

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059768.D
 Acq On : 14 Aug 2018 15:53
 Operator : VA/AP
 Sample : J4442-01
 Misc : 5.44g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 10:50:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

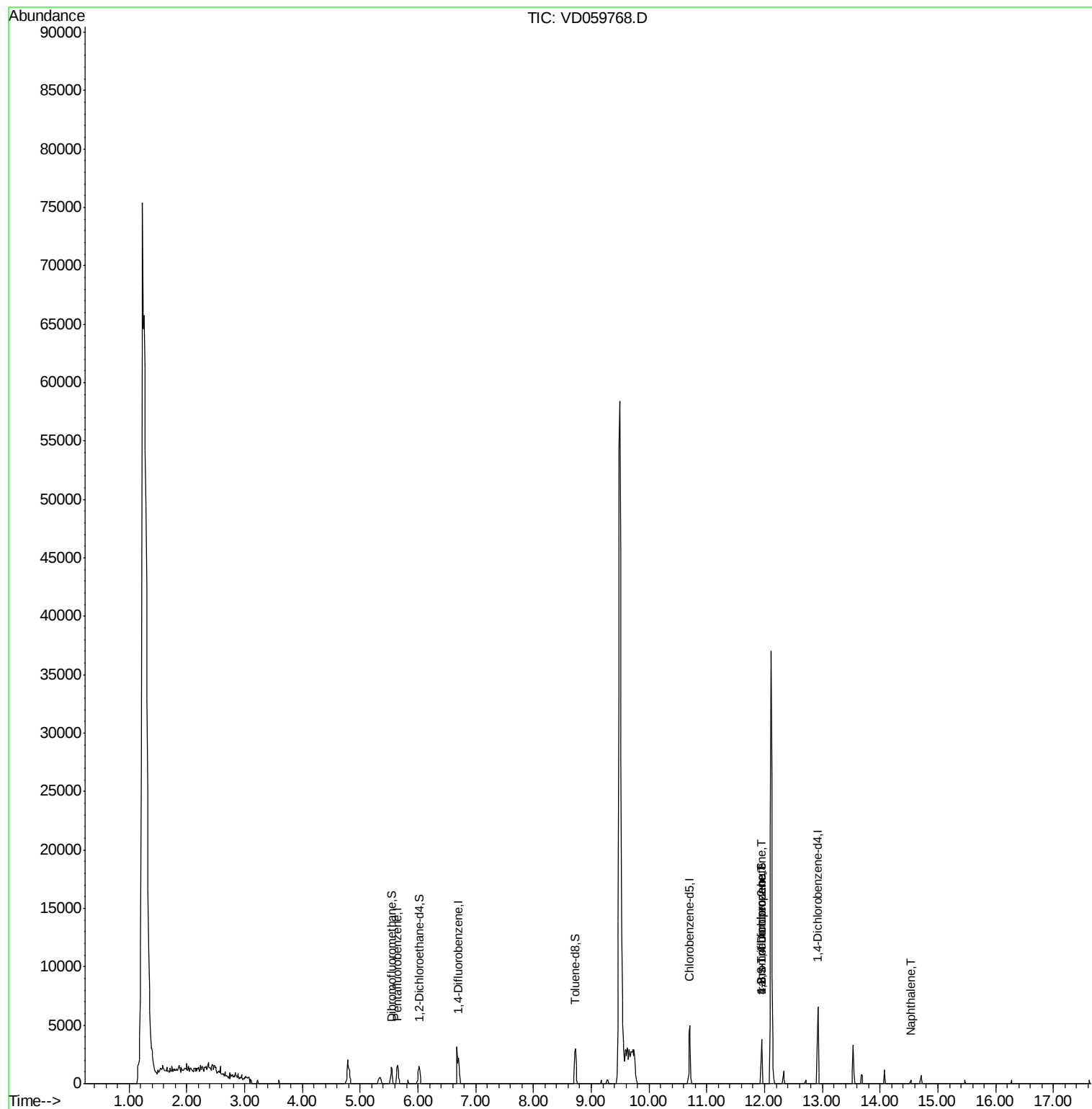
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	2382	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	4178	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.71	117	3745	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.93	152	2023	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	2158	57.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.76%	
35) Dibromofluoromethane	5.55	113	1298	30.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	60.34%	
50) Toluene-d8	8.73	98	3714	43.52	ug/l	0.03
Spiked Amount 50.000			Recovery	=	87.04%	
62) 4-Bromofluorobenzene	11.94	95	1551	36.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.48%	
Target Compounds						
76) 1,2,3-Trichloropropane	11.94	75	607	20.283	ug/l #	43
81) trans-1,4-Dichloro-2-buten	11.94	75	806	119.578	ug/l #	1
95) Naphthalene	14.53	128	187	2.533	ug/l #	69

