

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059629.D
 Acq On : 30 Jul 2018 20:11
 Operator : VA/AP
 Sample : J4180-01RE
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-1RE

Quant Time: Jul 31 05:53:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	139582	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	169302	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	127160	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	56880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	96780	55.15	ug/l	0.01
Spiked Amount			Recovery	=	110.30%	
35) Dibromofluoromethane	5.52	113	81788	56.32	ug/l	0.01
Spiked Amount			Recovery	=	112.64%	
50) Toluene-d8	8.69	98	160680	48.77	ug/l	0.01
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.92	95	66132	44.57	ug/l	0.01
Spiked Amount			Recovery	=	89.14%	

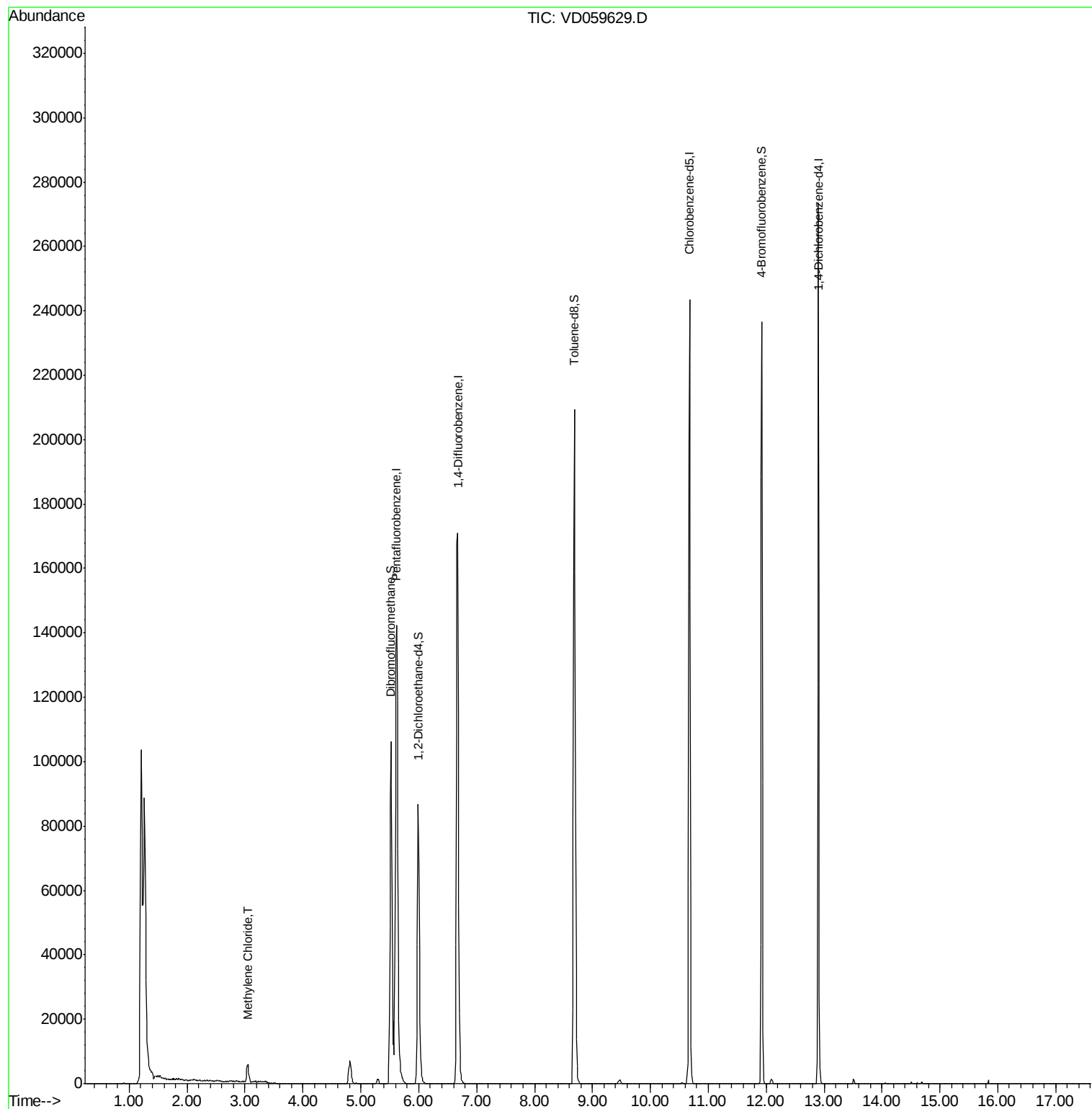
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.04	84	2767	3.66	ug/l	93

