

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 05:18:03 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 50.000			Recovery	=	110.30%	
35) Dibromofluoromethane	5.52	113	81788	56.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.64%	
50) Toluene-d8	8.69	98	160680	48.77	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.92	95	66132	44.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.14%	

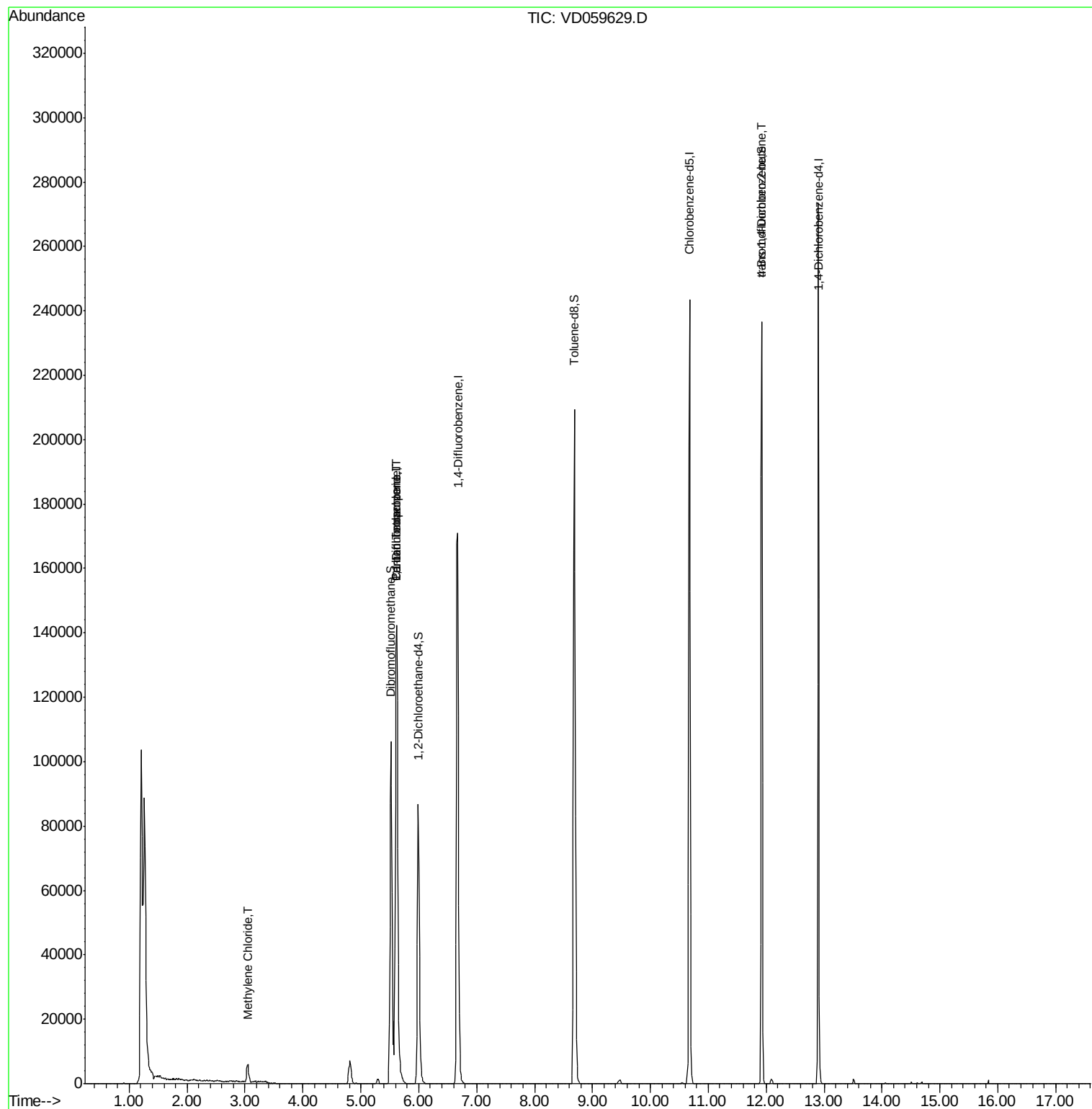
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.04	84	2767	3.66	ug/l	93
31) Cyclohexane	5.62	56	3107	Below Cal	#	1
36) 1,1-Dichloropropene	5.61	75	12133	7.14	ug/l	# 50
38) Carbon Tetrachloride	5.61	117	13795	5.93	ug/l	# 14
81) trans-1,4-Dichloro-2-buten	11.92	75	34988	145.49	ug/l	# 1

