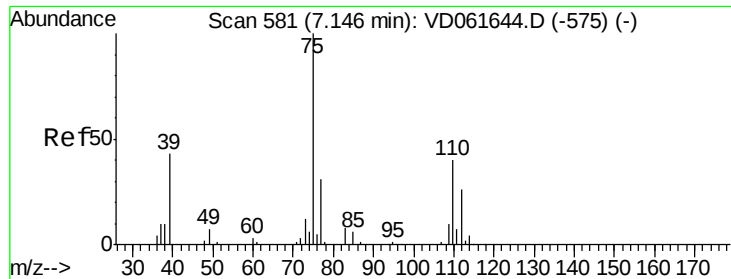
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061768.D
 Acq: 12 Apr 2019 6:33

Tgt Ion:113 Resp: 225516
 Ion Ratio Lower Upper
 113 100
 111 101.7 79.3 118.9
 192 16.2 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: 4.334 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

ClientSampleId :

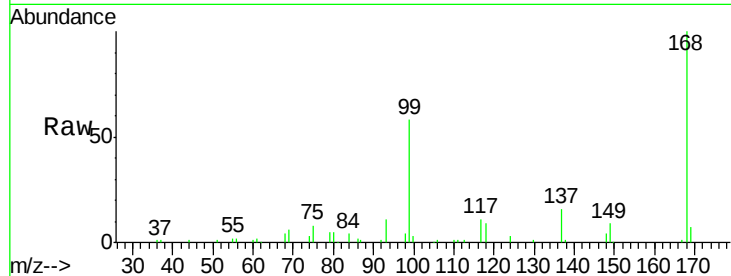
Tot Ion: 75 Resp: 18864

Ion Ratio Lower Upper

75 100

110 9.1 19.7 59.0#

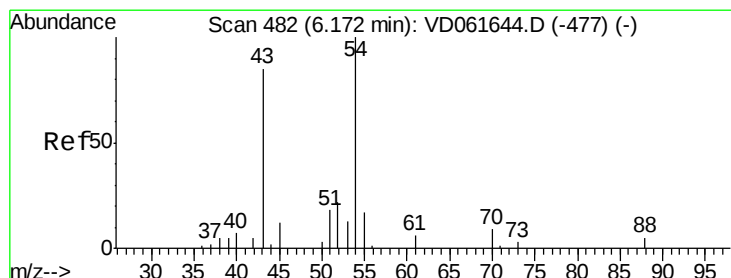
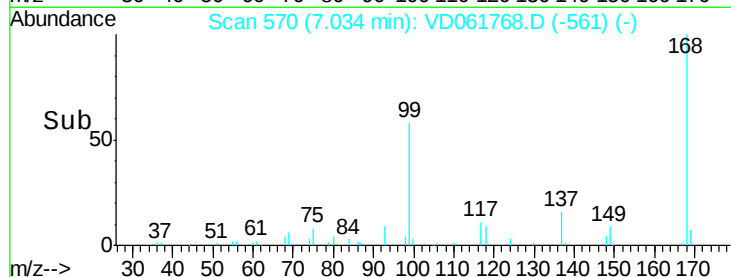
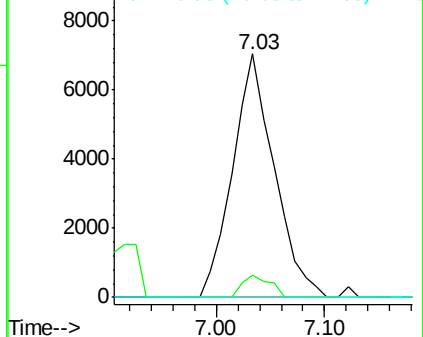
77 0.0 24.8 37.2#



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: 4.555 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.12 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

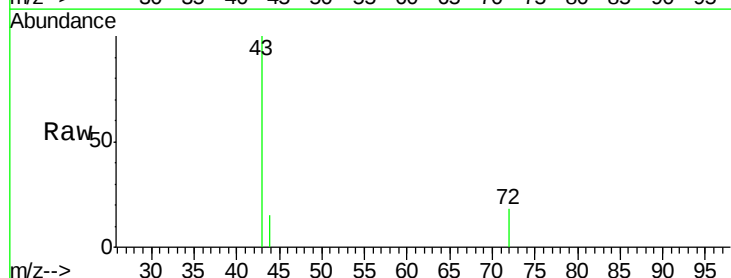
Tgt Ion: 43 Resp: 8075

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

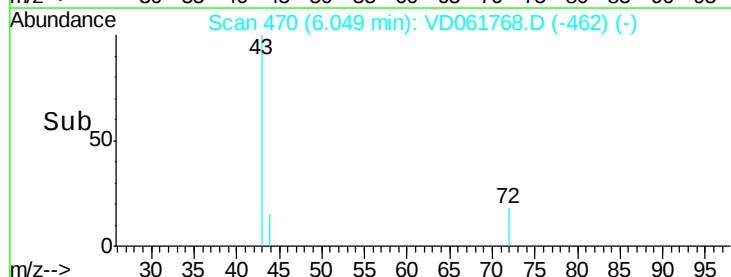
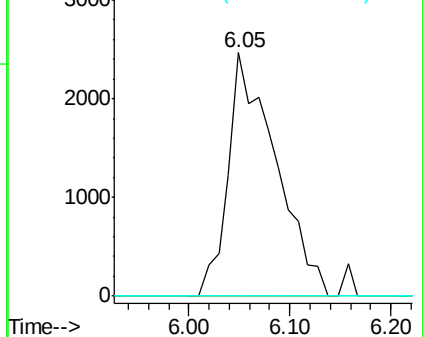
70 0.0 6.9 10.3#

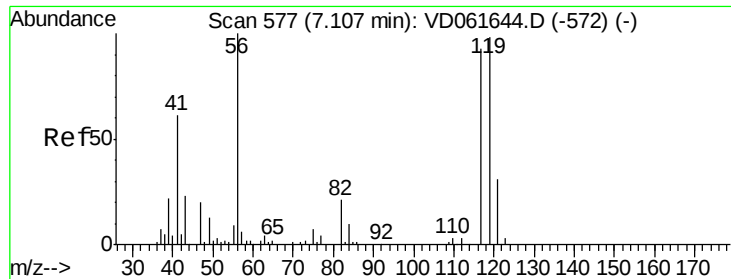


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 5.125 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.07 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

ClientSampleId :

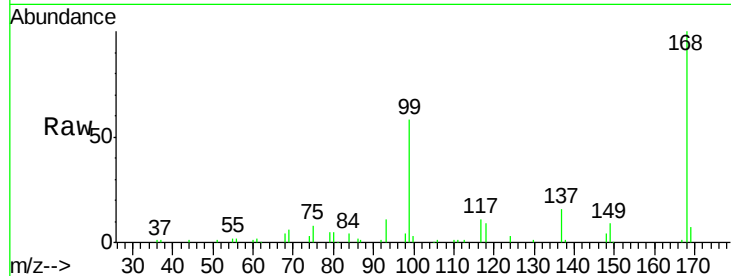
Tot Ion:117 Resp: 26141

Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

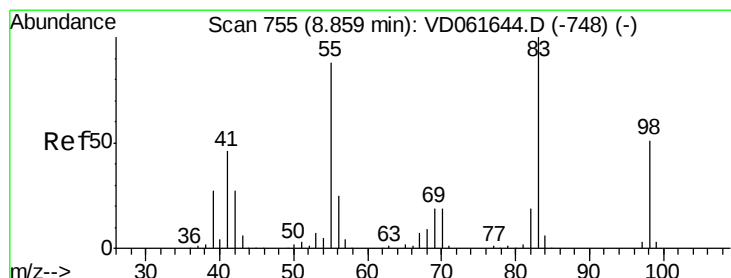
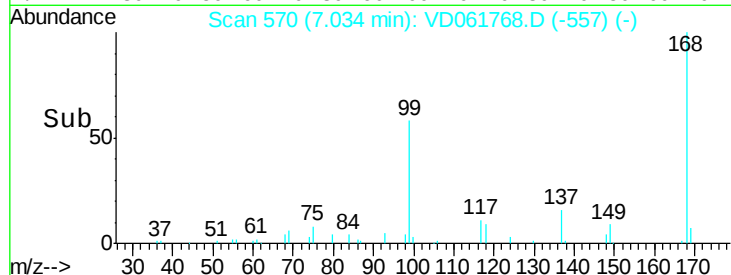
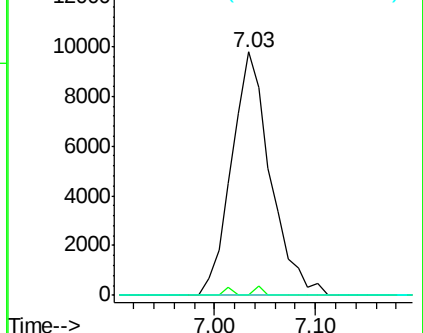
121 0.0 24.7 37.1#