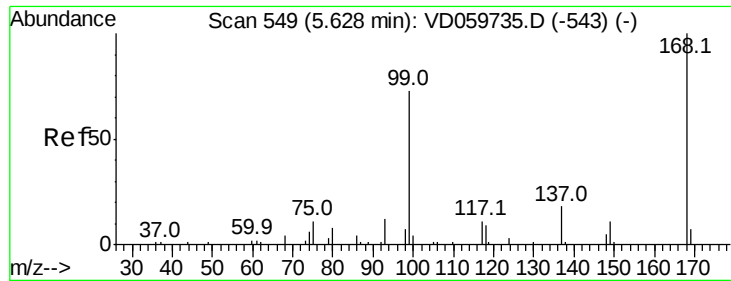
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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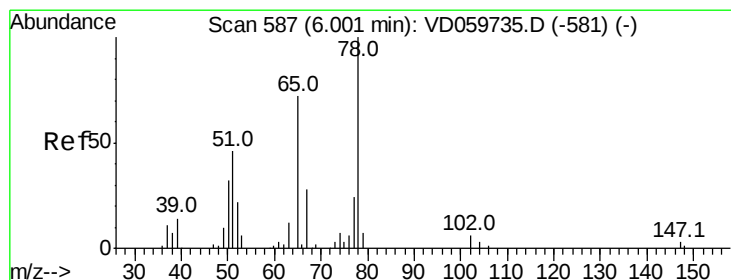
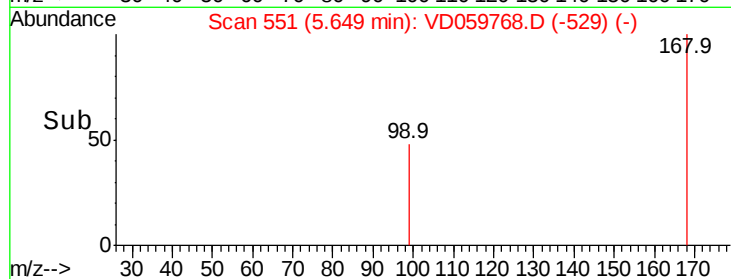
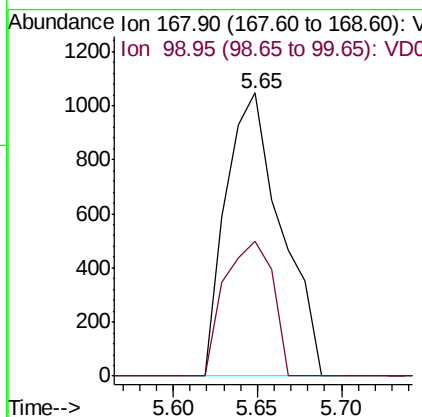
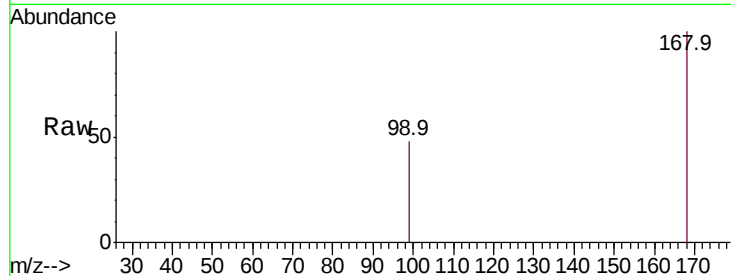




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. 0.02 min
Lab File: VD059768.D
Acq: 14 Aug 2018 15:53