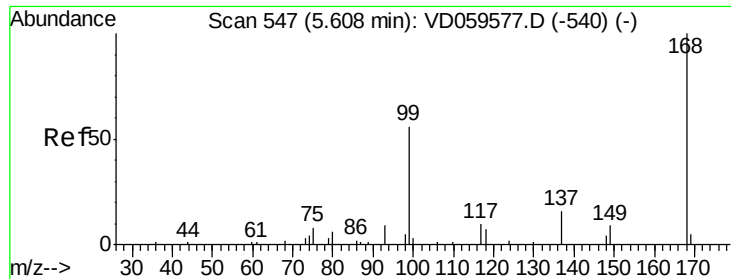
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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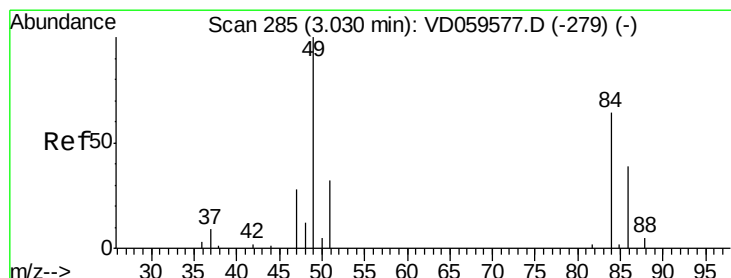
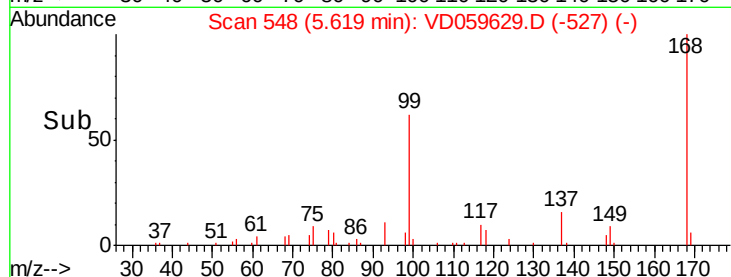
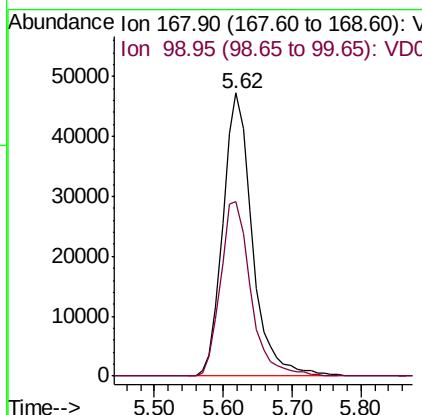
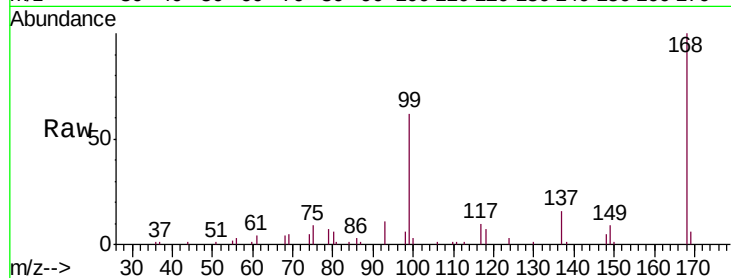




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

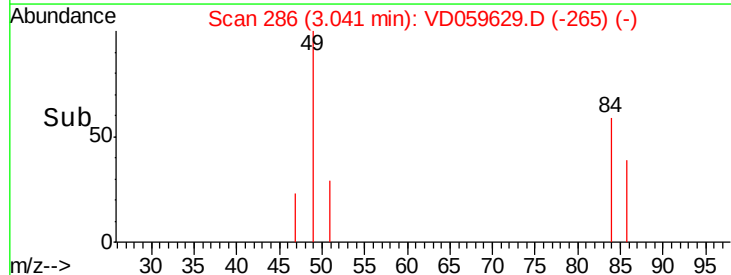
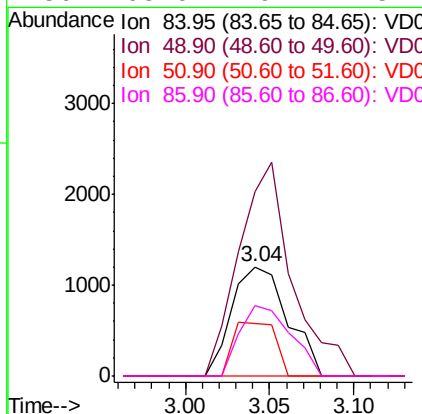
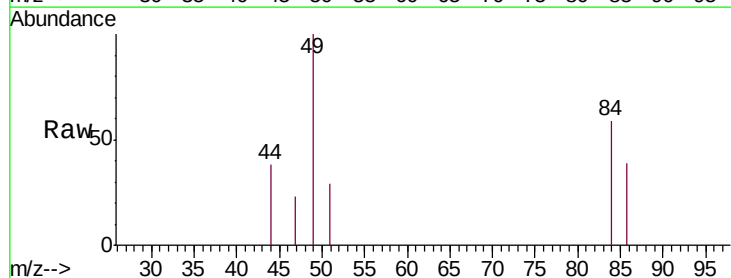
Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-1RE