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

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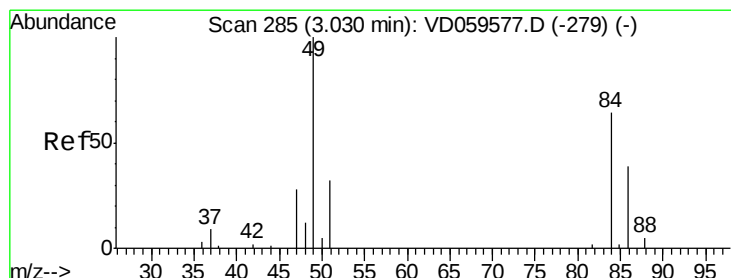
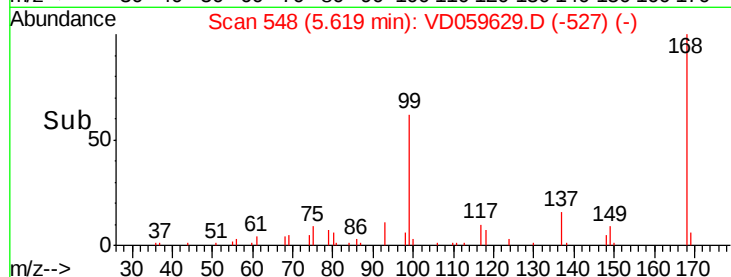
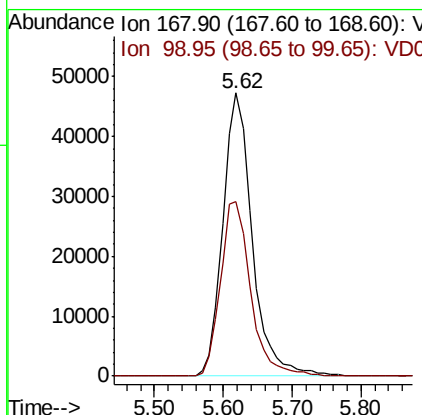
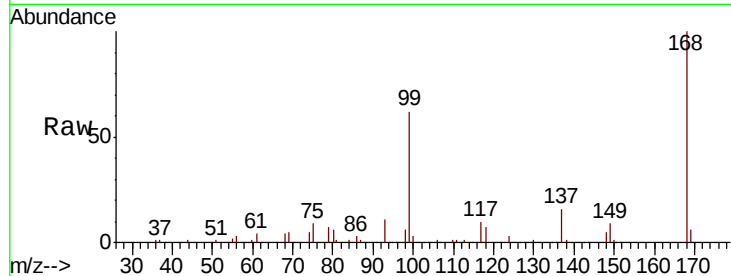