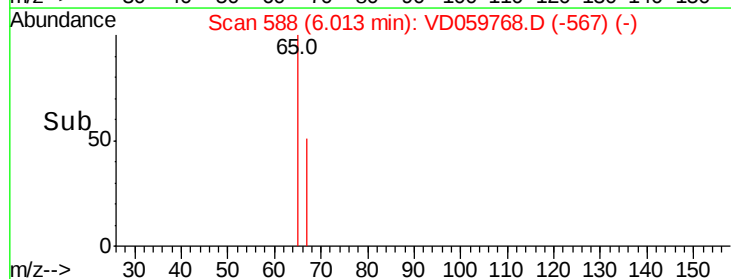
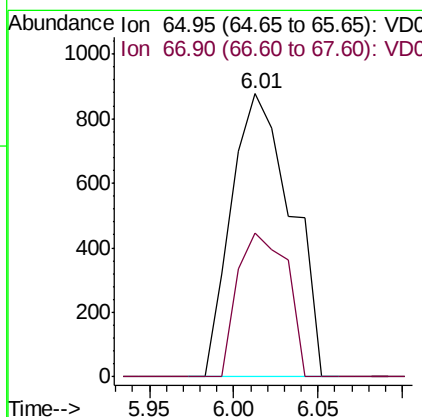
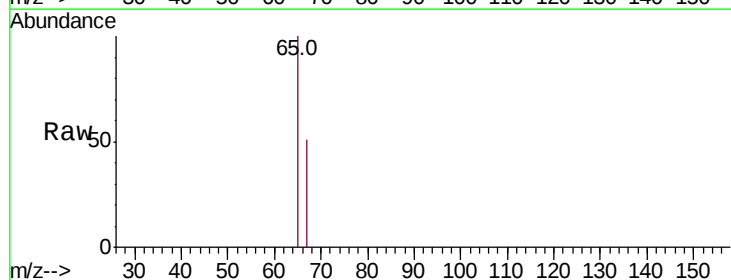
Instrument :
MSVOA_D
ClientSampleId :

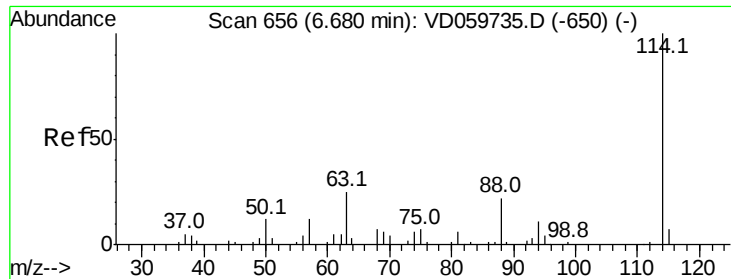
Tot Ion:168 Resp: 2382
Ion Ratio Lower Upper
168 100
99 47.9 61.4 92.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059768.D
Acq: 14 Aug 2018 15:53