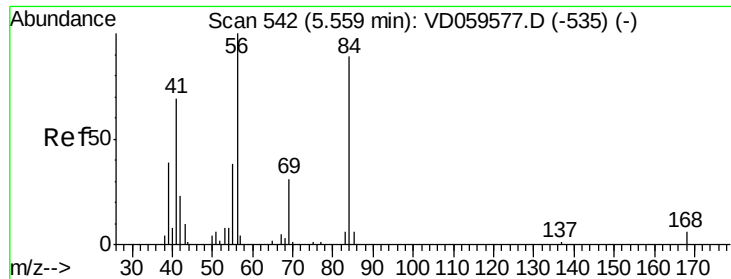
Tot Ion:168 Resp: 139582
Ion Ratio Lower Upper
168 100
99 61.7 47.3 70.9



#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

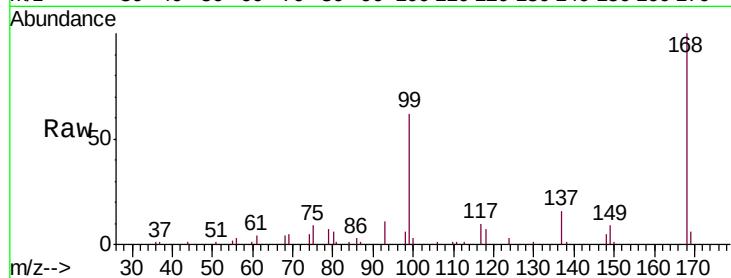




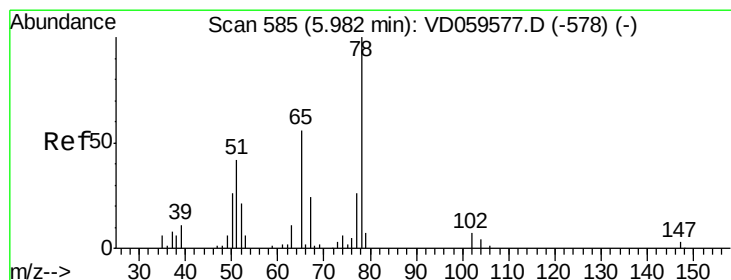
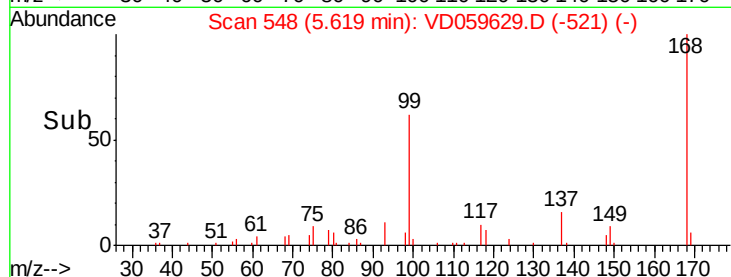
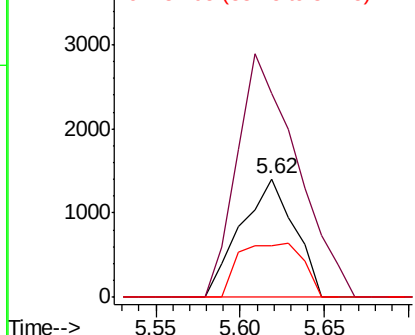
#31
Cyclohexane
Concen: Below Cal
RT: 5.62 min Scan# 548
Delta R.T. 0.06 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-1RE

Tot Ion: 56 Resp: 3107
Ion Ratio Lower Upper
56 100
69 172.0 24.6 37.0#
84 43.2 72.7 109.1#