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

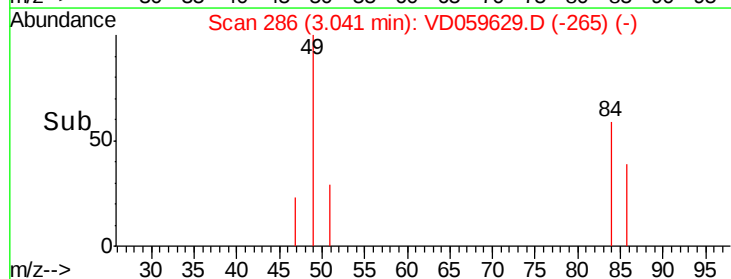
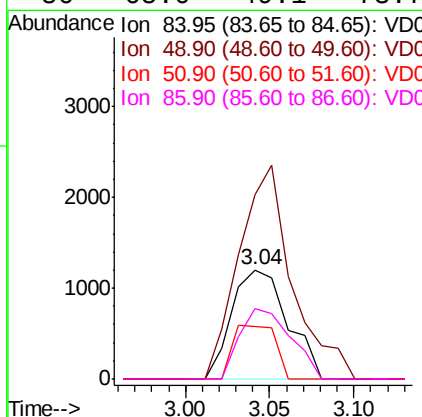
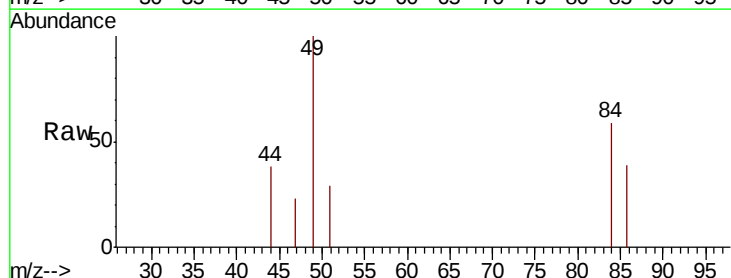
Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-1RE

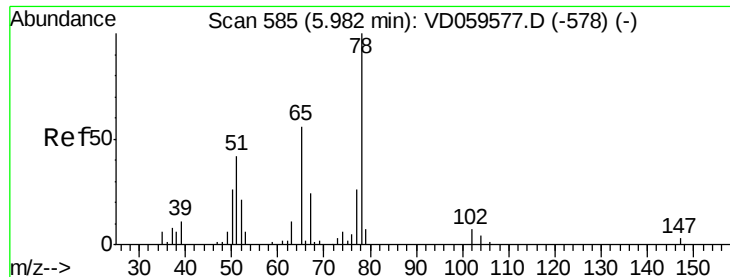
Tot Ion:168 Resp: 139582
Ion Ratio Lower Upper
168 100
99 61.7 47.3 70.9



#20
Methylene Chloride
Concen: 3.66 ug/l
RT: 3.04 min Scan# 286
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 84 Resp: 2767
Ion Ratio Lower Upper
84 100
49 168.8 125.4 188.2
51 48.8 39.7 59.5
86 65.0 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.01 min

Lab File: VD059629.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_D

ClientSampleId :

