

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\  
 Data File : VD059804.D  
 Acq On : 15 Aug 2018 19:15  
 Operator : VA/AP  
 Sample : J4478-02  
 Misc : 9.15g/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 16 07:47:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D081518S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 15 16:08:23 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	217828	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	260559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	222257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	109280	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	148869	53.19	ug/l	-0.02
Spiked Amount				50.000		
Recovery						= 106.38%
35) Dibromofluoromethane	5.52	113	120916	53.25	ug/l	-0.02
Spiked Amount				50.000		
Recovery						= 106.50%
50) Toluene-d8	8.70	98	265699	49.40	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 98.80%
62) 4-Bromofluorobenzene	11.93	95	109642	45.51	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 91.02%

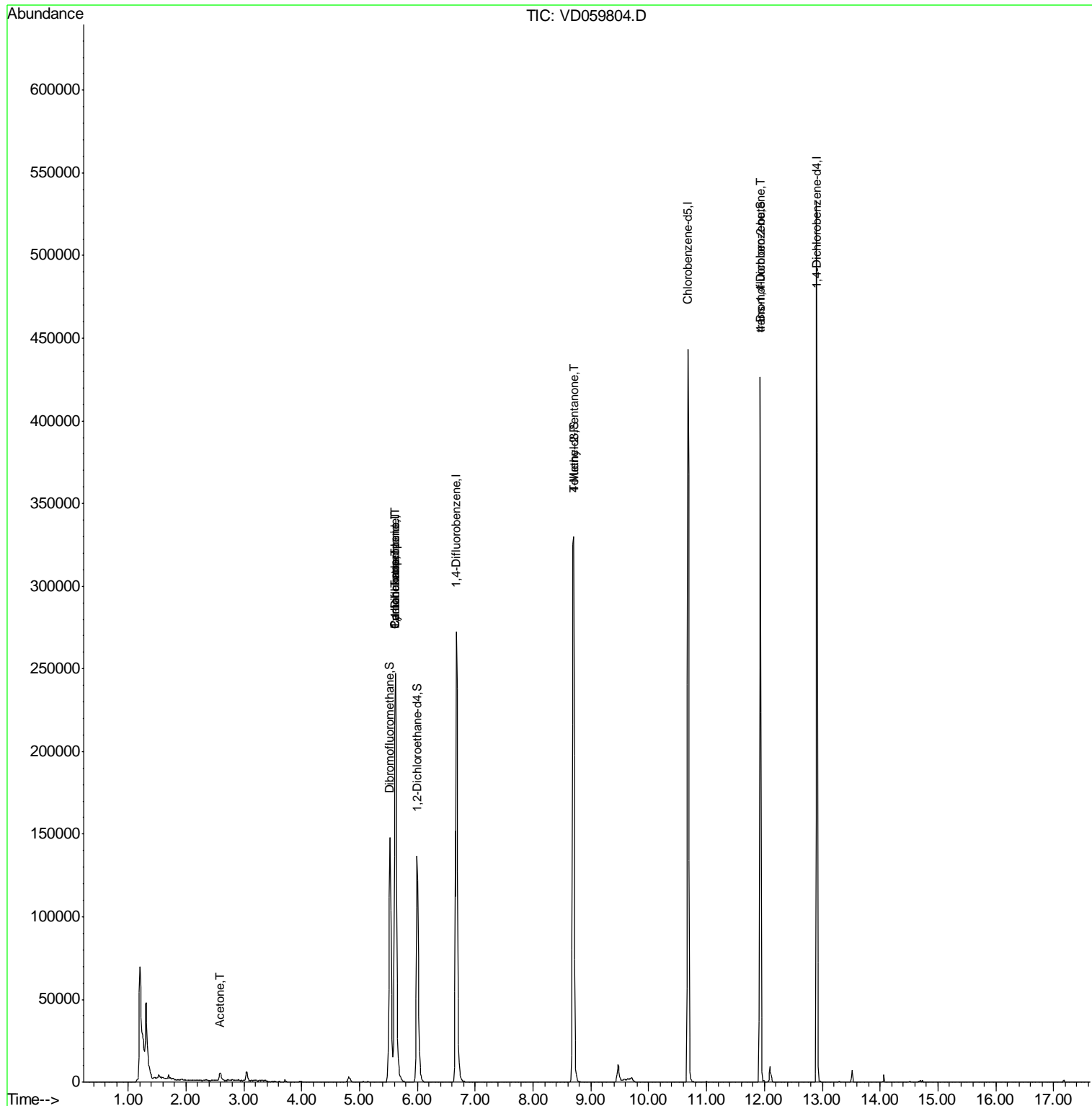
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	9186	20.798	ug/l	97
20) Methylene Chloride	3.06	84	2298	Below Cal	#	77
31) Cyclohexane	5.61	56	5165	1.817	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	20101	7.519	ug/l #	49
38) Carbon Tetrachloride	5.62	117	22024	6.829	ug/l #	17
51) 4-Methyl-2-Pentanone	8.69	43	1825	1.430	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	58171	160.361	ug/l #	1

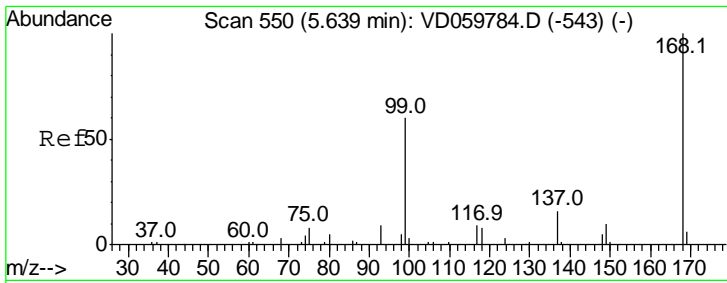
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\  
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 Sample : J4478-02  
 Misc : 9.15µ/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampled :