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: 1.493 ug/l

RT: 8.85 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

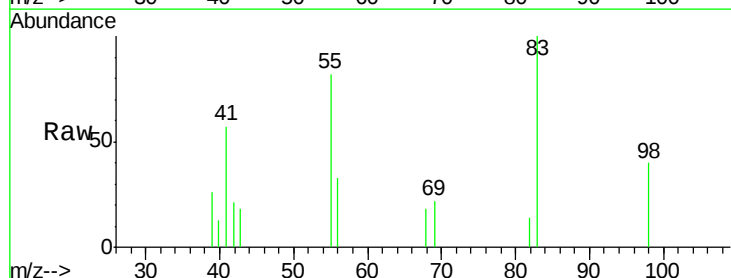
Tgt Ion: 83 Resp: 6673

Ion Ratio Lower Upper

83 100

55 81.7 70.3 105.5

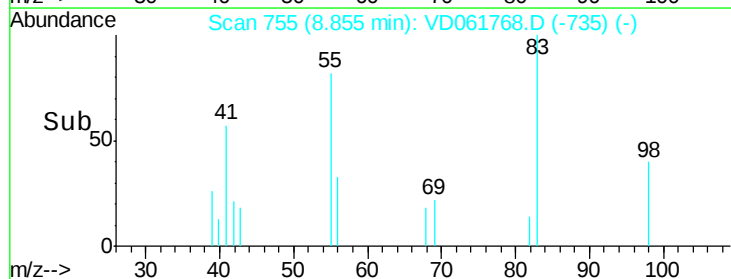
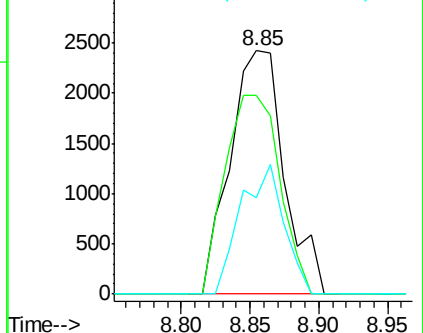
98 39.8 41.0 61.6#

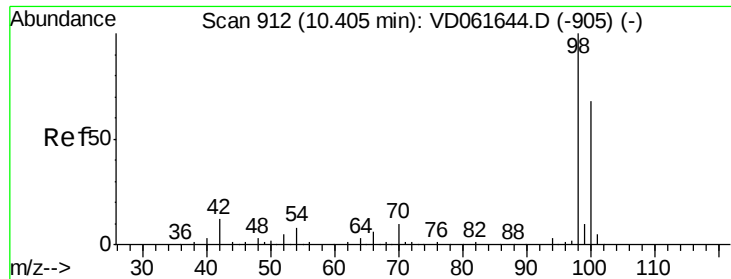


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

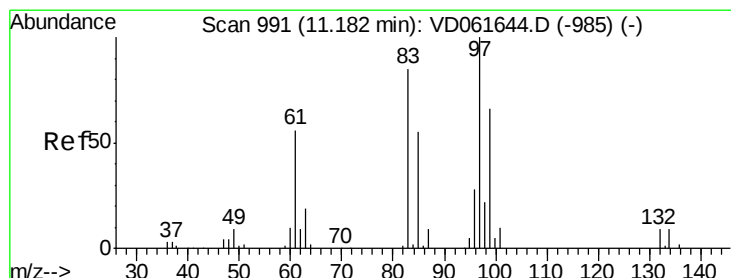
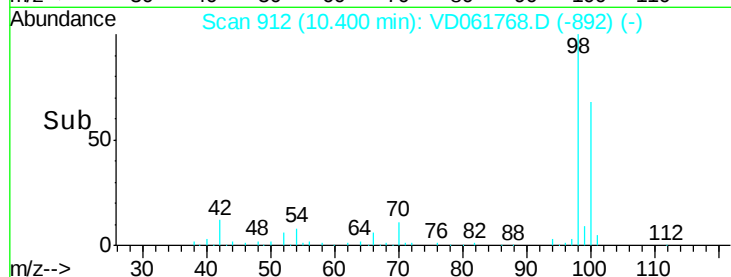
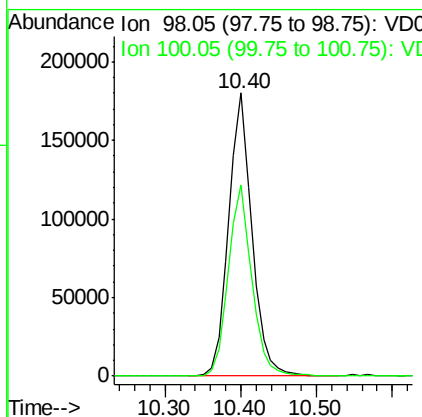
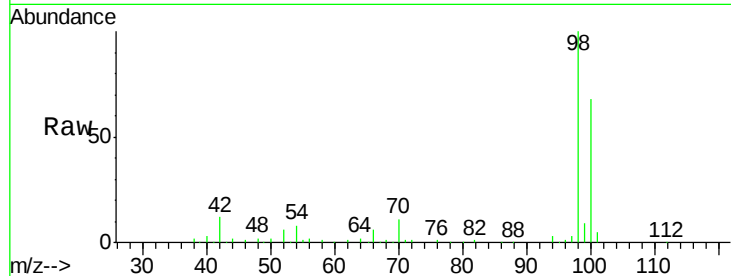




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

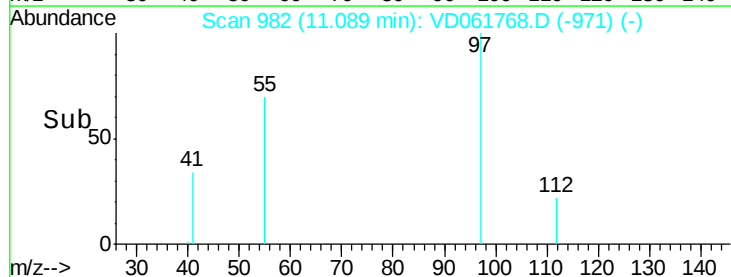
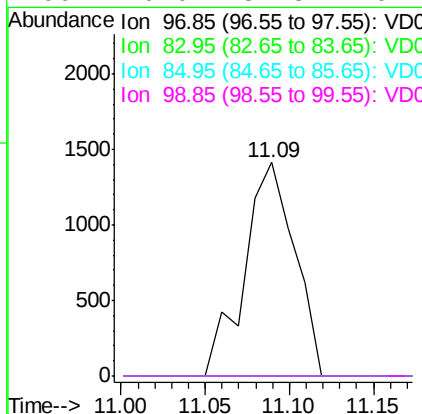
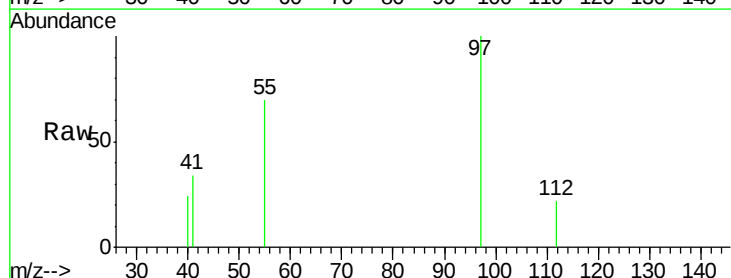
Instrument :
MSVOA_D
ClientSampleId :

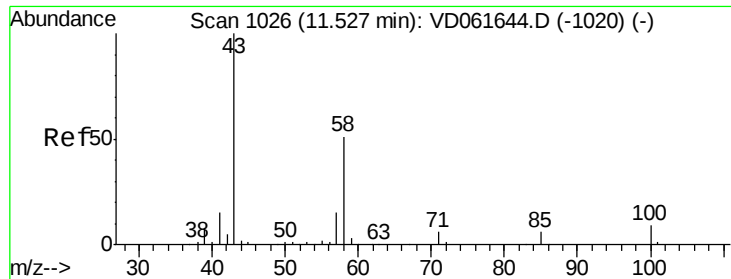
Tot Ion: 98 Resp: 382135
Ion Ratio Lower Upper
98 100
100 67.8 55.4 83.0



#55
1,1,2-Trichloroethane
Concen: 1.321 ug/l
RT: 11.09 min Scan# 982
Delta R.T. -0.09 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Tgt Ion: 97 Resp: 2922
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.6#
85 0.0 43.8 65.8#
99 0.0 52.8 79.2#