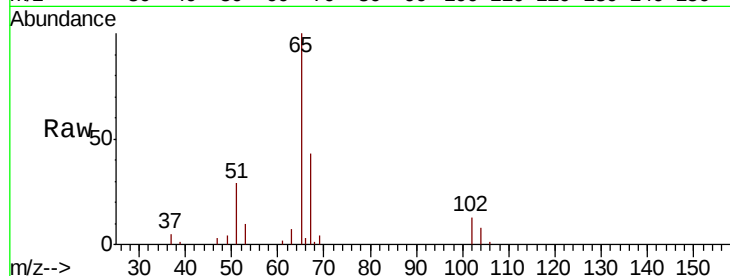
GS-PIT-1RE

Tot Ion: 65 Resp: 96780

Ion Ratio Lower Upper

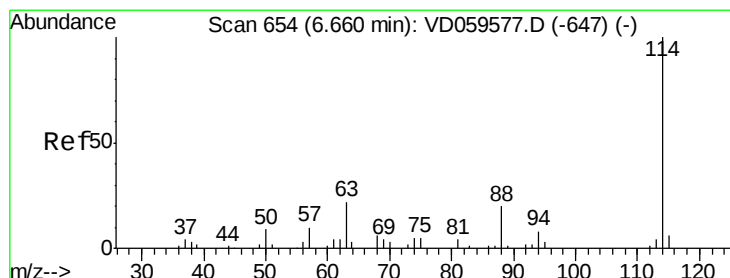
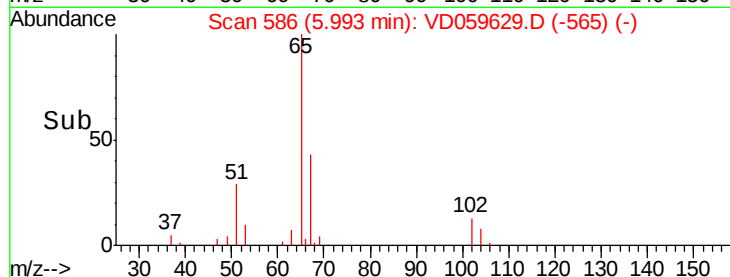
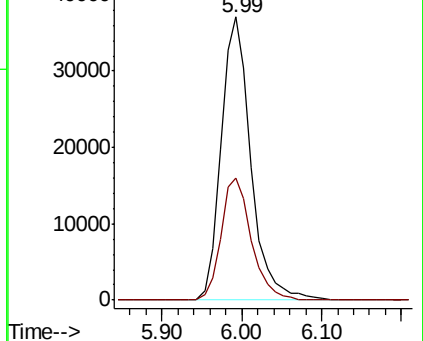
65 100

67 43.3 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059629.D

Acq: 30 Jul 2018 20:11

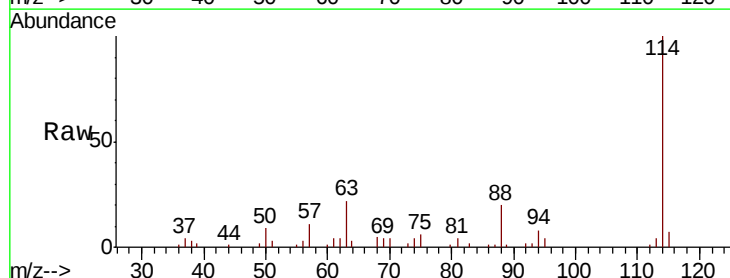
Tgt Ion: 114 Resp: 169302

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

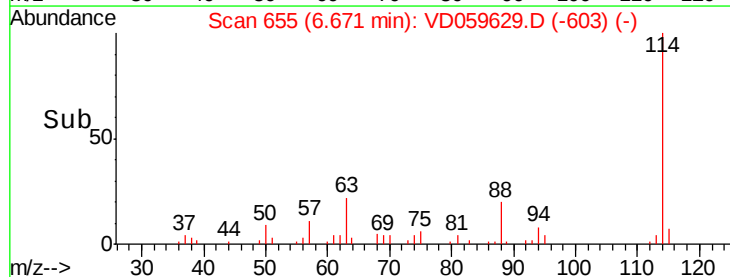
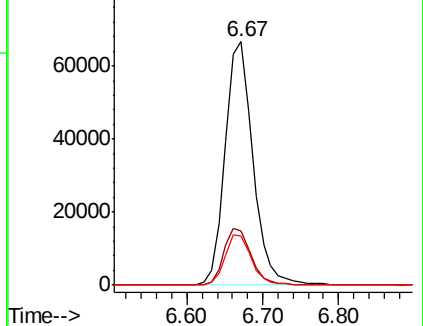
88 20.2 0.0 39.0