Quant Time: Aug 16 07:47:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D081518S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 15 16:08:23 2018  
 Response via : Initial Calibration

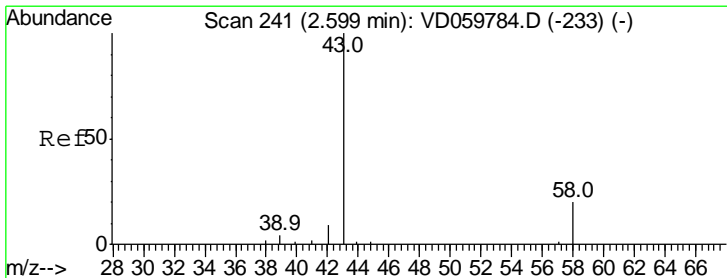
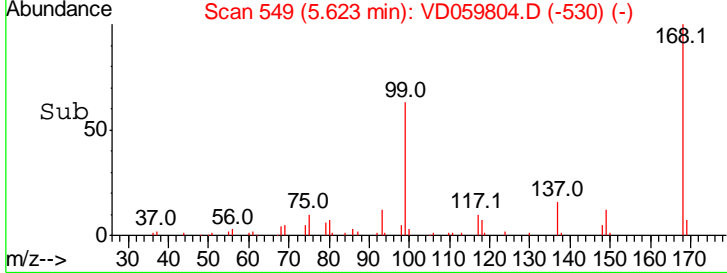
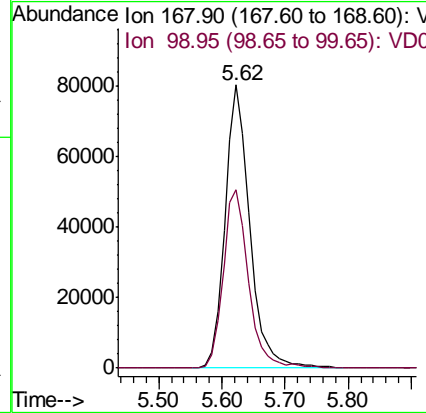
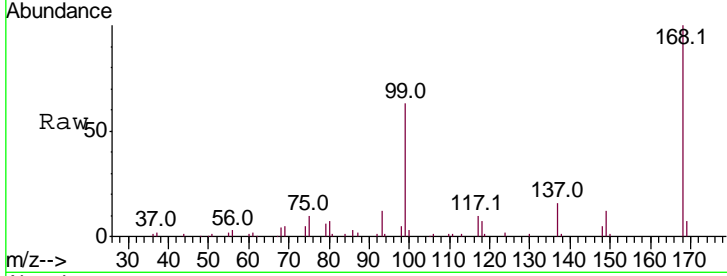




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.62 min Scan# 549  
 Delta R.T. -0.02 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

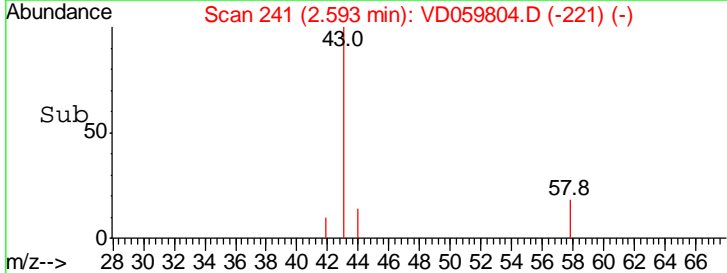
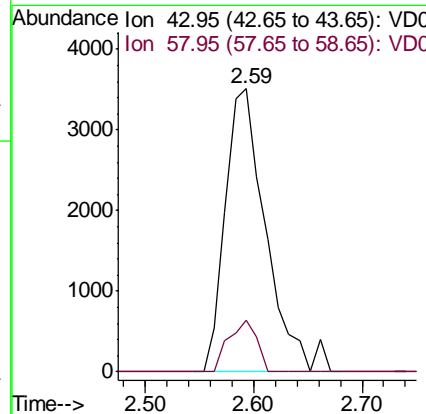
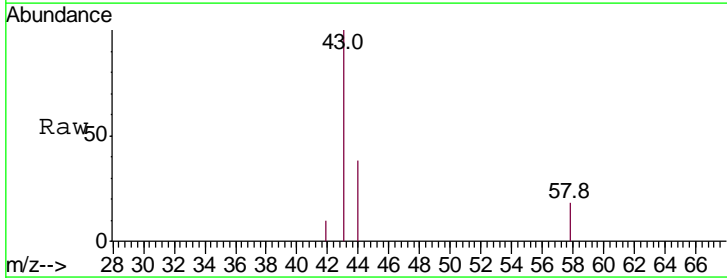
Instrument :  
 MSVOA\_D  
 ClientSampled :

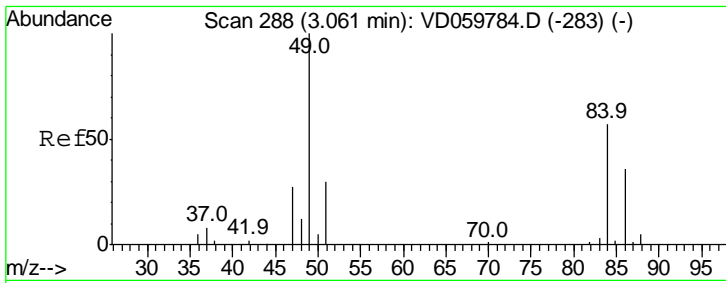
Tgt Ion	Resp	Lower	Upper
168	100		
99	63.0	50.3	75.5



#16  
 Acetone  
 Concen: 20.798 ug/l  
 RT: 2.59 min Scan# 241  
 Delta R.T. -0.01 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Tgt Ion	Resp	Lower	Upper
43	100		
58	18.2	15.7	23.5