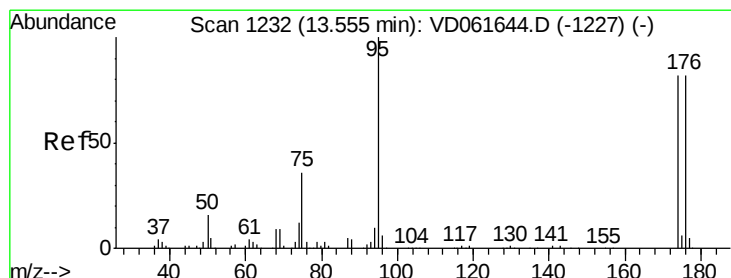
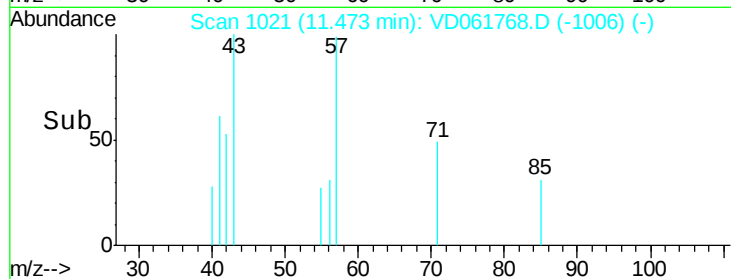
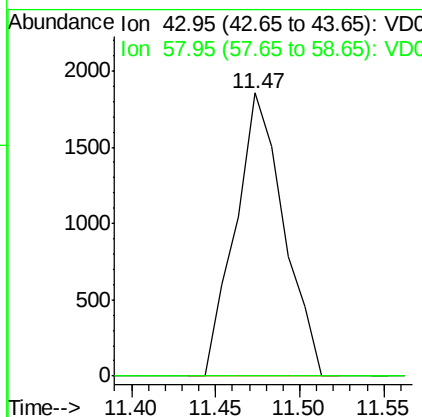
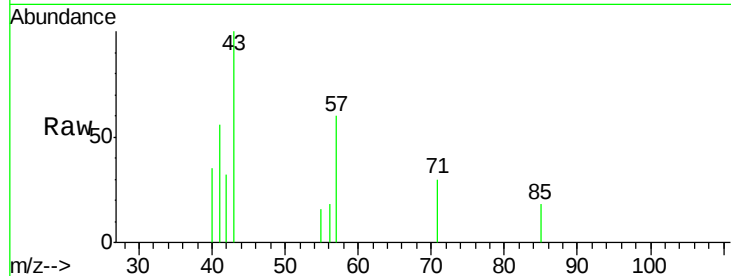




#59
2-Hexanone
Concen: 3.119 ug/l
RT: 11.47 min Scan# 1021
Delta R.T. -0.05 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

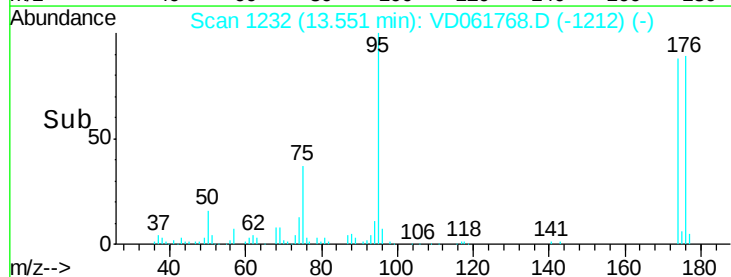
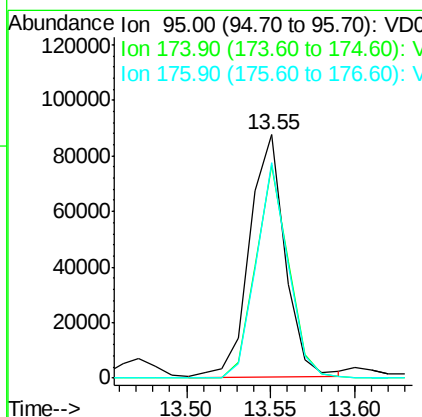
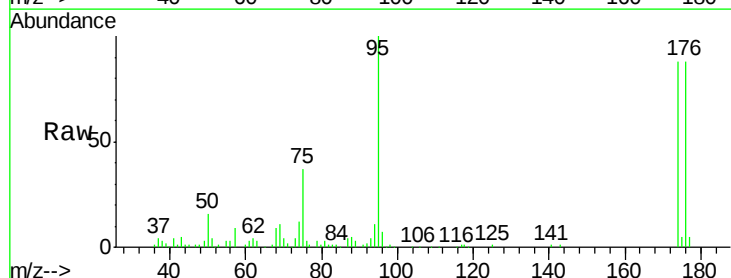
Instrument :
MSVOA_D
ClientSampleId :

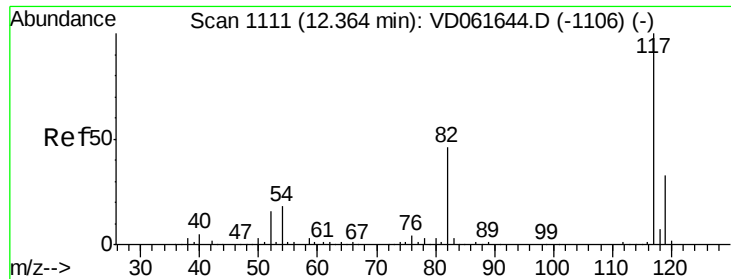
Tot Ion: 43 Resp: 3683
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Tgt Ion: 95 Resp: 127391
Ion Ratio Lower Upper
95 100
174 87.6 0.0 164.6
176 88.3 0.0 165.0

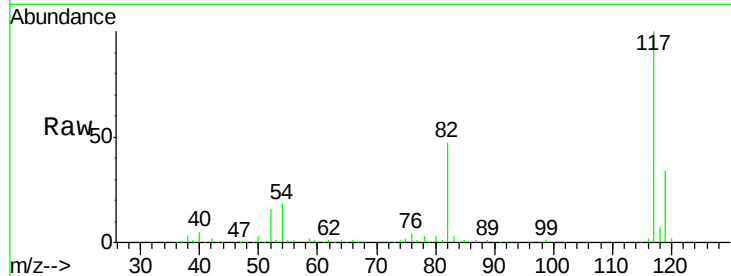




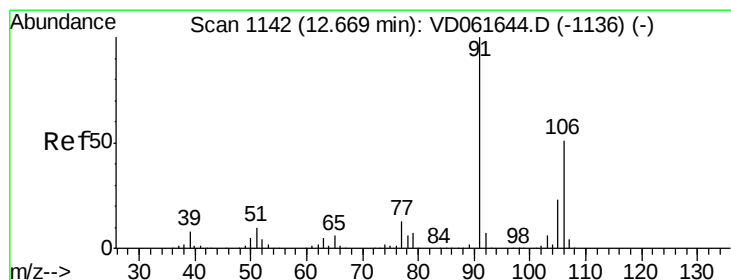
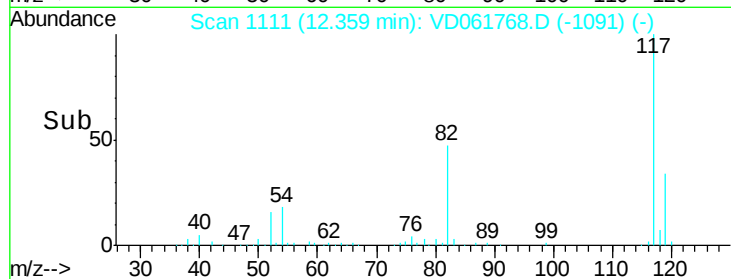
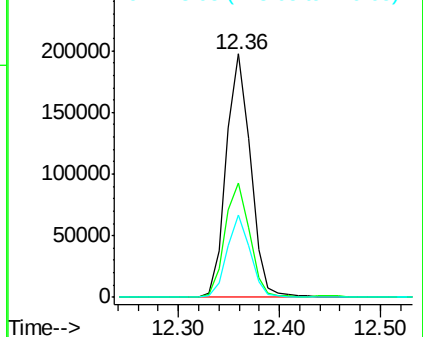
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 330620
Ion Ratio Lower Upper
117 100
82 47.1 36.8 55.2
119 33.6 26.1 39.1

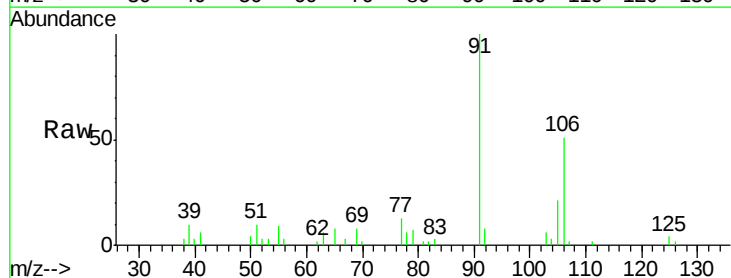


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

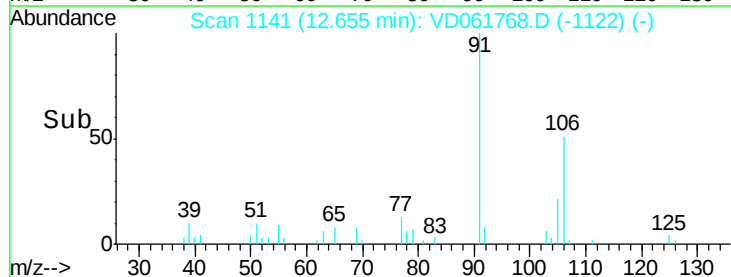
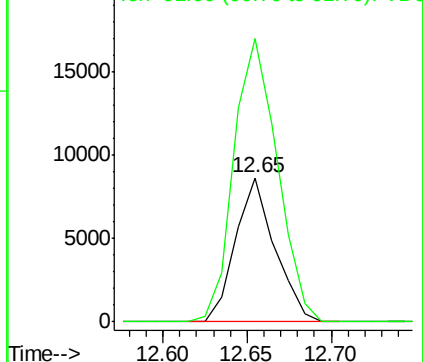