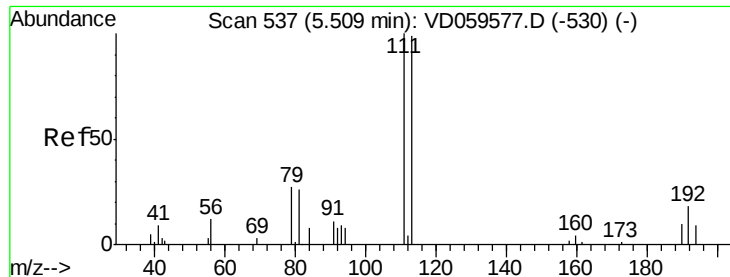


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

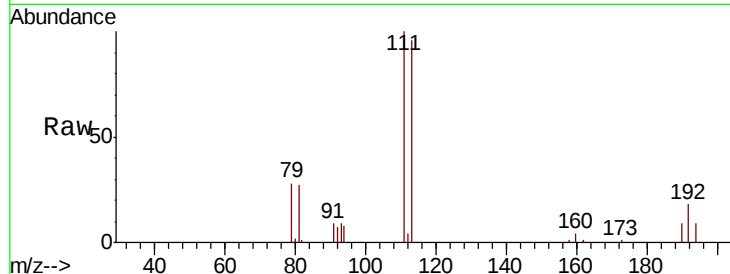




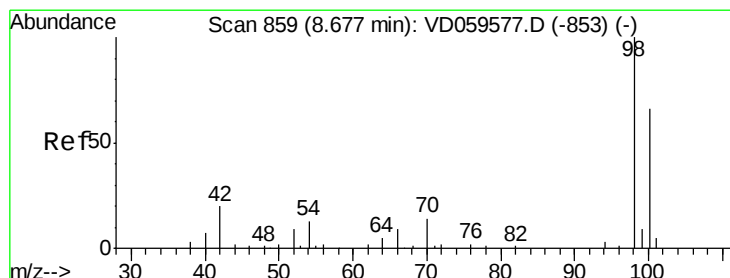
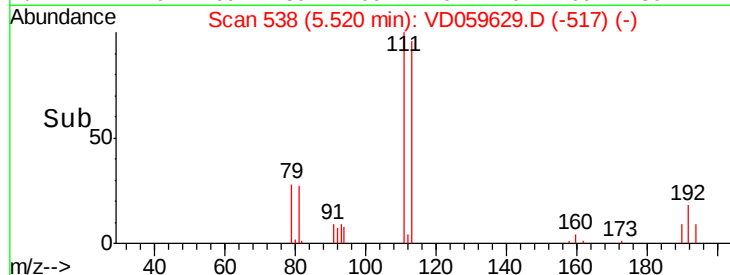
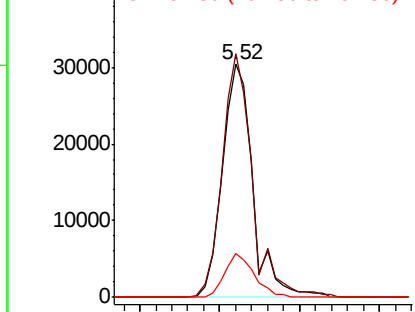
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VD059629.D
 Acq: 30 Jul 2018 20:11

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-1RE

Tot Ion:113 Resp: 81788
 Ion Ratio Lower Upper
 113 100
 111 104.5 80.5 120.7
 192 18.6 14.5 21.7