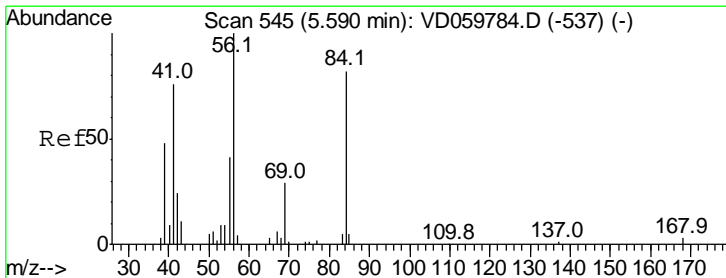
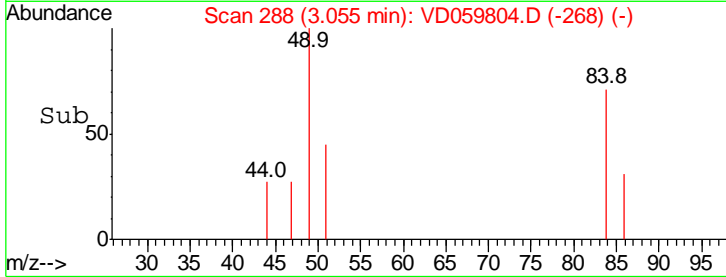
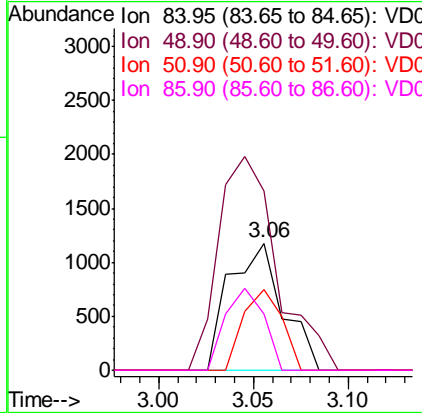
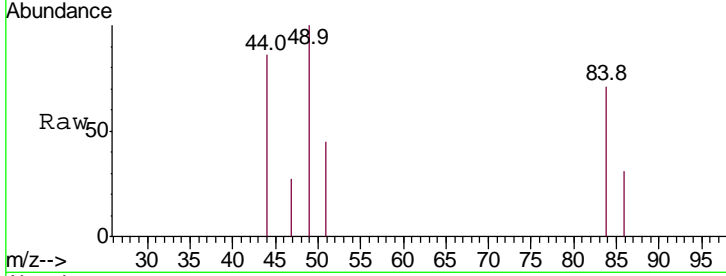




#20  
 Methylene Chloride  
 Concen: Below Cal  
 RT: 3.06 min Scan# 288  
 Delta R.T. -0.01 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

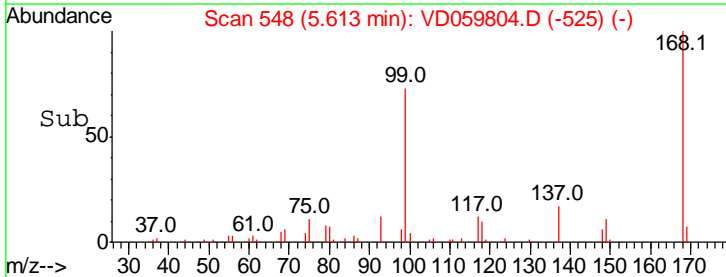
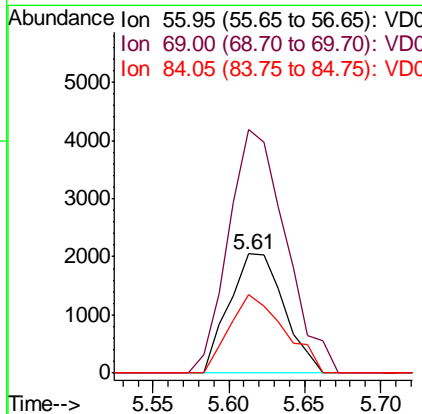
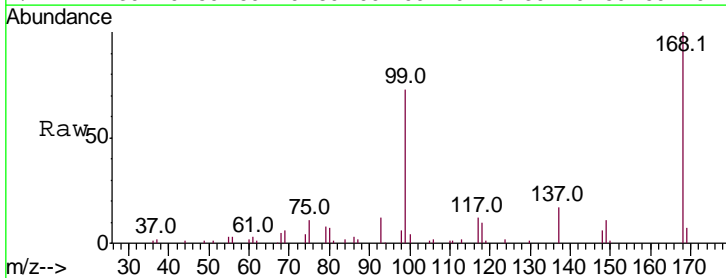
Instrument :  
 MSVOA\_D  
 ClientSampled :

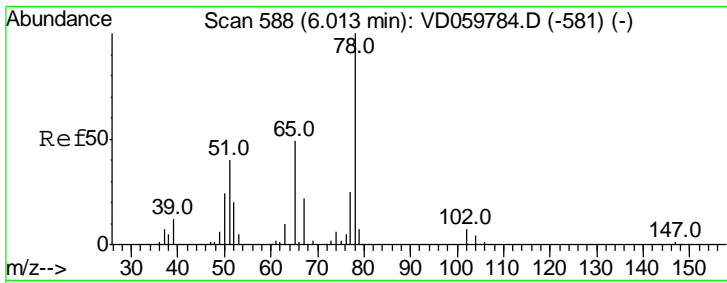
Tgt Ion	Resp	Lower	Upper
84	100		
49	141.5	140.9	211.3
51	63.9	42.8	64.2
86	44.1	51.3	76.9#



#31  
 Cyclohexane  
 Concen: 1.817 ug/l  
 RT: 5.61 min Scan# 548  
 Delta R.T. 0.02 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Tgt Ion	Resp	Lower	Upper
56	100		
69	204.8	23.4	35.2#
84	66.4	65.4	98.2