Tgt Ion: 65 Resp: 2158
Ion Ratio Lower Upper
65 100
67 51.0 0.0 77.4

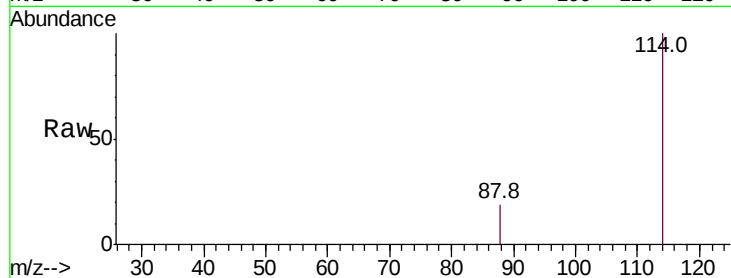




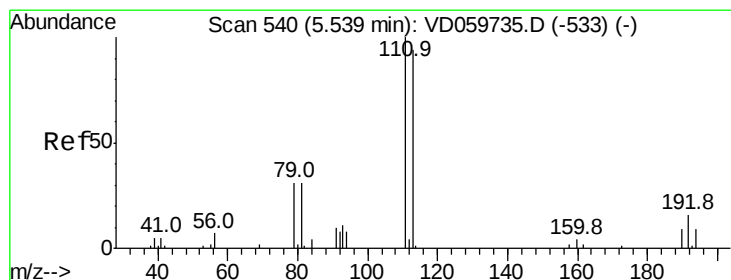
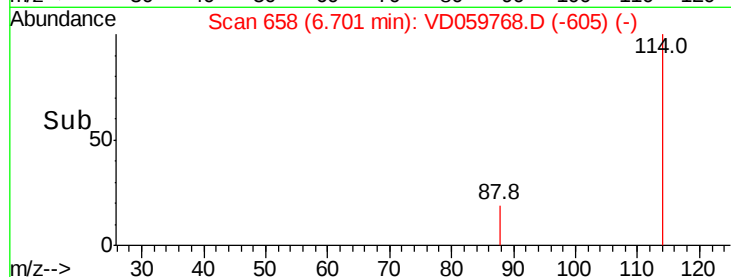
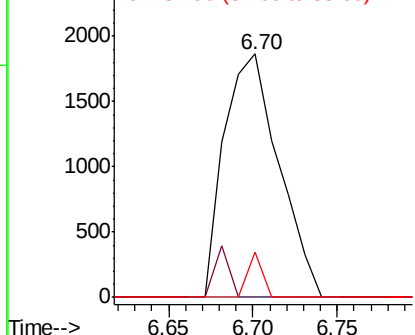
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD059768.D
 Acq: 14 Aug 2018 15:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 4178
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 50.6
 88 18.7 0.0 43.4

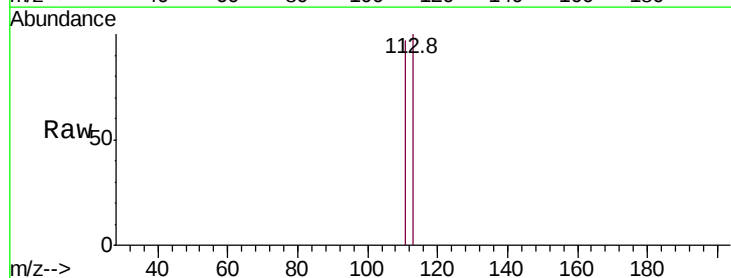


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

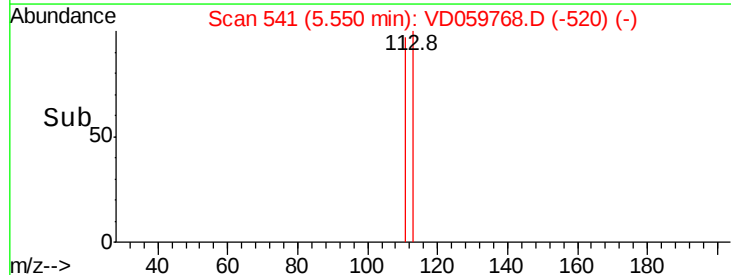
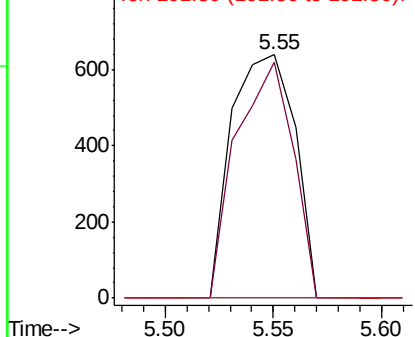


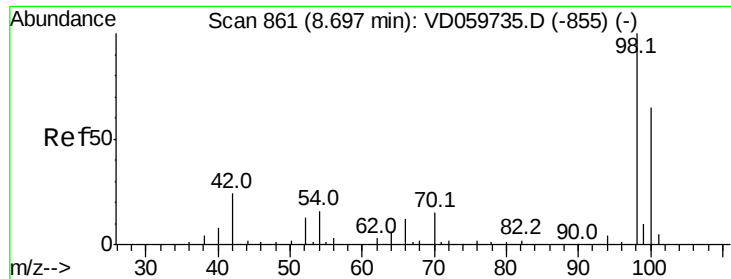
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD059768.D
 Acq: 14 Aug 2018 15:53

Tgt Ion:113 Resp: 1298
 Ion Ratio Lower Upper
 113 100
 111 96.7 85.3 127.9
 192 0.0 13.9 20.9#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.73 min Scan# 864

Delta R.T. 0.03 min

Lab File: VD059768.D

Acq: 14 Aug 2018 15:53

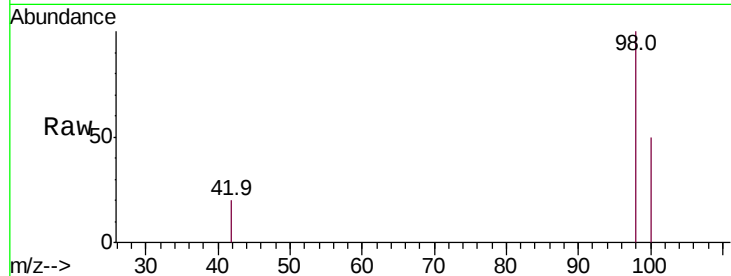
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 3714