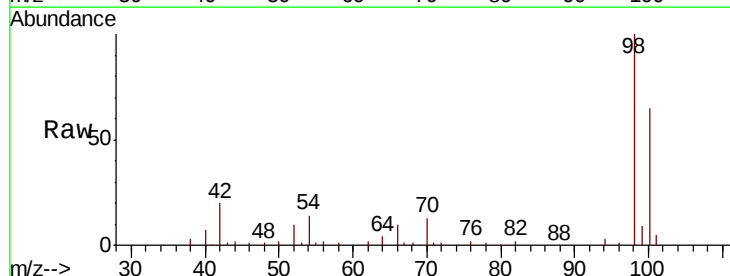


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

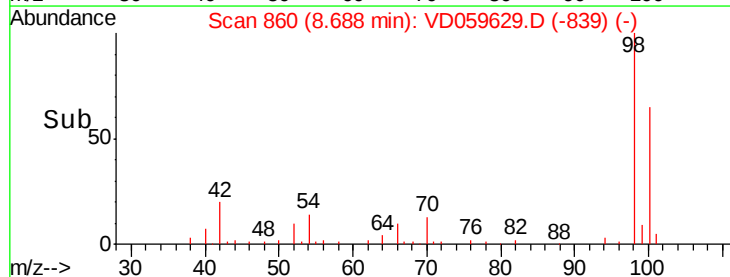
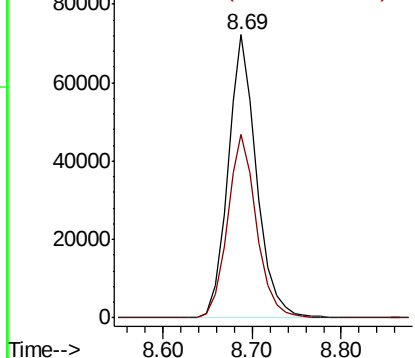


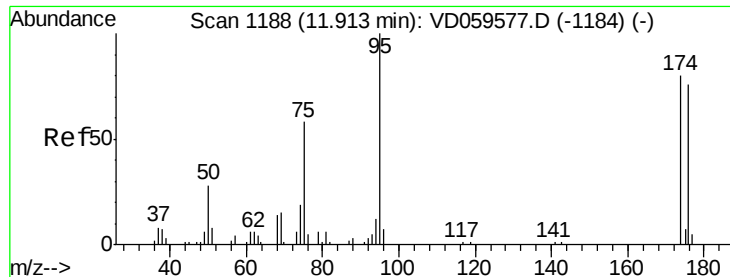
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: VD059629.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 98 Resp: 160680
 Ion Ratio Lower Upper
 98 100
 100 64.8 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VD

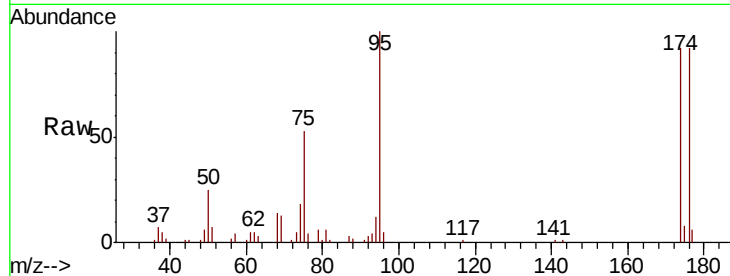




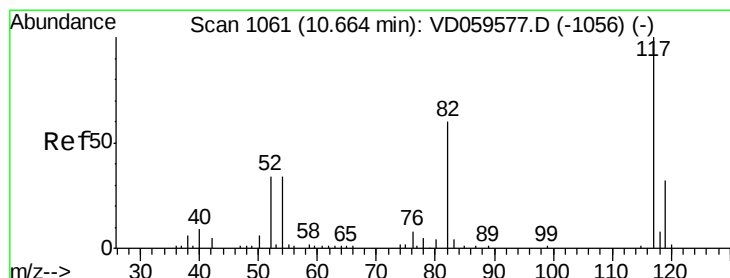
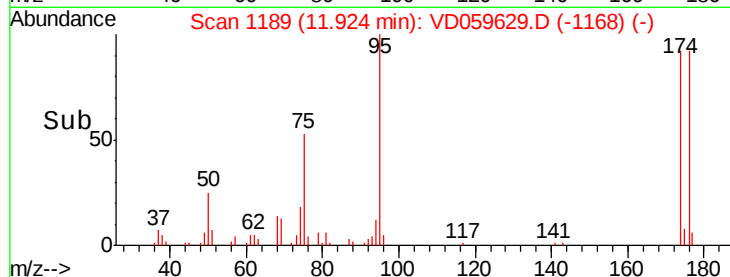
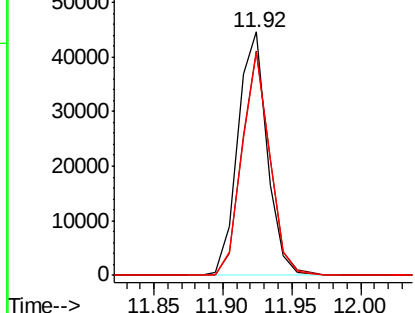
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-1RE