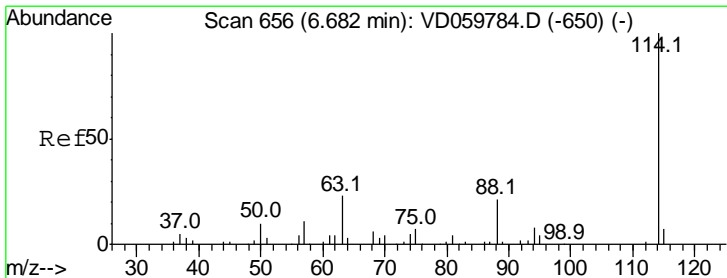
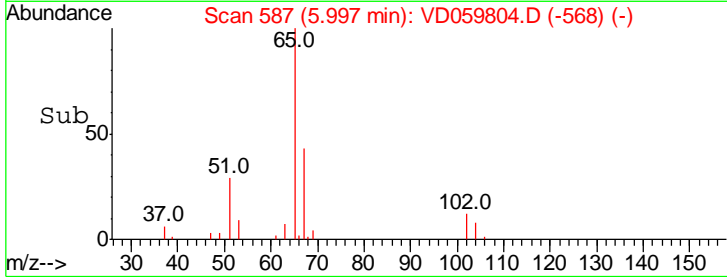
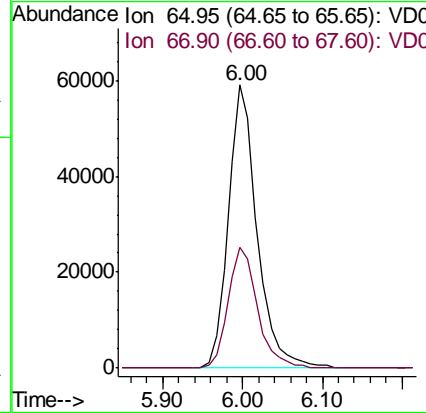
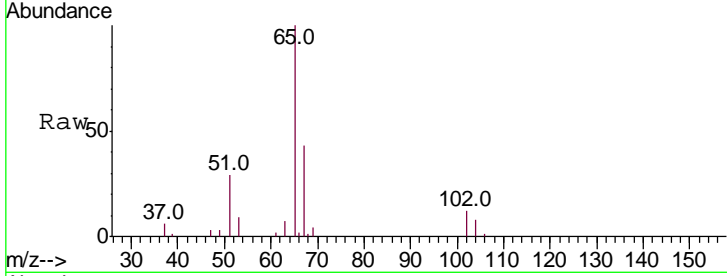




#33  
 1,2-Dichloroethane-d4  
 Concen: N.D. ug/l  
 RT: 6.00 min Scan# 587  
 Delta R.T. -0.02 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

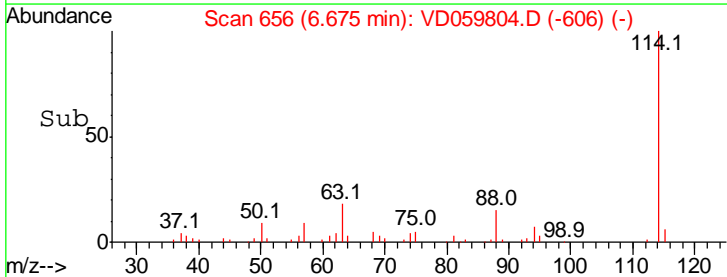
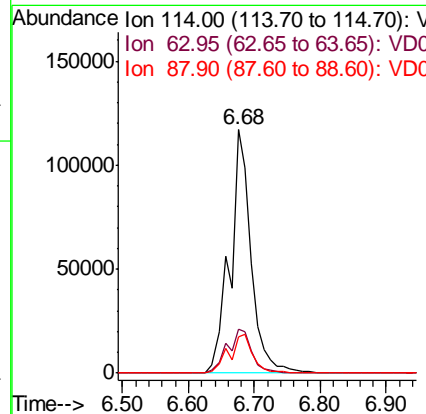
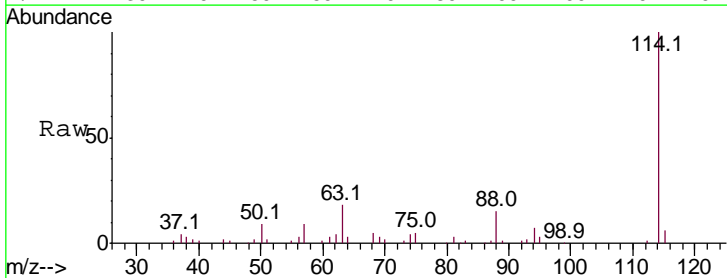
Instrument :  
 MSVOA\_D  
 ClientSampled :

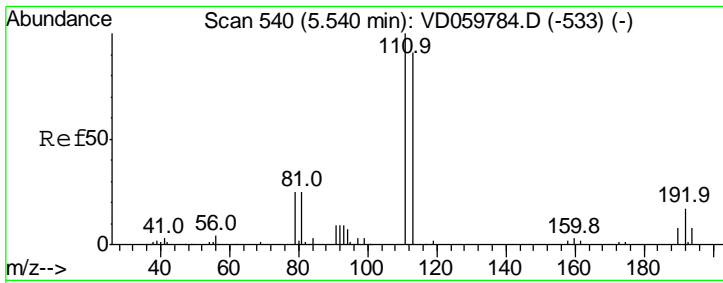
Tgt Ion	Resp	Lower	Upper
65	148869		
65	100		
67	42.7	0.0	87.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.68 min Scan# 656  
 Delta R.T. -0.01 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Tgt Ion	Resp	Lower	Upper
114	260559		
114	100		
63	18.0	0.0	45.0
88	14.9	0.0	41.2