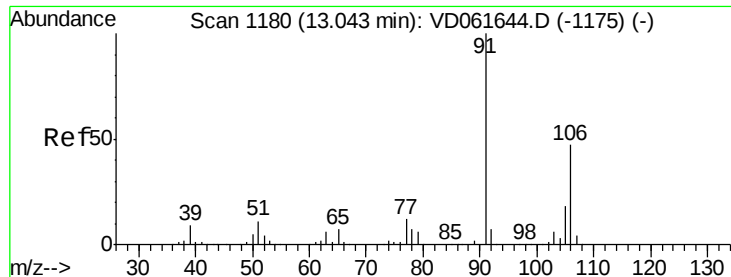
#68
m/p-Xylenes
Concen: 3.639 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Tgt Ion:106 Resp: 14006
Ion Ratio Lower Upper
106 100
91 196.6 156.7 235.1



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

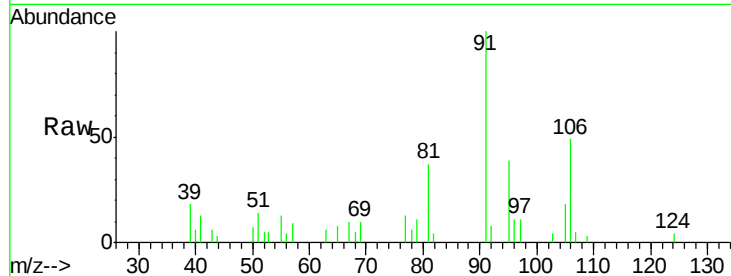




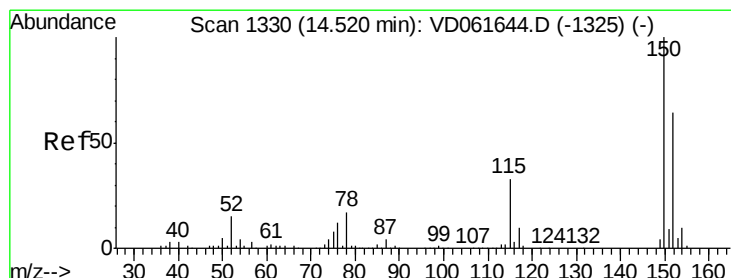
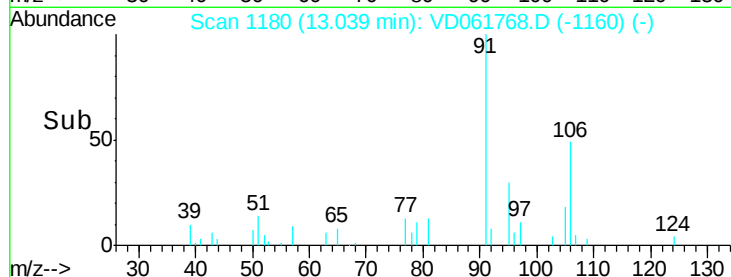
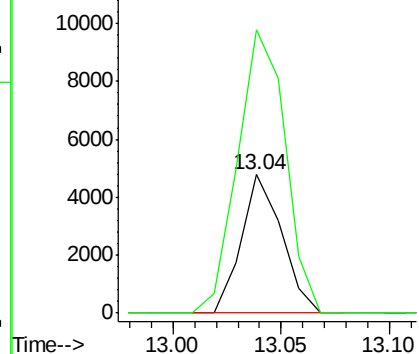
#69
o-Xylene
Concen: 1.680 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:106 Resp: 6241
Ion Ratio Lower Upper
106 100
91 204.5 107.3 321.9

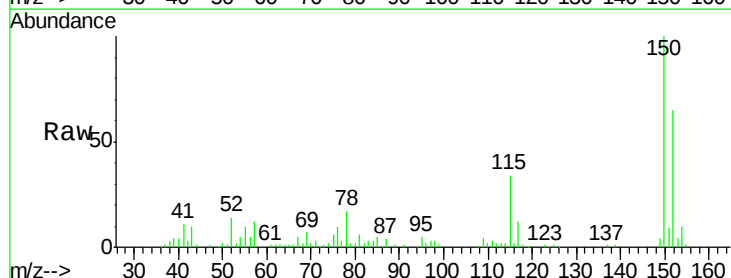


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

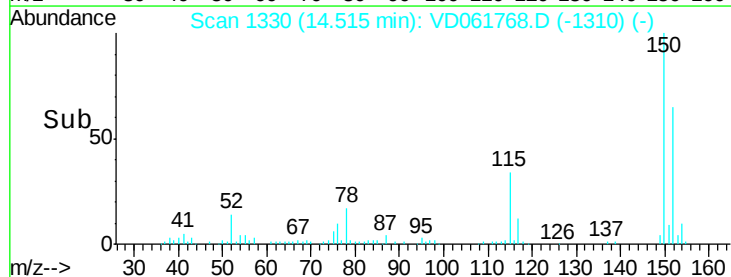
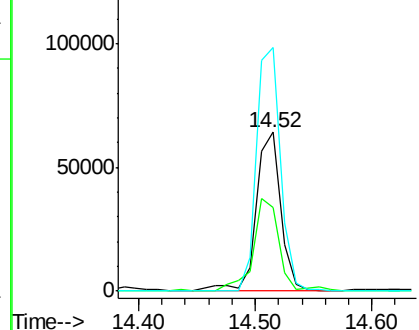


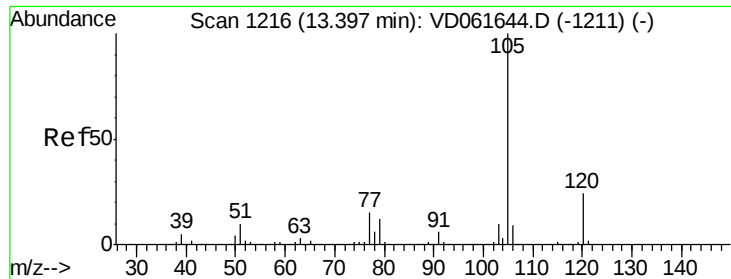
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Tgt Ion:152 Resp: 94186
Ion Ratio Lower Upper
152 100
115 52.4 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: 1.564 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

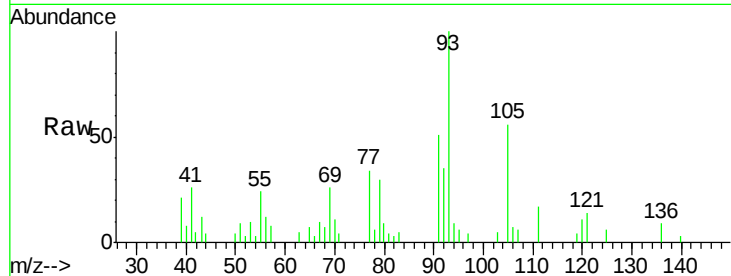
ClientSampleId :

Tot Ion: 105 Resp: 9817

Ion Ratio Lower Upper

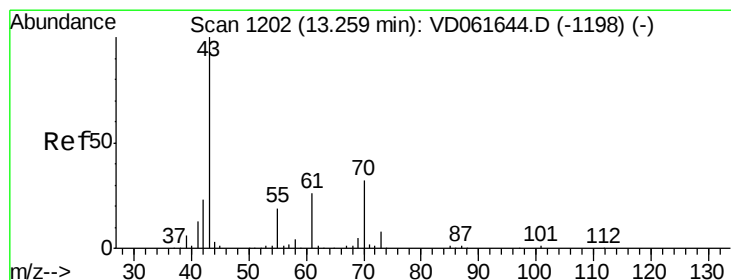
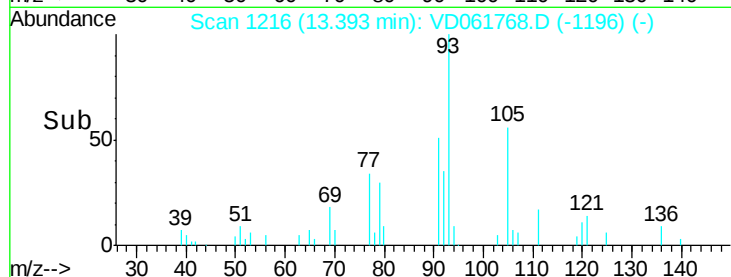
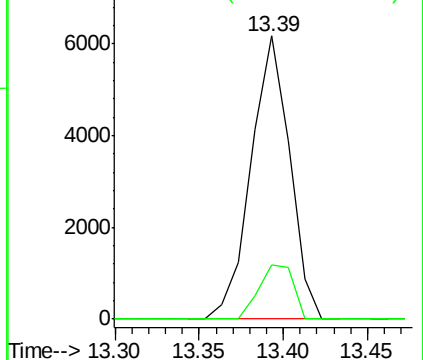
105 100