Ion Ratio Lower Upper

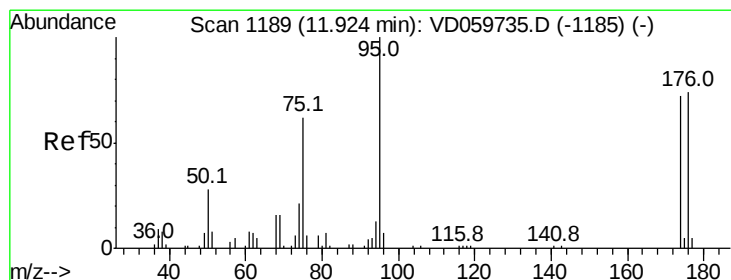
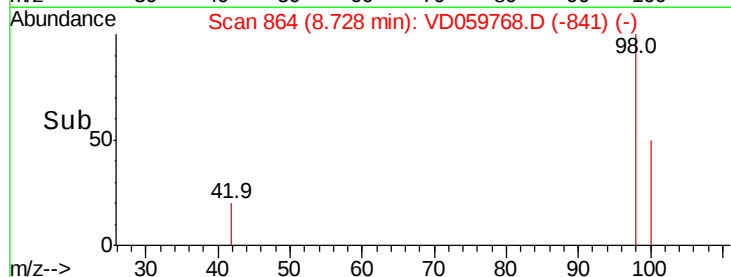
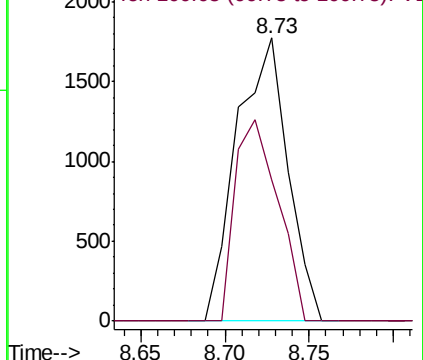
98 100

100 49.9 52.2 78.2#



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1191

Delta R.T. 0.02 min

Lab File: VD059768.D

Acq: 14 Aug 2018 15:53

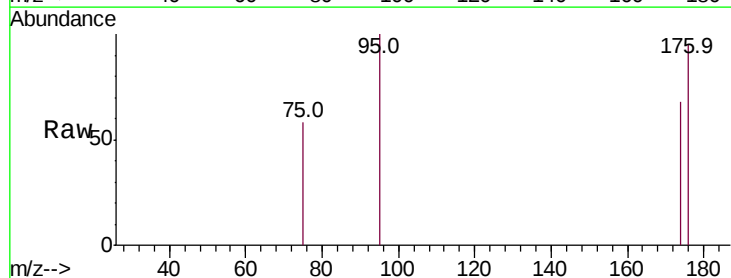
Tgt Ion: 95 Resp: 1551

Ion Ratio Lower Upper

95 100

174 68.5 0.0 143.2

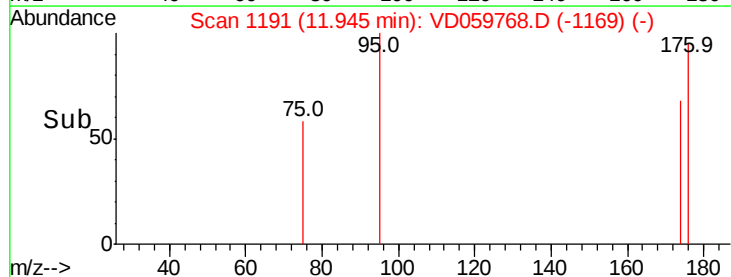
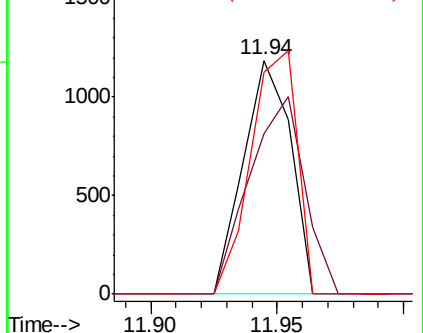
176 94.9 0.0 147.2