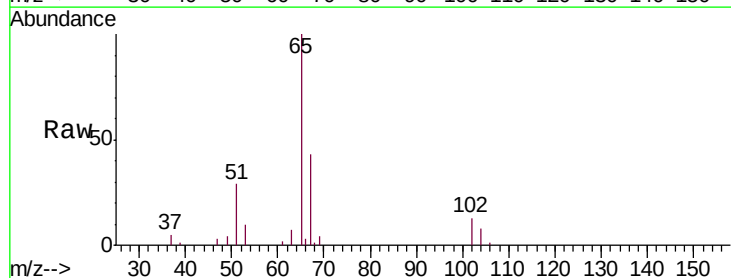


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

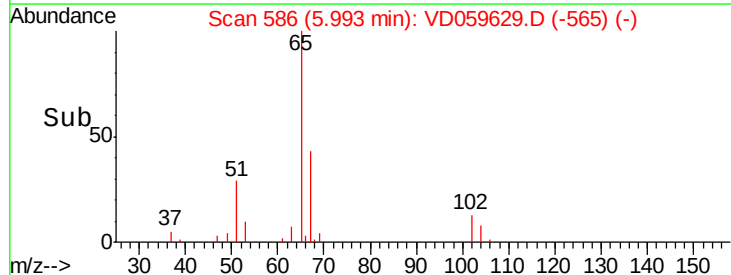
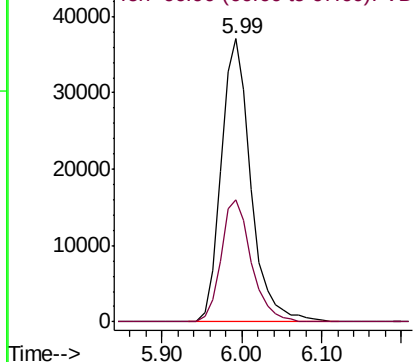


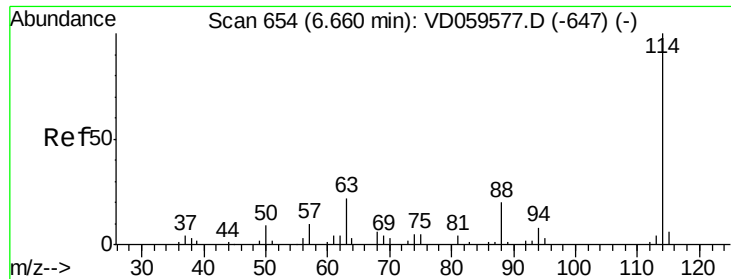
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Tgt 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

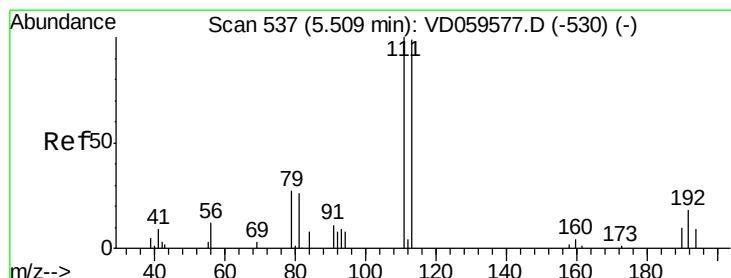
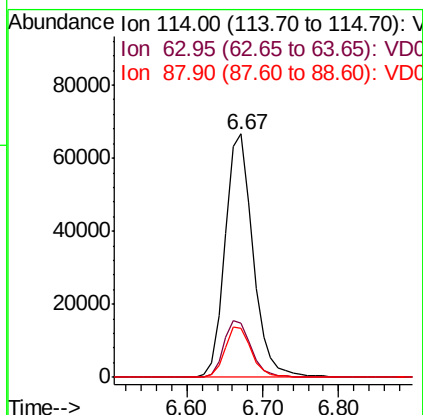
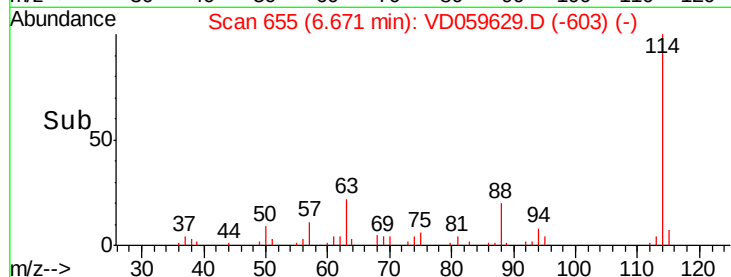
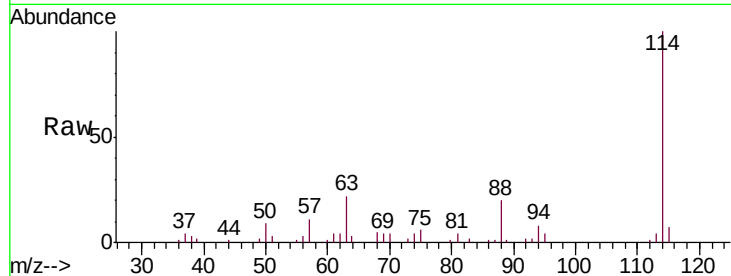




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059629.D
 Acq: 30 Jul 2018 20:11