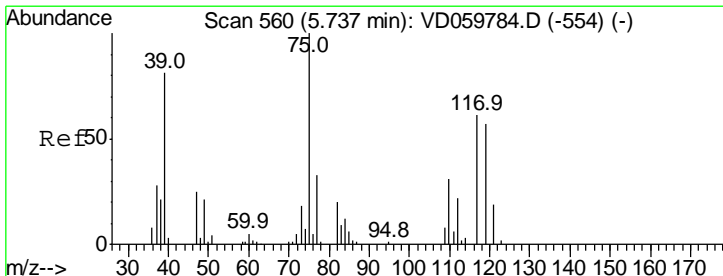
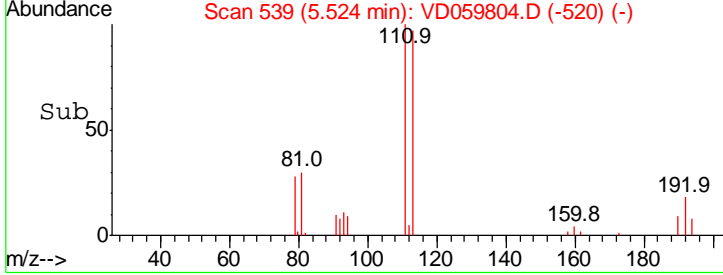
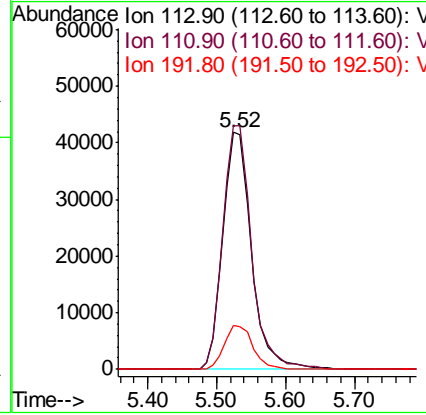
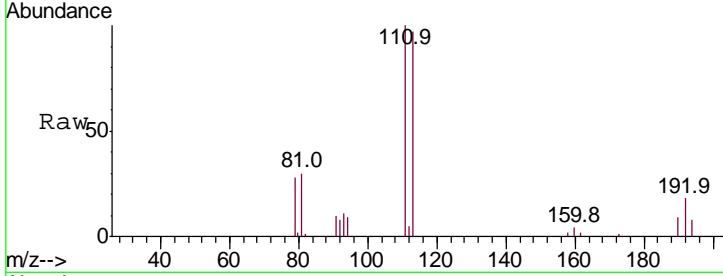




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 5.52 min Scan# 539  
 Delta R.T. -0.02 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

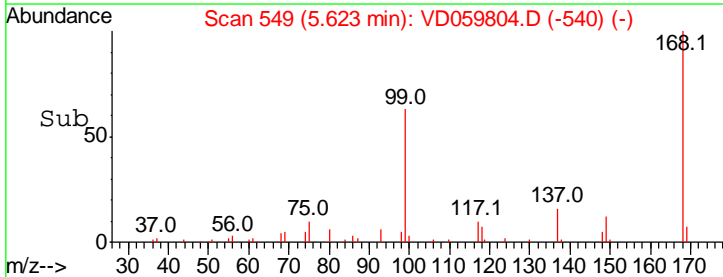
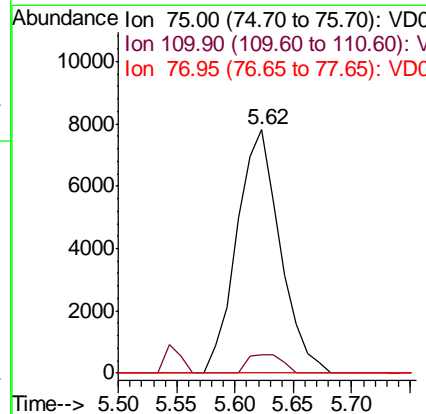
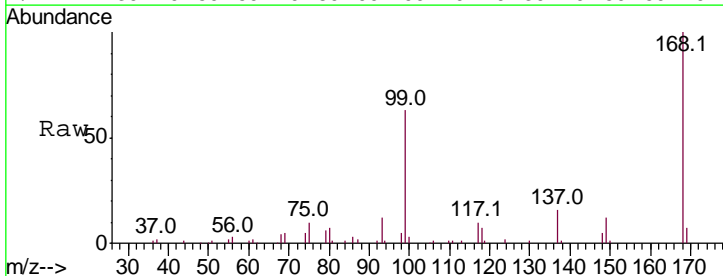
Instrument :  
 MSVOA\_D  
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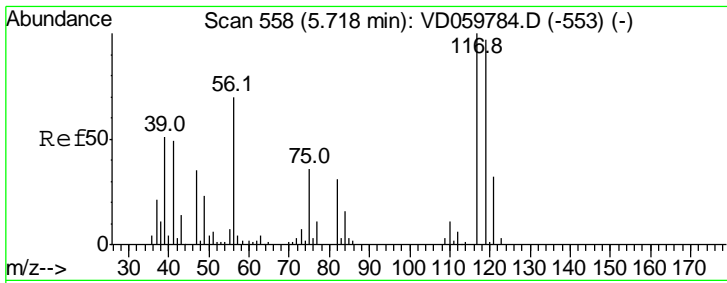
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.8	87.7	131.5
192	18.7	14.6	21.8



#36  
 1,1-Dichloropropene  
 Concen: 7.519 ug/l  
 RT: 5.62 min Scan# 549  
 Delta R.T. -0.11 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Tgt Ion	Resp	Lower	Upper
75	100		
110	7.4	15.3	45.8#
77	0.0	26.2	39.4#