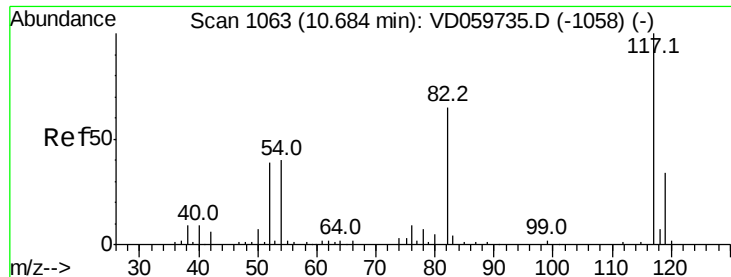


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

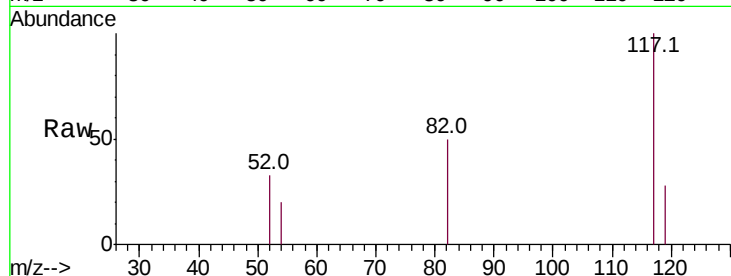




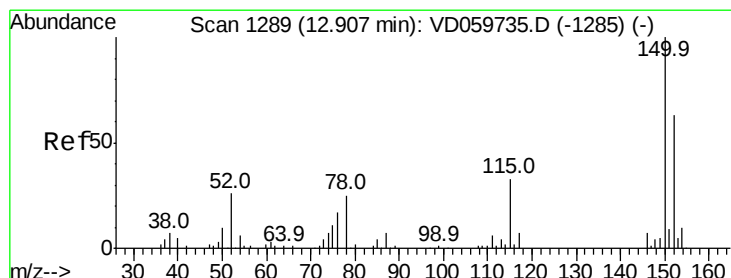
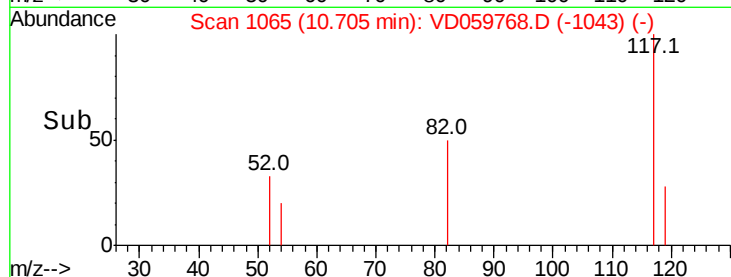
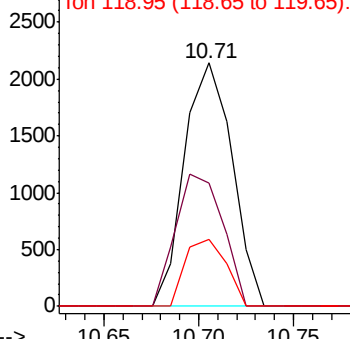
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.71 min Scan# 1065
Delta R.T. 0.02 min
Lab File: VD059768.D
Acq: 14 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 3745
Ion Ratio Lower Upper
117 100
82 50.5 51.9 77.9#
119 27.6 27.4 41.0