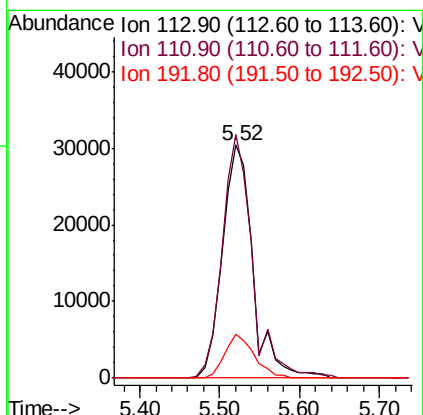
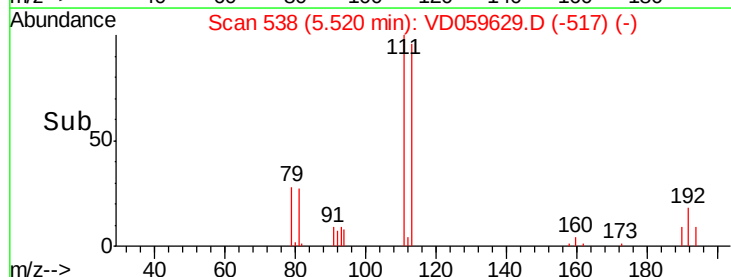
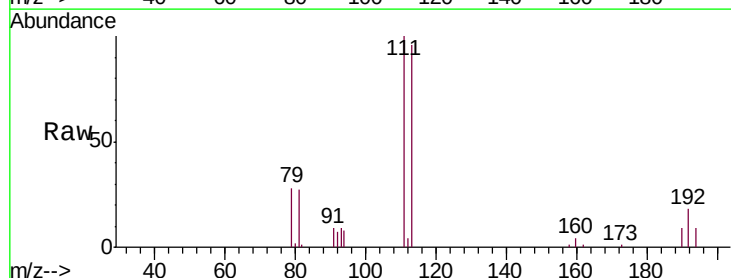
Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-1RE

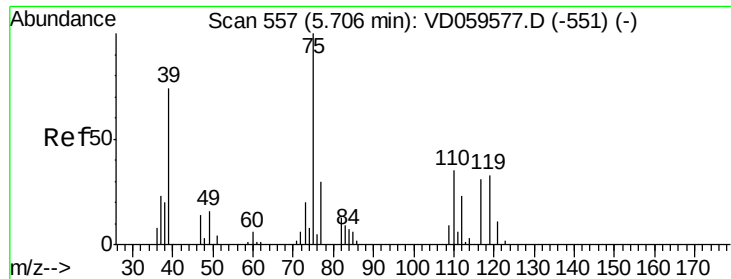
Tot Ion:114 Resp: 169302
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 20.2 0.0 39.0



#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

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

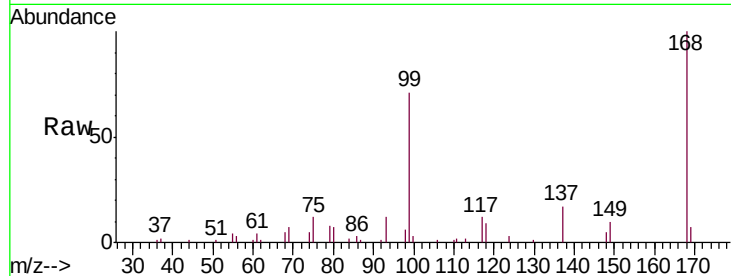




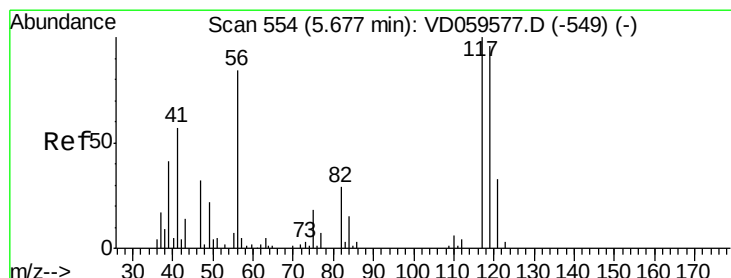
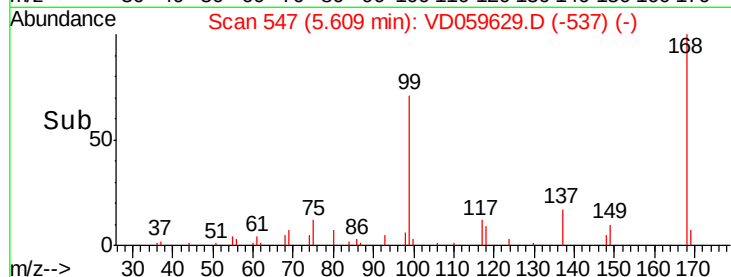
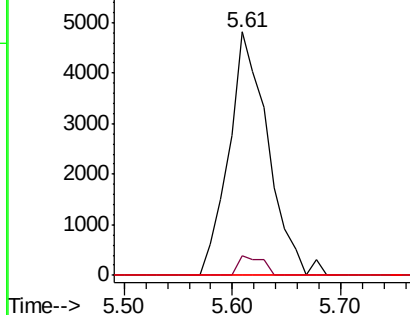
#36
 1,1-Dichloropropene
 Concen: 7.14 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. -0.10 min
 Lab File: VD059629.D
 Acq: 30 Jul 2018 20:11