120 19.2 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-ethyl acetate

Concen: 4.424 ug/l

RT: 13.21 min Scan# 1197

Delta R.T. -0.05 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Tgt Ion: 43 Resp: 7544

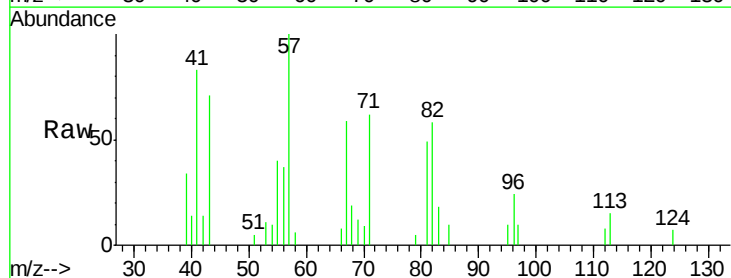
Ion Ratio Lower Upper

43 100

70 13.2 25.4 38.2#

55 56.2 15.0 22.4#

61 0.0 20.9 31.3#

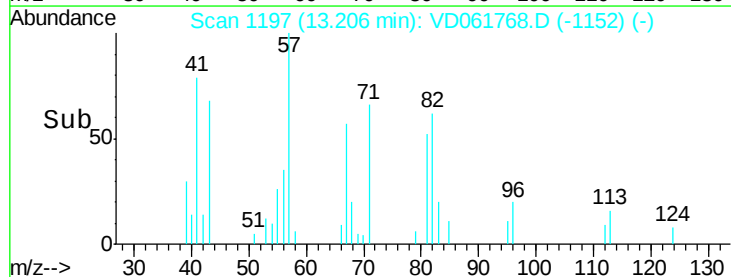
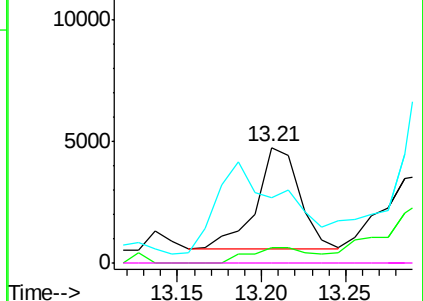


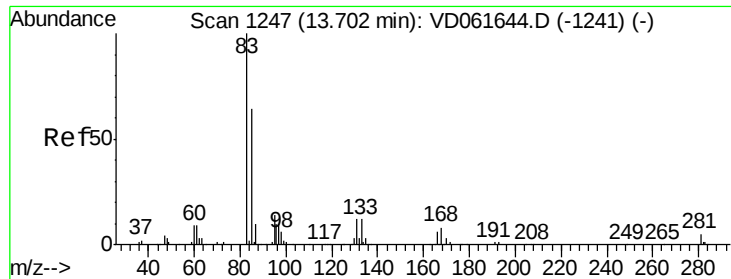
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 4.117 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

ClientSampleId :

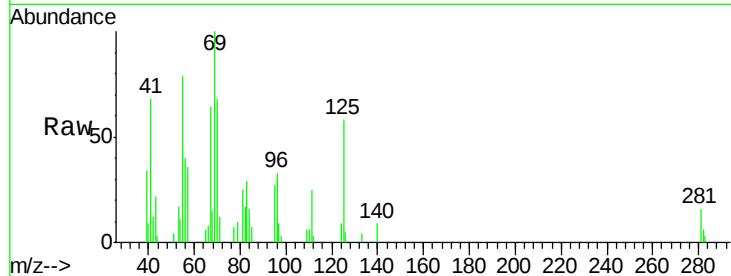
Tot Ion: 83 Resp: 5342

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

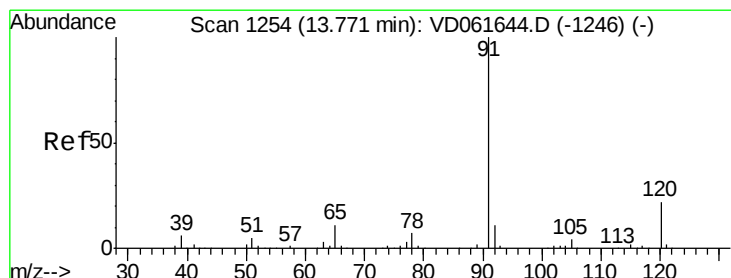
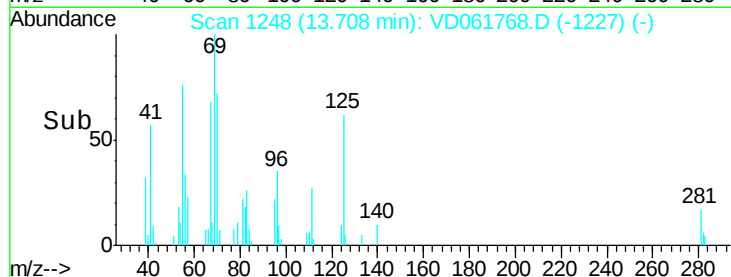
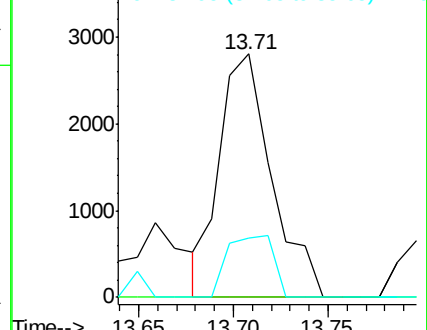
85 24.3 32.0 96.2#



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



#78

n-propylbenzene

Concen: 1.645 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061768.D

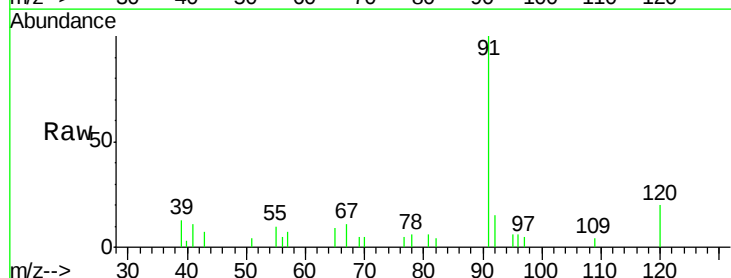
Acq: 12 Apr 2019 6:33

Tgt Ion: 91 Resp: 12347

Ion Ratio Lower Upper

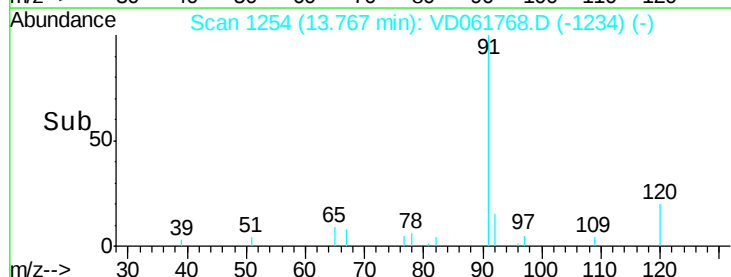
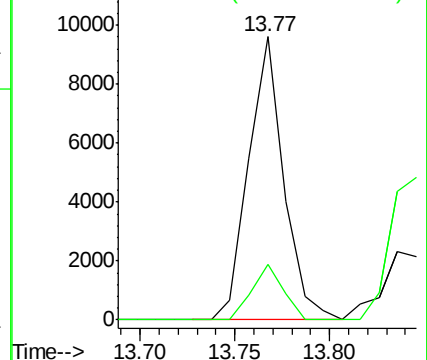
91 100

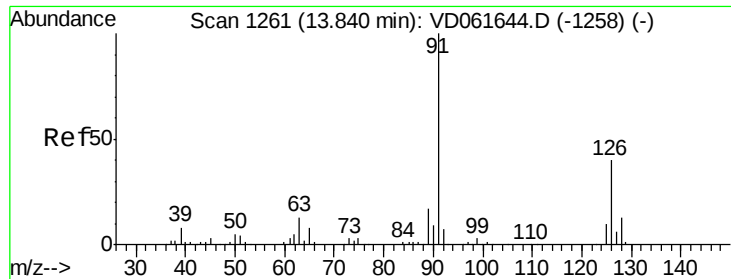
120 19.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC





#79

2-Chlorotoluene

Concen: 1.258 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

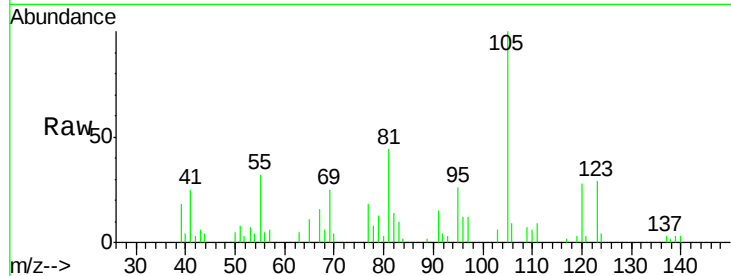
ClientSampleId :