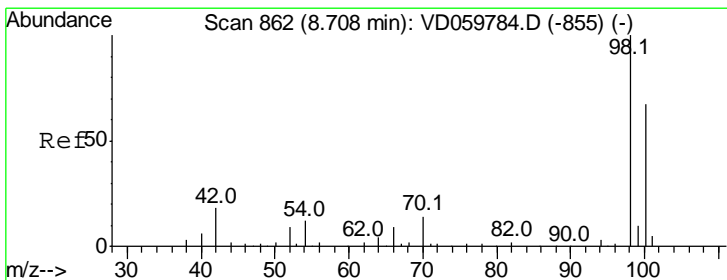
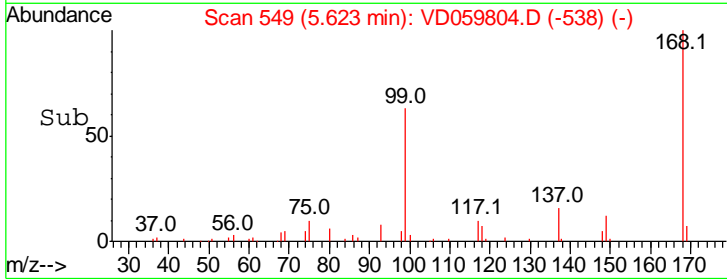
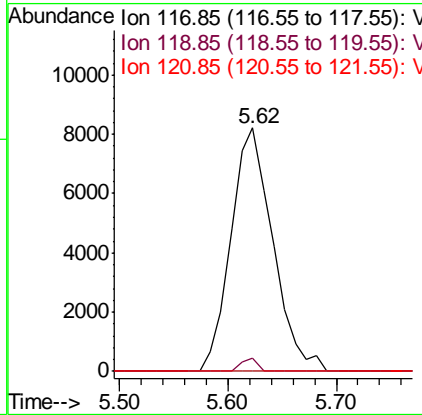
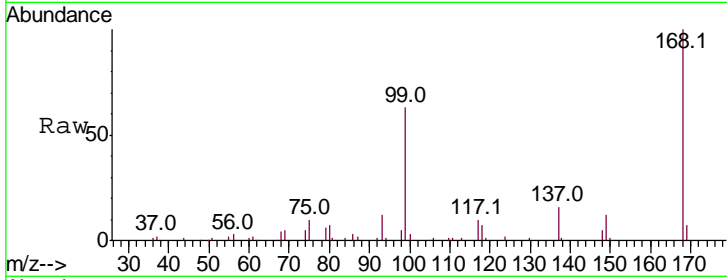




#38  
 Carbon Tetrachloride  
 Concen: 6.829 ug/l  
 RT: 5.62 min Scan# 549  
 Delta R.T. -0.09 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

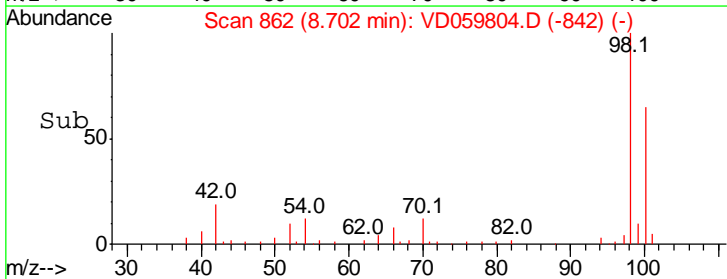
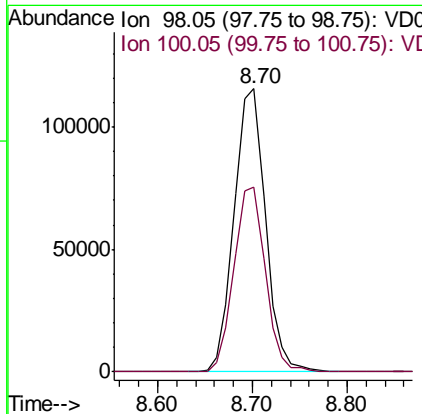
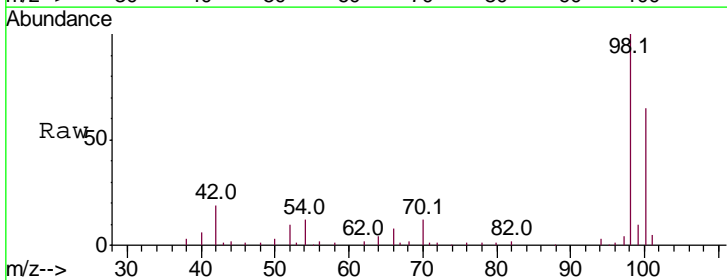
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 MSVOA\_D  
 ClientSampled :

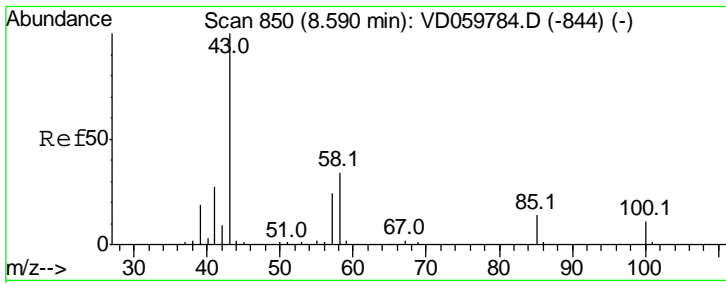
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.7	113.5#
121	0.0	24.7	37.1#



#50  
 Toluene-d8  
 Concen: N.D. ug/l  
 RT: 8.70 min Scan# 862  
 Delta R.T. -0.01 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	54.2	81.4