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-1RE

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.0	50.9#
77	0.0	23.6	35.4#

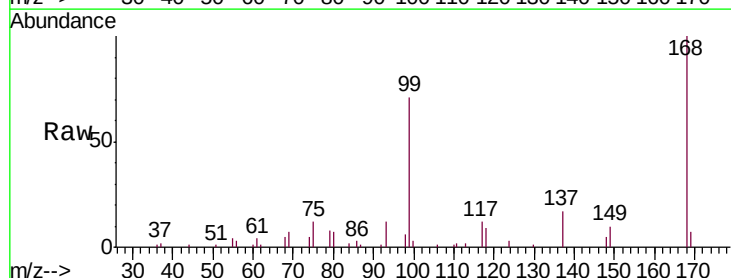


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

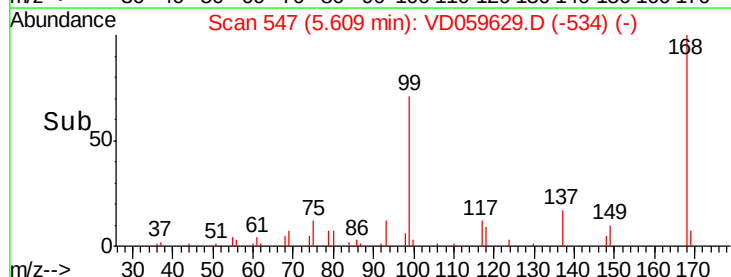
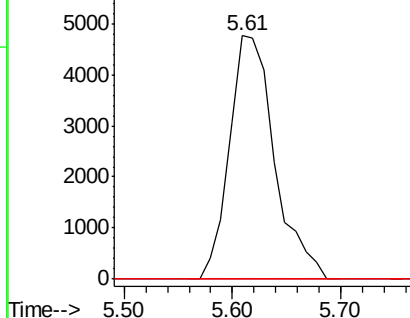


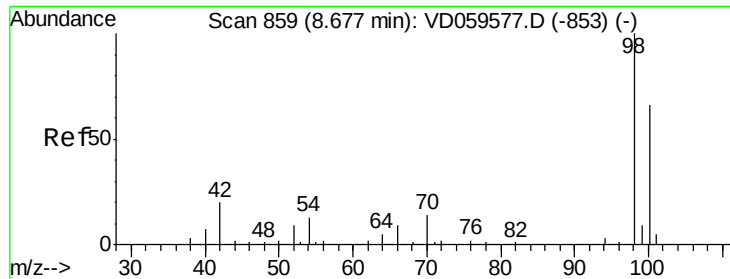
#38
 Carbon Tetrachloride
 Concen: 5.93 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. -0.07 min
 Lab File: VD059629.D
 Acq: 30 Jul 2018 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.6	110.4#
121	0.0	25.0	37.6#