Tot Ion: 91 Resp: 5402

Ion Ratio Lower Upper

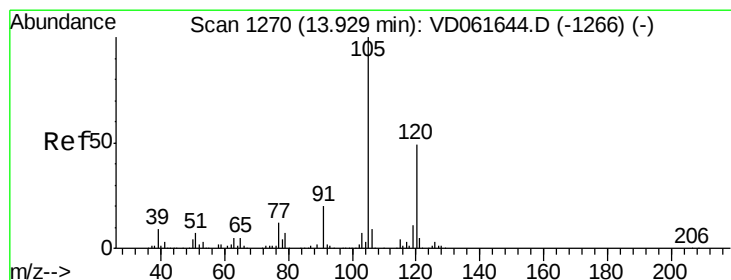
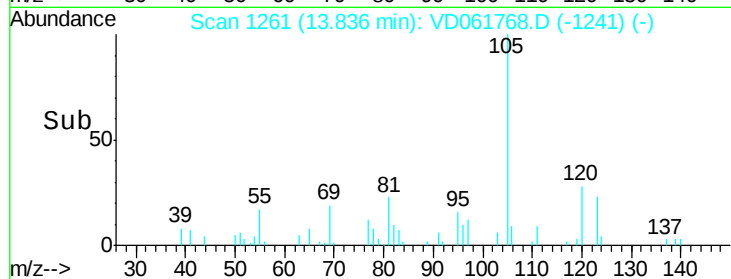
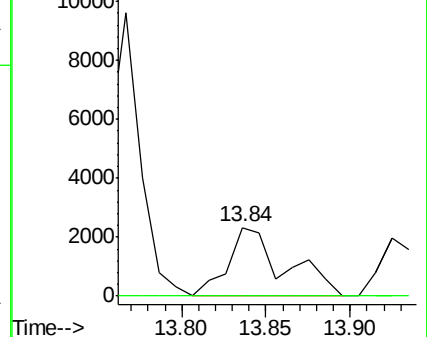
91 100

126 0.0 20.0 59.9#



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: 4.581 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD061768.D

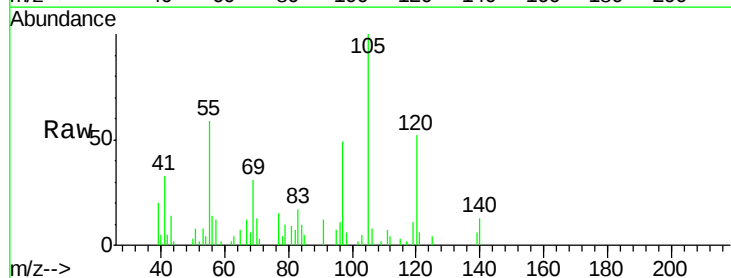
Acq: 12 Apr 2019 6:33

Tgt Ion: 105 Resp: 22816

Ion Ratio Lower Upper

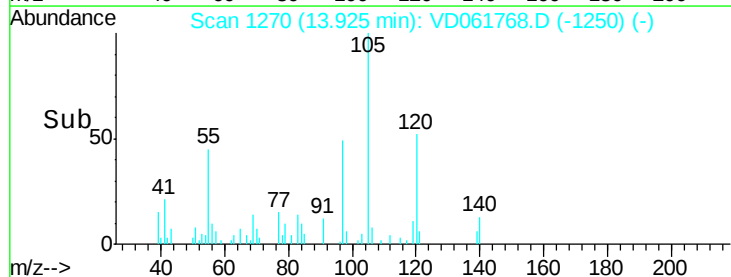
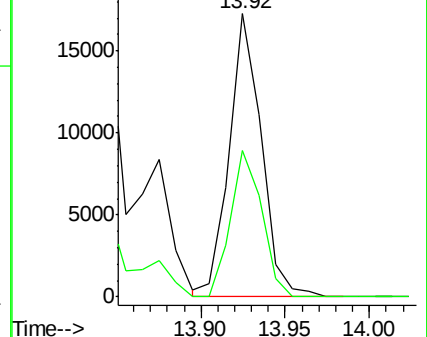
105 100

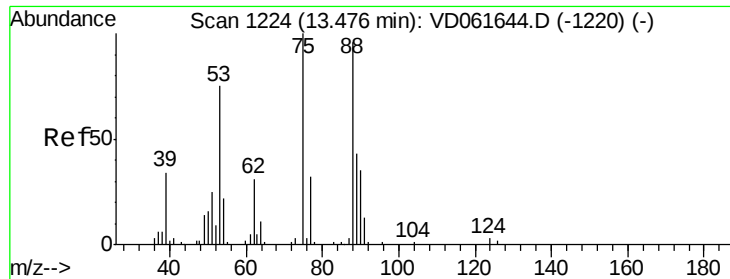
120 51.6 24.4 73.2



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: 122.120 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

ClientSampleId :

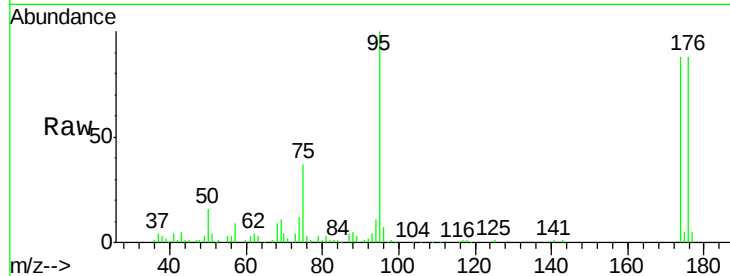
Tot Ion: 75 Resp: 47486

Ion Ratio Lower Upper

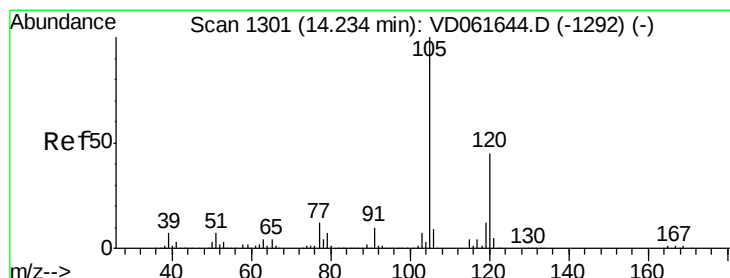
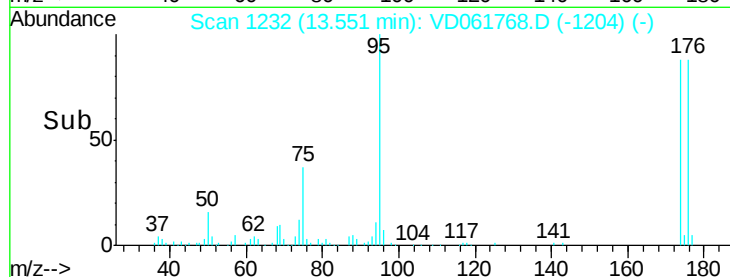
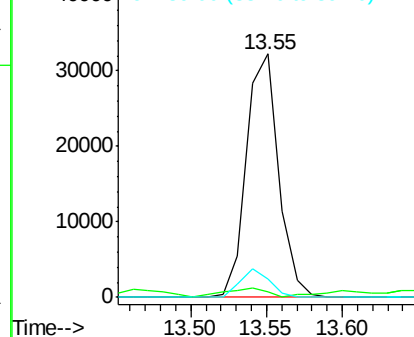
75 100

53 2.3 60.2 90.2#

89 7.4 34.2 51.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 13.911 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061768.D

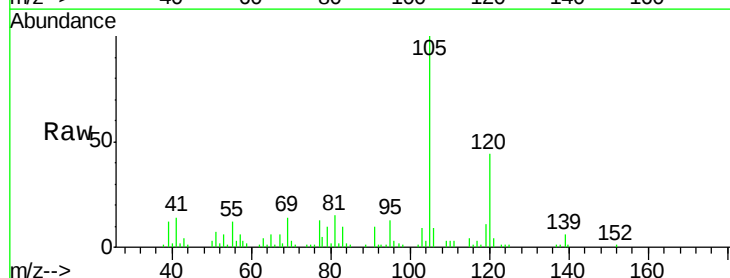
Acq: 12 Apr 2019 6:33

Tgt Ion:105 Resp: 69936

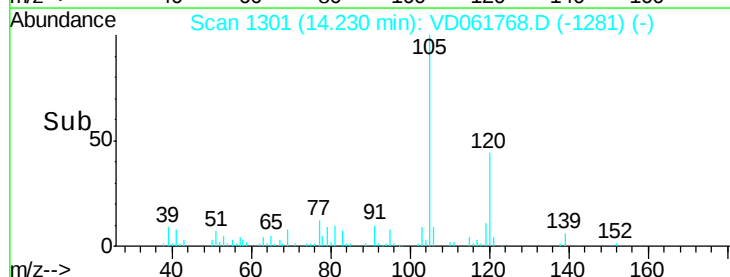
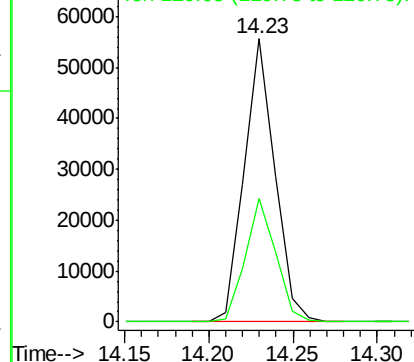
Ion Ratio Lower Upper