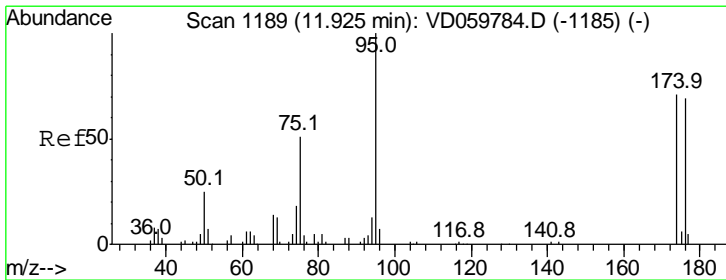
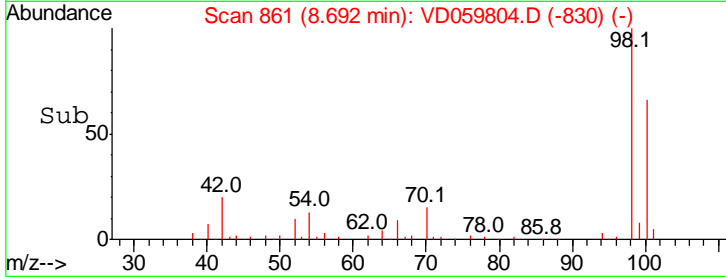
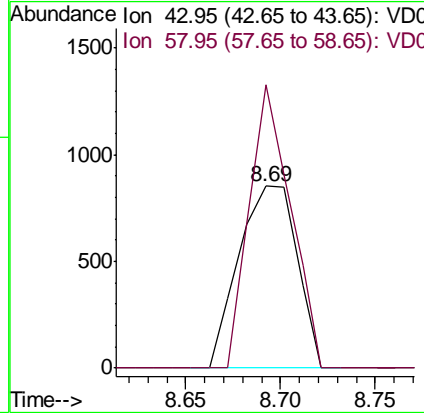
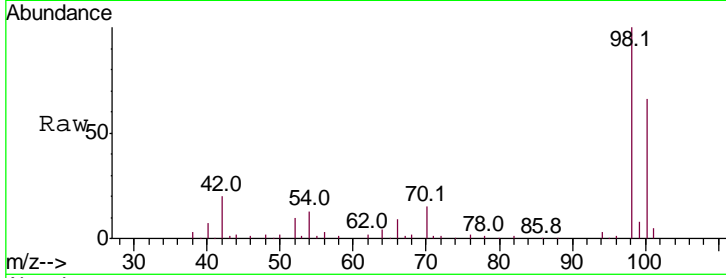




#51  
 4-Methyl-2-Pentanone  
 Concen: 1.430 ug/l  
 RT: 8.69 min Scan# 861  
 Delta R.T. 0.10 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

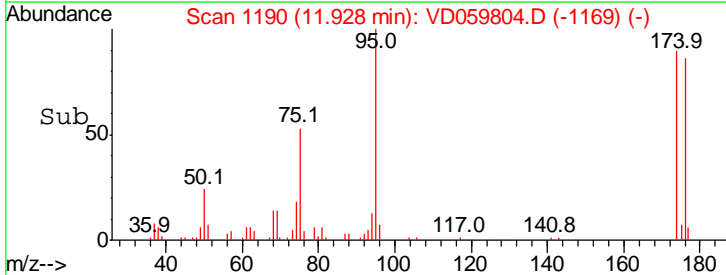
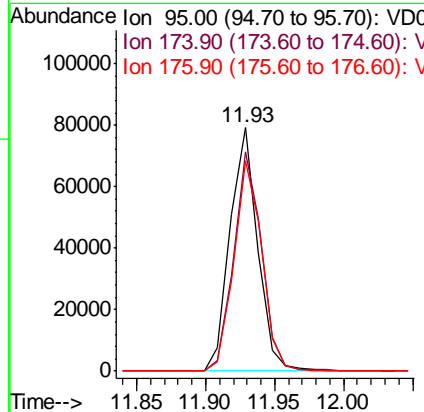
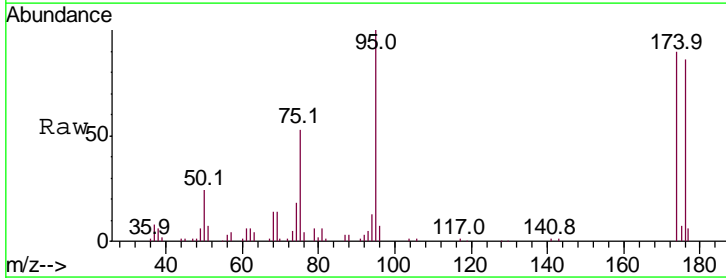
Instrument :  
 MSVOA\_D  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
43	100		
58	155.4	27.5	41.3#

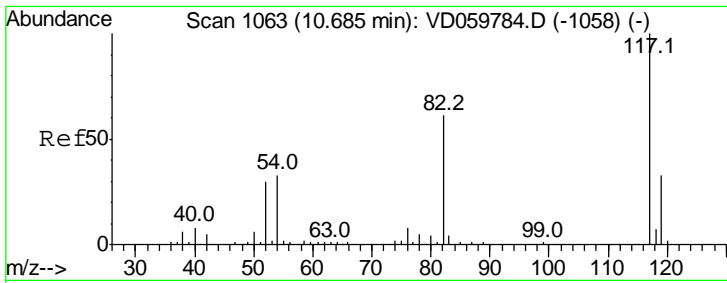


#62  
 4-Bromofluorobenzene  
 Concen: N.D. ug/l  
 RT: 11.93 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Tgt Ion	Resp	Lower	Upper
95	100		
174	89.8	0.0	142.2
176	86.3	0.0	137.4