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

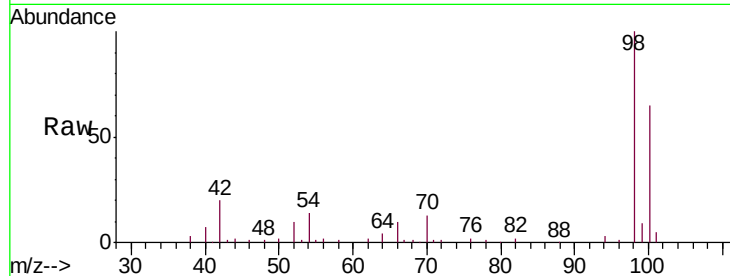




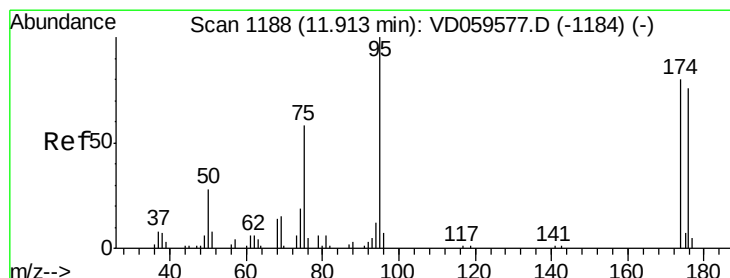
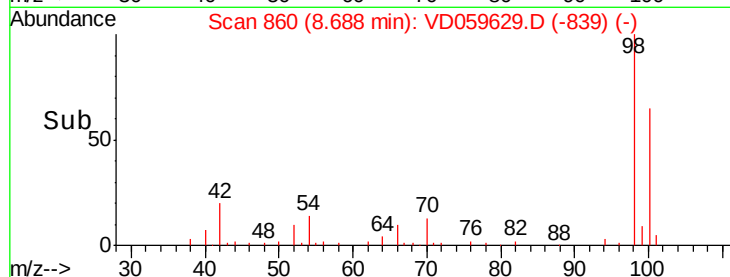
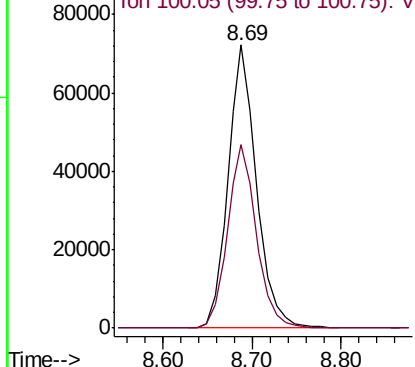
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-1RE

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

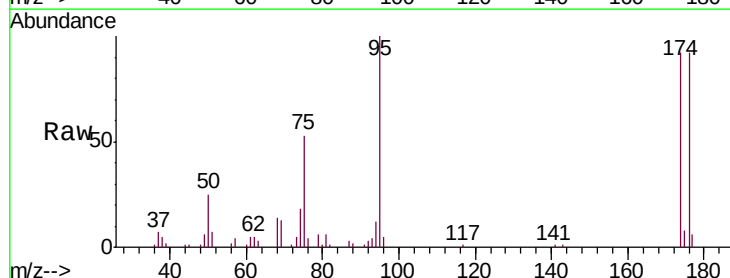


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

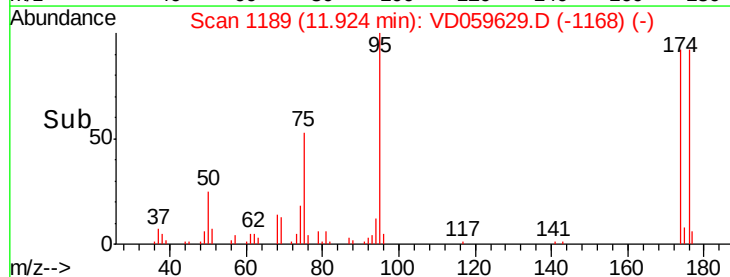
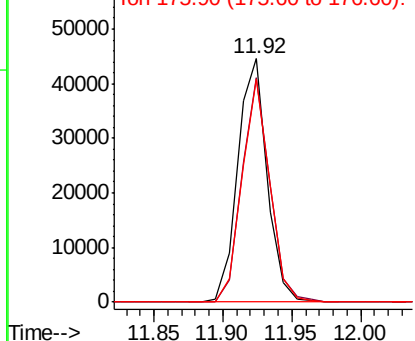


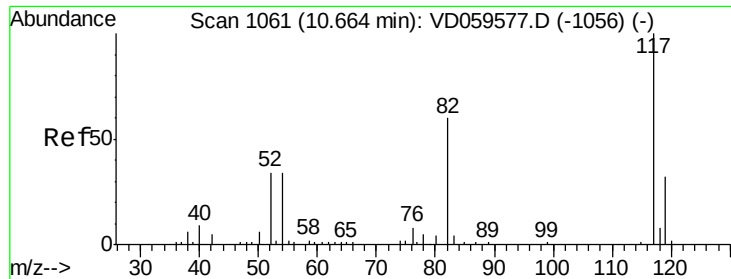
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Tgt 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): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