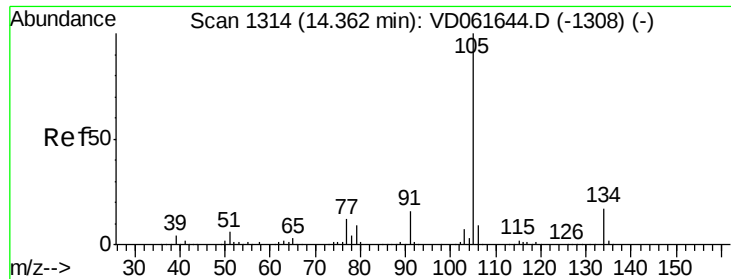
105 100

120 43.7 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 1.374 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

Instrument :

MSVOA_D

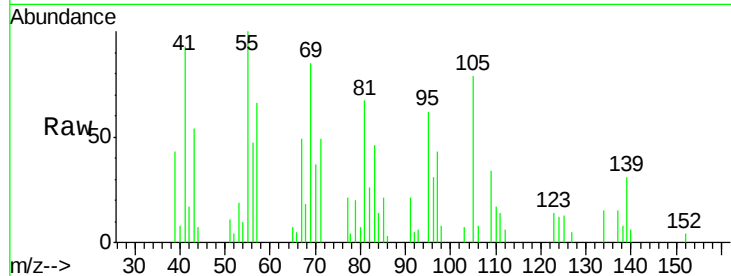
ClientSampleID :

Tot Ion:105 Resp: 8914

Ion Ratio Lower Upper

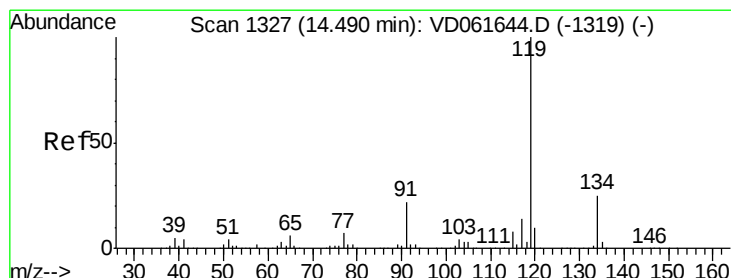
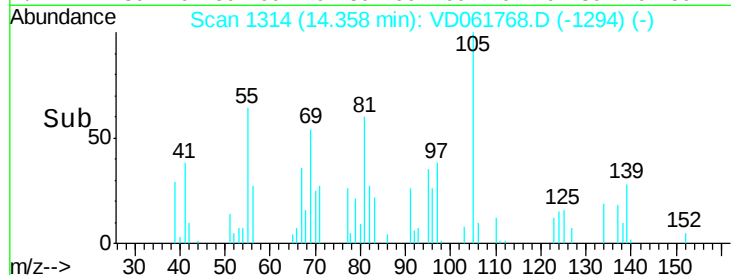
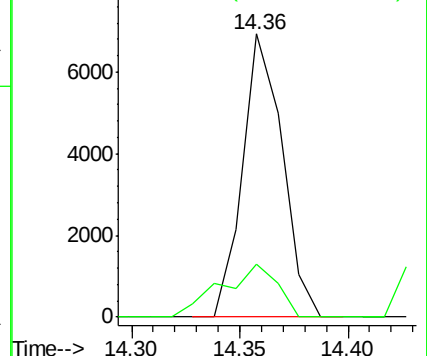
105 100

134 18.8 8.6 25.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 11.505 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD061768.D

Acq: 12 Apr 2019 6:33

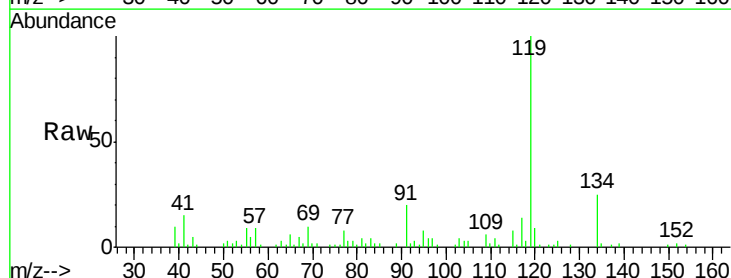
Tgt Ion:119 Resp: 64763

Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

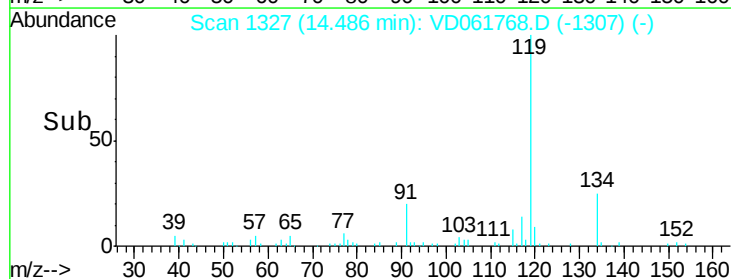
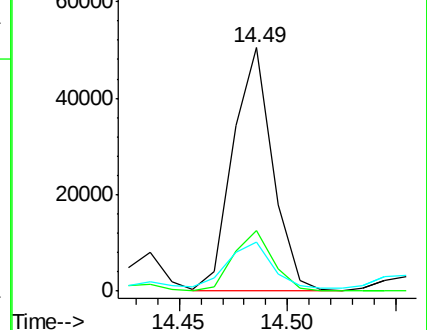
91 20.2 11.0 33.0

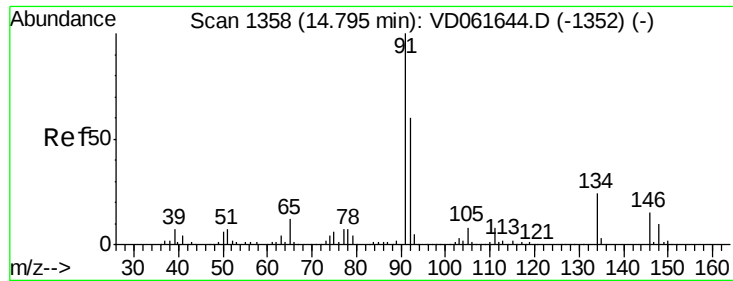


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

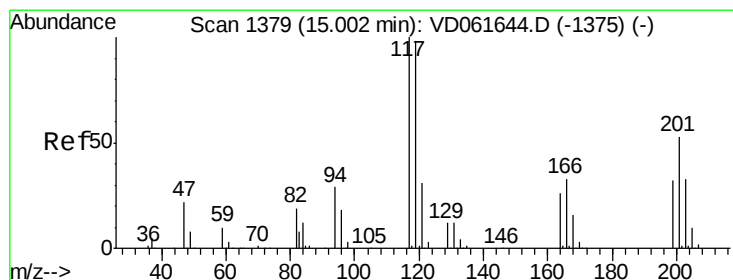
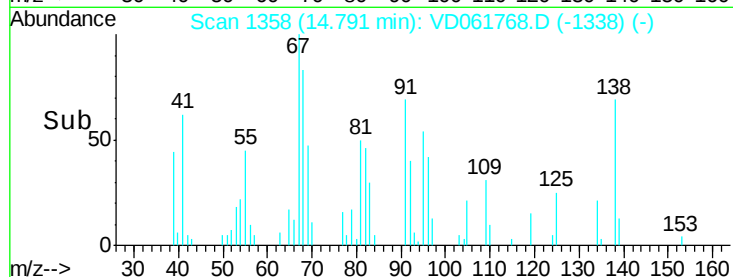
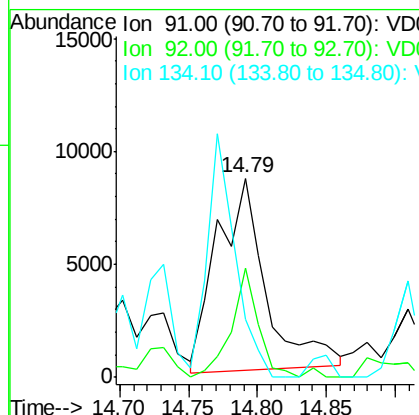
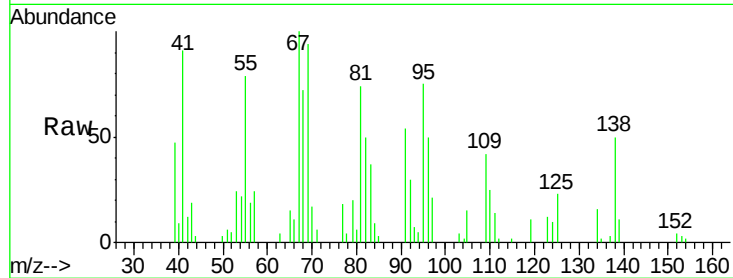




#89
n-Butylbenzene
Concen: 4.310 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