Tot Ion: 95 Resp: 66132
Ion Ratio Lower Upper
95 100
174 92.1 0.0 160.6
176 91.9 0.0 152.8

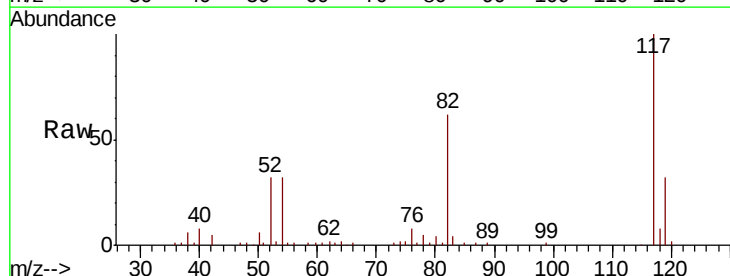


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

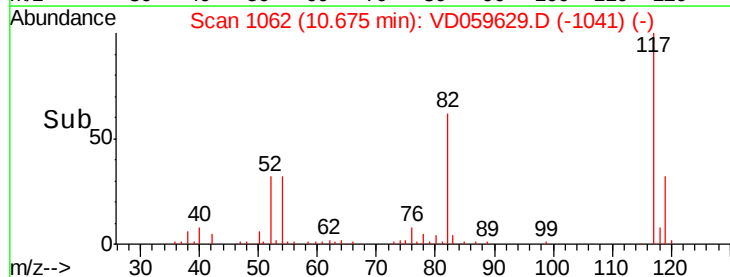
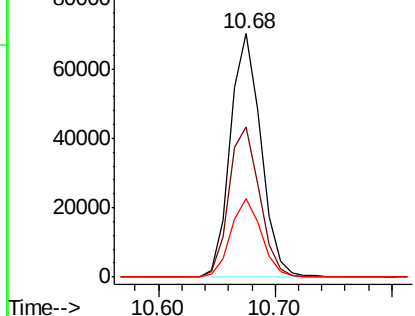


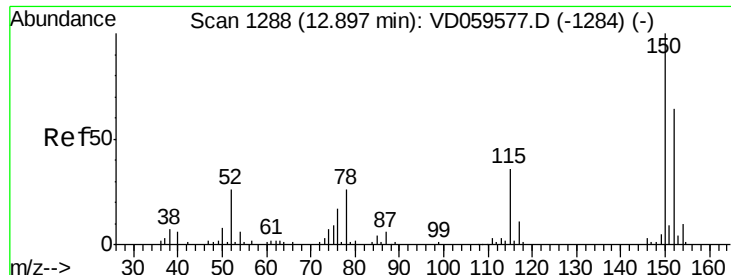
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 117 Resp: 127160
Ion Ratio Lower Upper
117 100
82 61.5 48.2 72.2
119 32.4 25.4 38.2



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

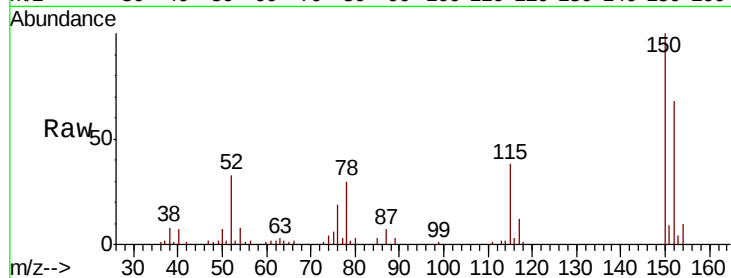




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VD059629.D
 Acq: 30 Jul 2018 20:11

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-1RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	29.5	88.6
150	146.4	0.0	314.4



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