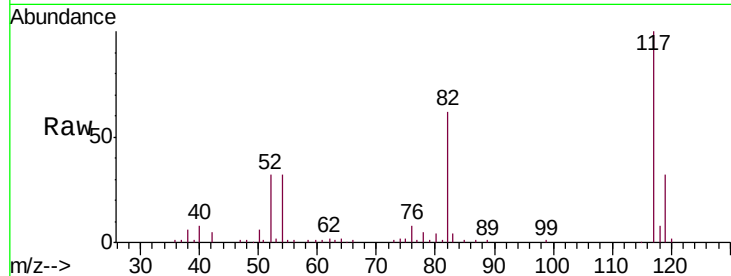




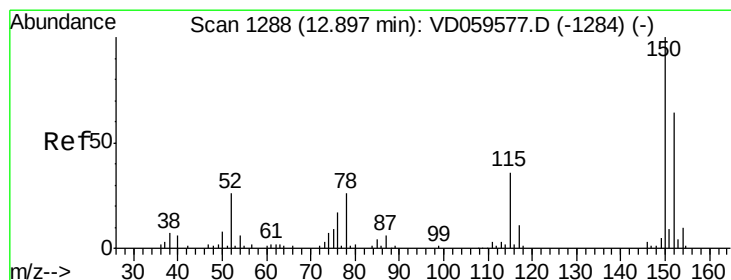
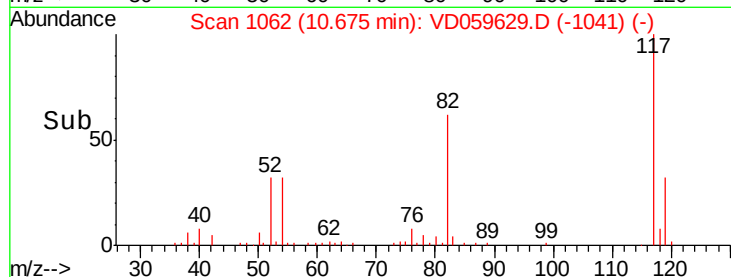
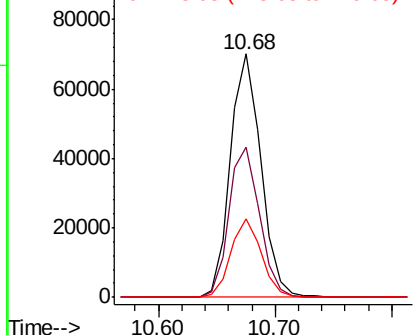
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-1RE

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

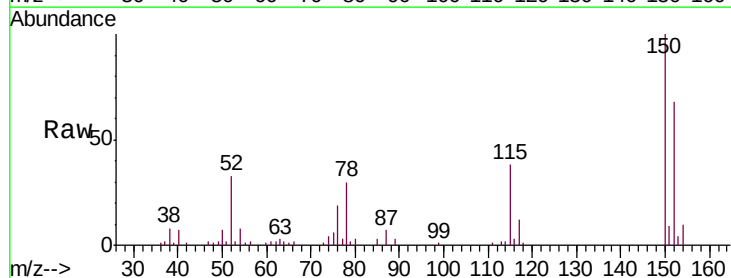


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

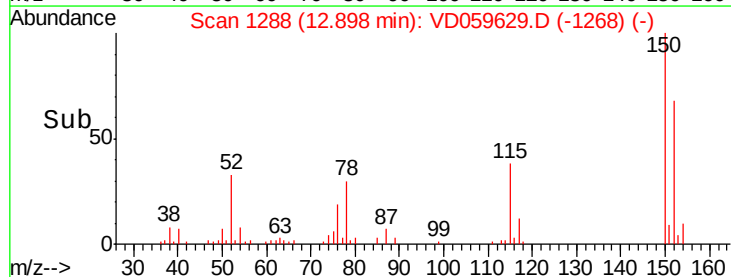
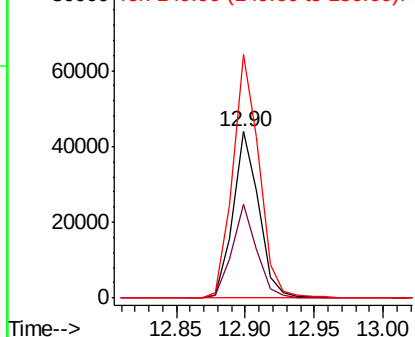


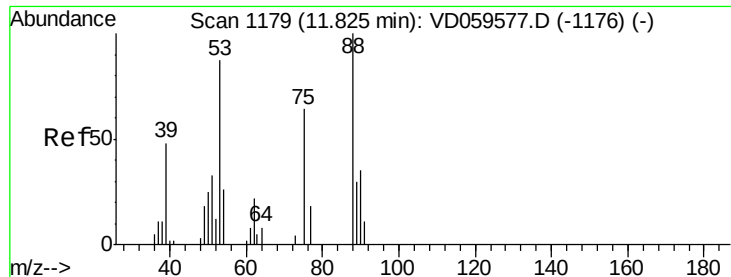
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VD059629.D
Acq: 30 Jul 2018 20:11

Tgt Ion:152 Resp: 56880
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





#81

trans-1,4-Dichloro-2-butene

Concen: 145.49 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.10 min

Lab File: VD059629.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_D

ClientSampleId :

GS-PIT-1RE

Tot Ion: 75 Resp: 34988

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