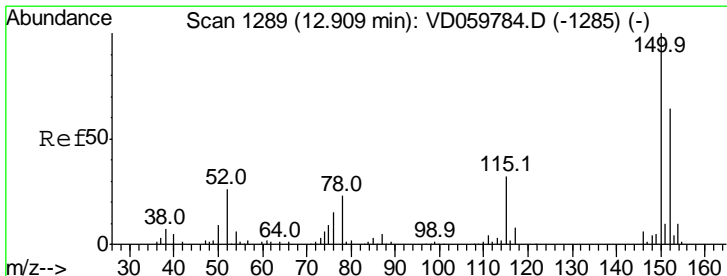
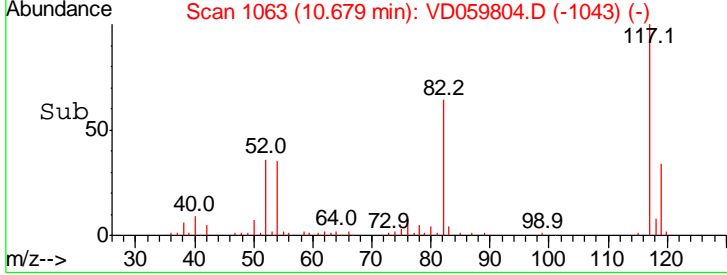
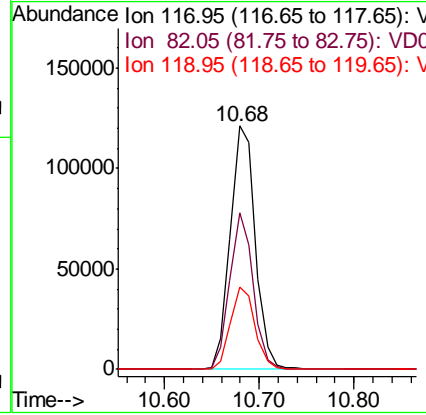
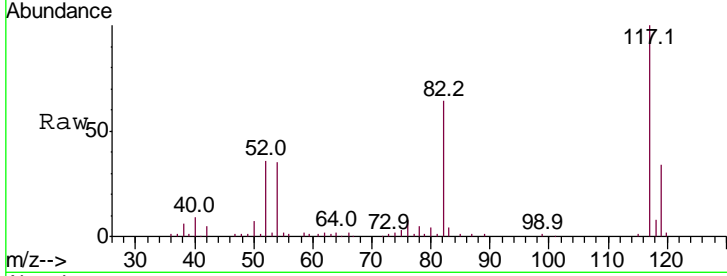




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.68 min Scan# 1063  
 Delta R.T. -0.01 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

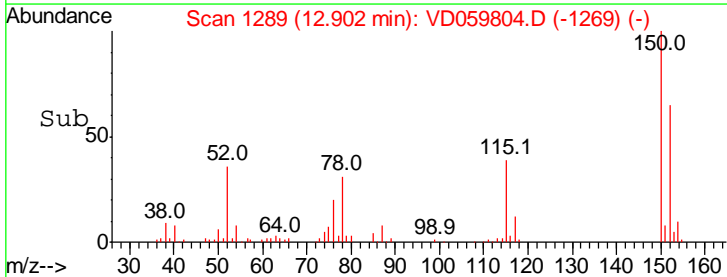
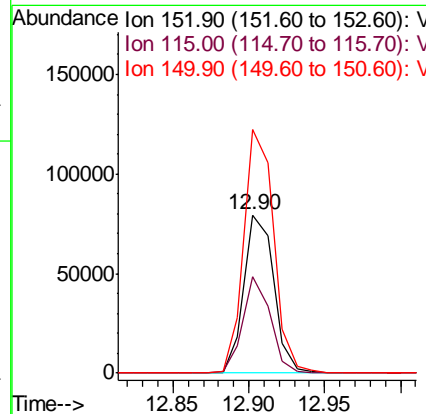
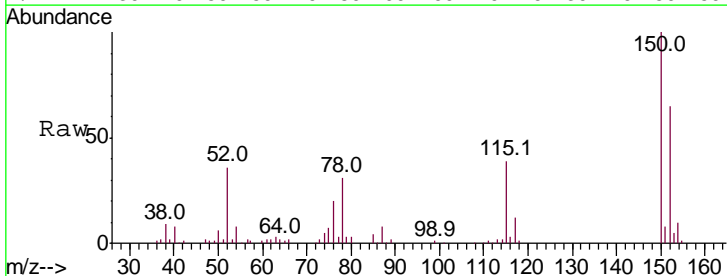
Instrument :  
 MSVOA\_D  
 ClientSampled :

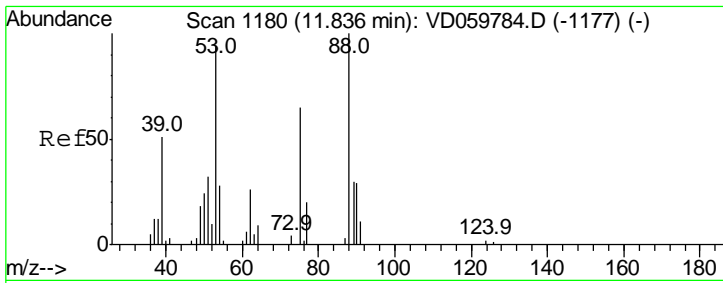
Tgt Ion	Resp	Lower	Upper
117	100		
82	64.1	49.0	73.6
119	33.9	26.2	39.2



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.90 min Scan# 1289  
 Delta R.T. -0.01 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Tgt Ion	Resp	Lower	Upper
152	100		
115	60.6	27.2	81.5
150	153.8	0.0	312.4





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 160.361 ug/l  
 RT: 11.93 min Scan# 1190  
 Delta R.T. 0.09 min  
 Lab File: VD059804.D  
 Acq: 15 Aug 2018 19:15

Instrument : MSVOA\_D  
 ClientSampled :

Tot Ion	Resp	Lower	Upper
75	58171		
Ion Ratio			
75	100		
53	0.0	116.2	174.2#
89	0.0	37.0	55.6#