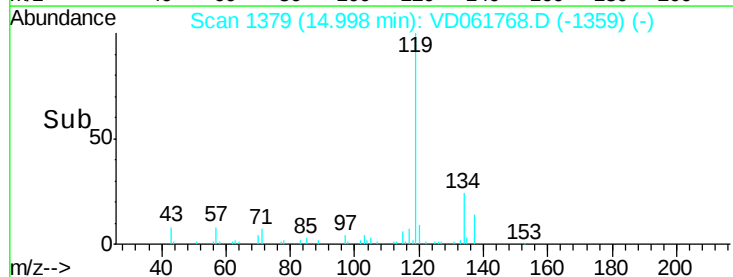
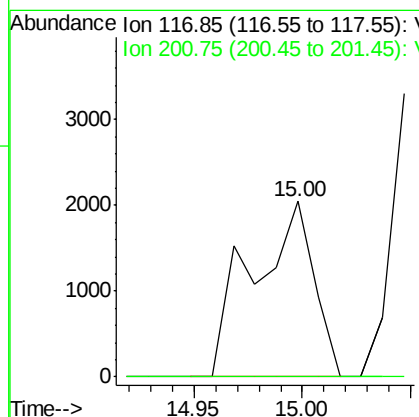
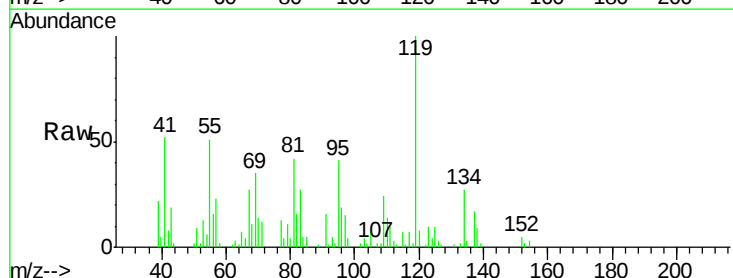
Instrument :
MSVOA_D
ClientSampleId :

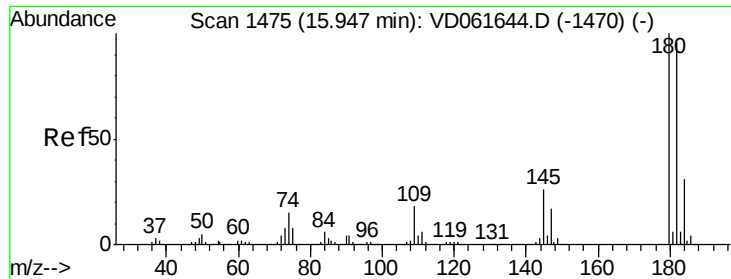
Tot Ion: 91 Resp: 21085
Ion Ratio Lower Upper
91 100
92 54.6 29.8 89.4
134 29.0 12.2 36.4



#90
Hexachloroethane
Concen: 2.650 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.00 min
Lab File: VD061768.D
Acq: 12 Apr 2019 6:33

Tgt Ion: 117 Resp: 4047
Ion Ratio Lower Upper
117 100
201 0.0 26.3 78.8#

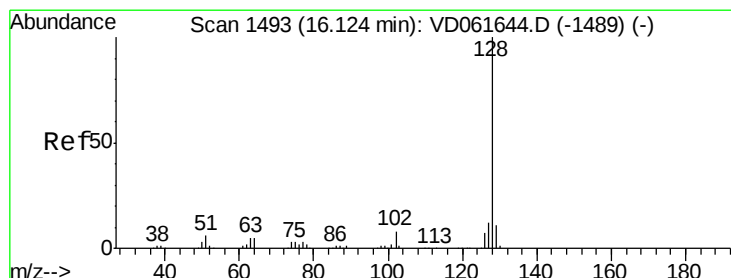
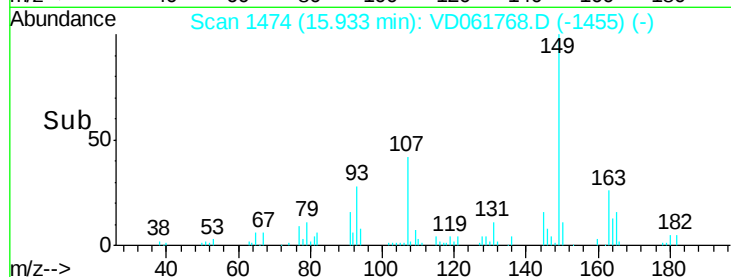
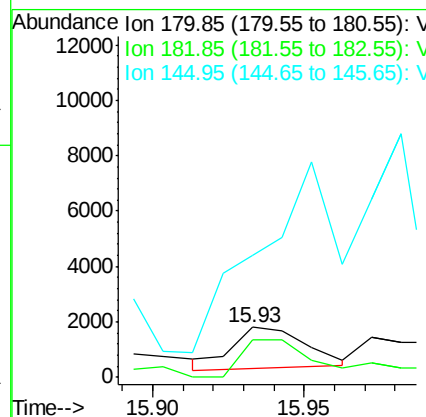
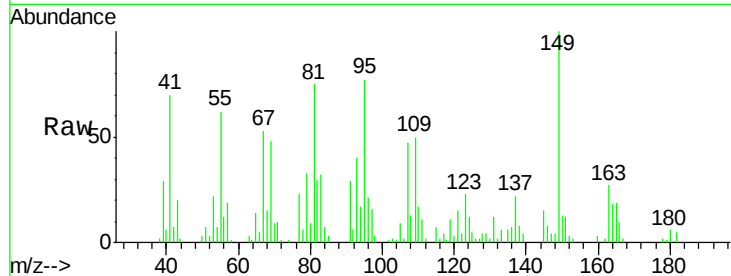




#93
 1,2,4-Trichlorobenzene
 Concen: 1.907 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD061768.D
 Acq: 12 Apr 2019 6:33

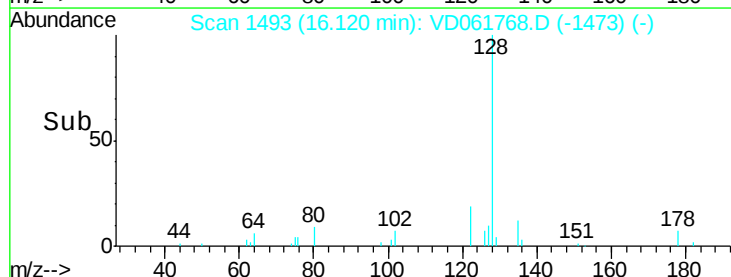
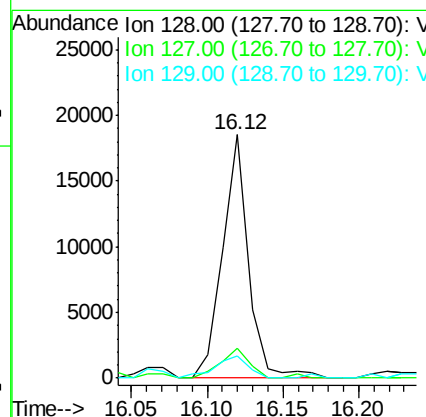
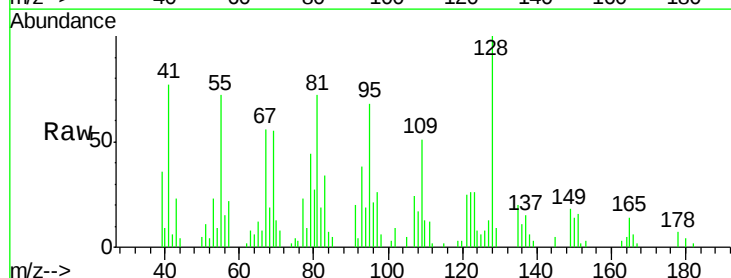
Instrument :
 MSVOA_D
 ClientSampleId :

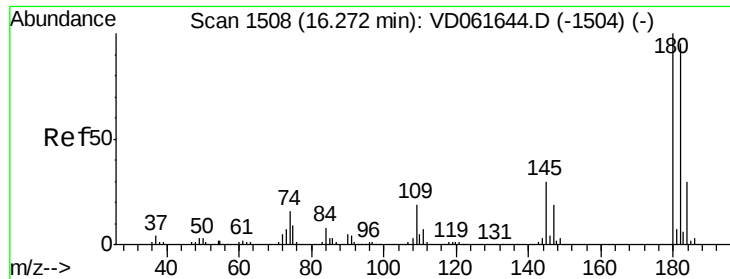
Tot Ion:180 Resp: 2510
 Ion Ratio Lower Upper
 180 100
 182 74.3 47.8 143.3
 145 242.4 13.3 39.8#



#95
 Naphthalene
 Concen: 10.683 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VD061768.D
 Acq: 12 Apr 2019 6:33

Tgt Ion:128 Resp: 22251
 Ion Ratio Lower Upper
 128 100
 127 12.5 9.4 14.2
 129 9.1 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 2.639 ug/l
 RT: 16.29 min Scan# 1510
 Delta R.T. 0.02 min
 Lab File: VD061768.D
 Acq: 12 Apr 2019 6:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 1734
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 53.9 15.1 45.3#