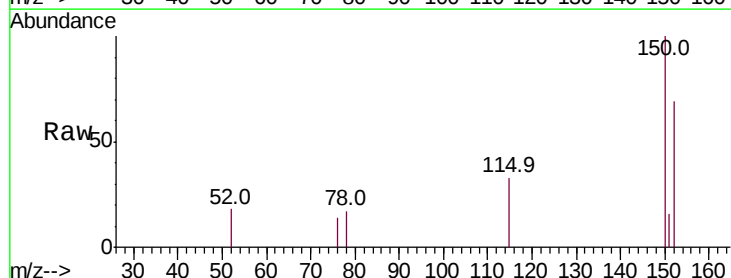


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

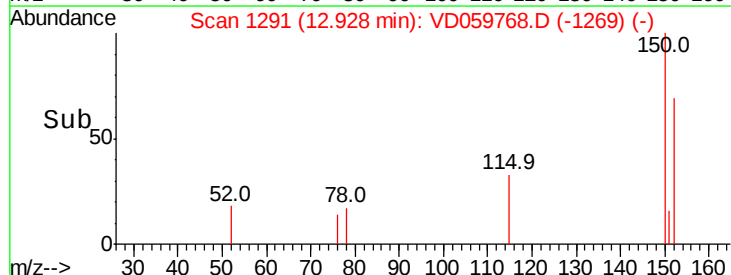
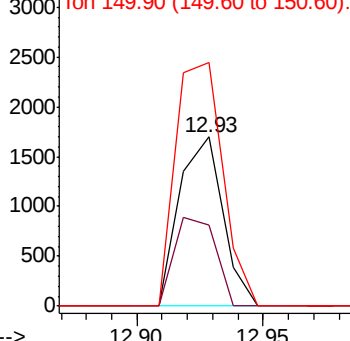


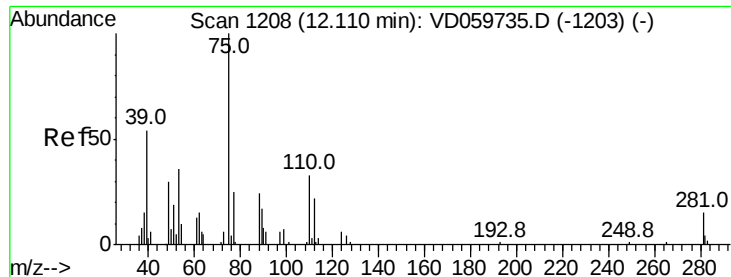
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.93 min Scan# 1291
Delta R.T. 0.02 min
Lab File: VD059768.D
Acq: 14 Aug 2018 15:53

Tgt Ion:152 Resp: 2023
Ion Ratio Lower Upper
152 100
115 47.8 29.8 89.3
150 144.2 0.0 320.4



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





#76

1,2,3-Trichloropropane

Concen: 20.283 ug/l

RT: 11.94 min Scan# 1191

Delta R.T. -0.17 min

Lab File: VD059768.D

Acq: 14 Aug 2018 15:53

Instrument :

MSVOA_D

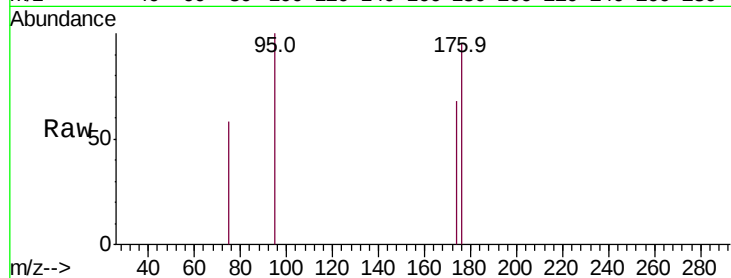
ClientSampleId :

Tot Ion: 75 Resp: 607

Ion Ratio Lower Upper

75 100

77 0.0 16.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

11.94

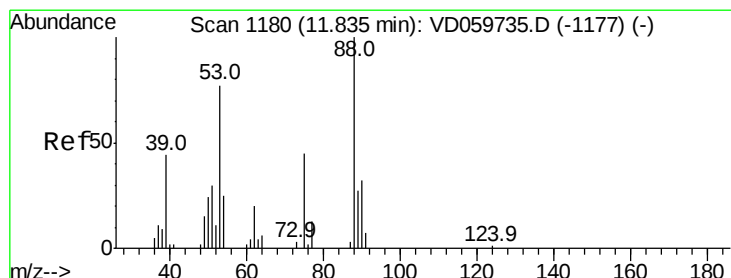
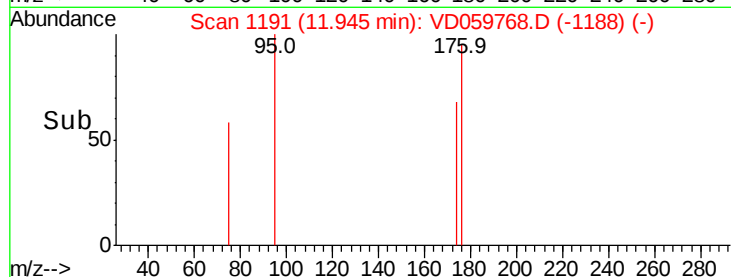
600

400

200

0

Time--> 11.92 11.94 11.96 11.98



#81

trans-1,4-Dichloro-2-butene

Concen: 119.578 ug/l

RT: 11.94 min Scan# 1191

Delta R.T. 0.11 min

Lab File: VD059768.D

Acq: 14 Aug 2018 15:53

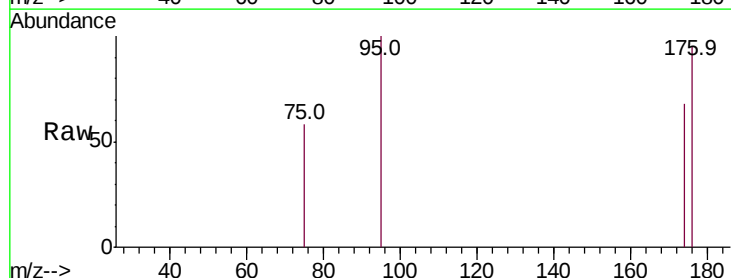
Tgt Ion: 75 Resp: 806

Ion Ratio Lower Upper

75 100

53 0.0 137.5 206.3#

89 0.0 48.3 72.5#



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

800

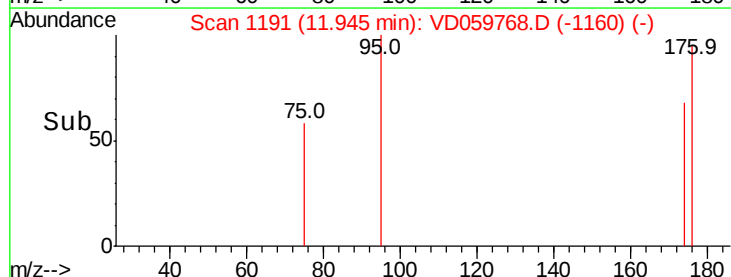
600

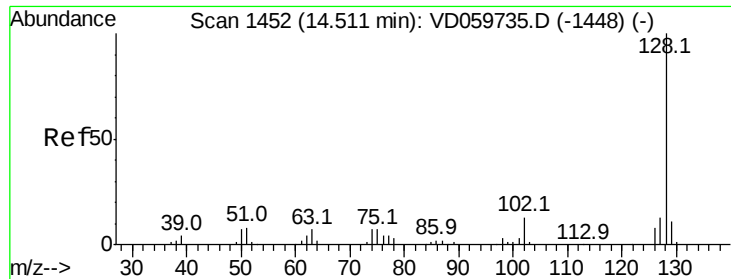
400

200

0

Time--> 11.90 11.95





#95

Naphthalene

Concen: 2.533 ug/l

RT: 14.53 min Scan# 1454

Delta R.T. 0.02 min

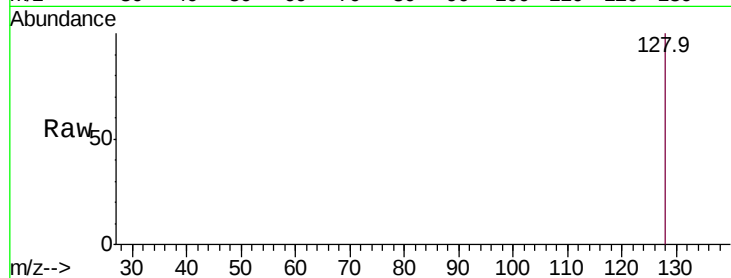
Lab File: VD059768.D

Acq: 14 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :



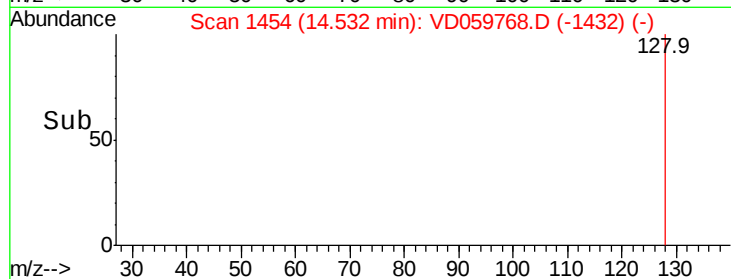
Tot Ion:128 Resp: 187

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

