

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058171.D
 Acq On : 16 Jun 2018 00:11
 Operator : VA/AP
 Sample : J3518-04
 Misc : 6.06µ/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 00:48:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	613813	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	6.69	114	815670	50.00	µg/l	0.00
63) Chlorobenzene-d5	10.69	117	639758	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	327220	50.00	µg/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	419532	68.37	µg/l	0.00
Spiked Amount	50.000		Recovery	= 136.74%		
35) Dibromofluoromethane	5.54	113	430056	68.14	µg/l	-0.02
Spiked Amount	50.000		Recovery	= 136.28%		
50) Toluene-d8	8.70	98	971632	64.76	µg/l	0.00
Spiked Amount	50.000		Recovery	= 129.52%		
62) 4-Bromofluorobenzene	11.93	95	399659	61.06	µg/l	0.00
Spiked Amount	50.000		Recovery	= 122.12%		

Target Compounds

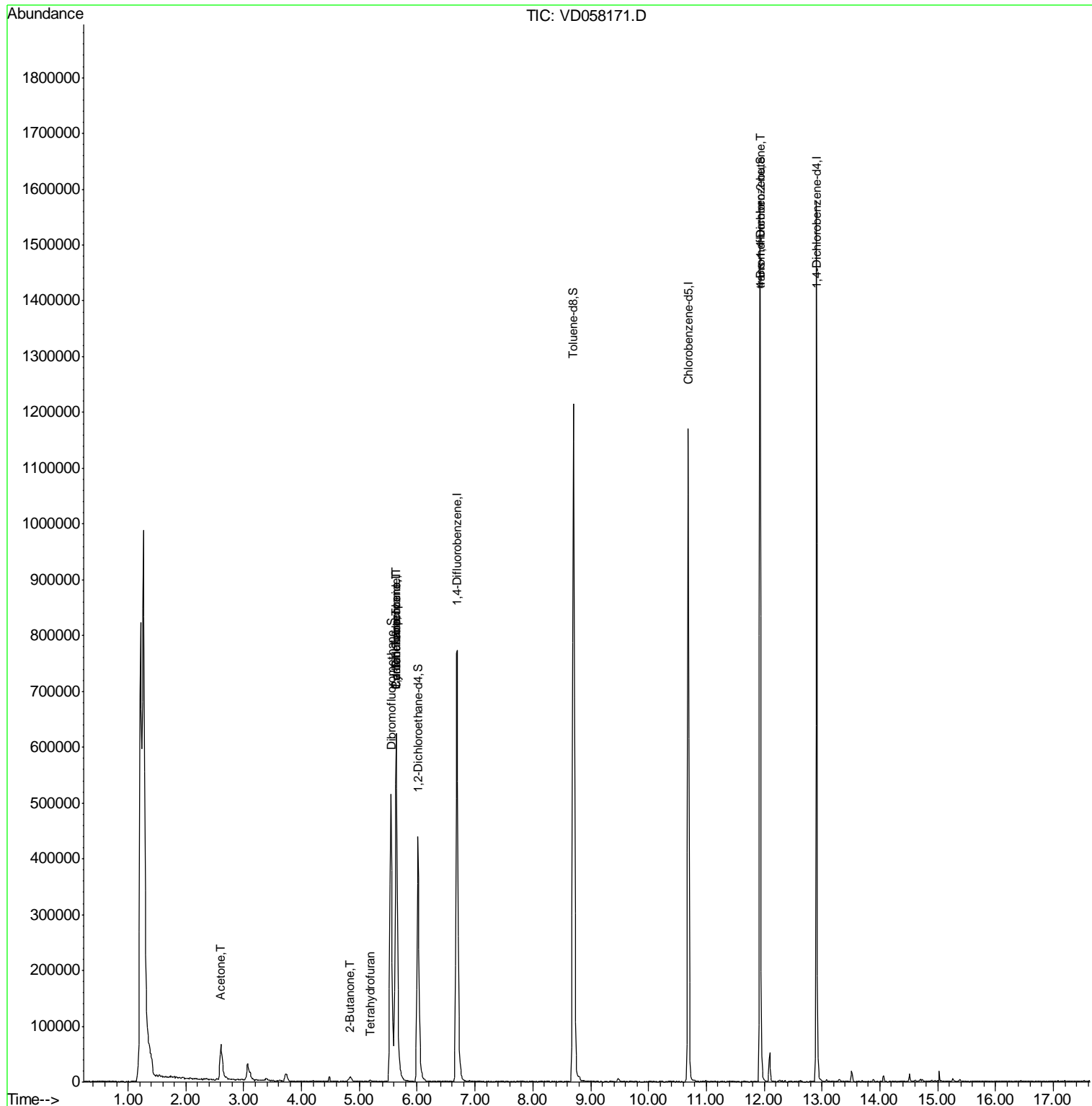
					Qvalue	
16) Acetone	2.61	43	136926	154.873	µg/l	96
20) Methylene Chloride	3.07	84	14672	Below Cal	#	80
25) 2-Butanone	4.83	43	2813	1.400	µg/l #	64
29) Tetrahydrofuran	5.18	42	1953	1.854	µg/l #	39
31) Cyclohexane	5.63	56	13813	1.294	µg/l #	1
36) 1,1-Dichloropropene	5.64	75	46977	5.228	µg/l #	50
38) Carbon Tetrachloride	5.64	117	50546	5.707	µg/l #	17
81) trans-1,4-Dichloro-2-buten	11.93	75	191568	157.352	µg/l #	6
89) n-Butylbenzene	13.19	91	373	Below Cal	#	30

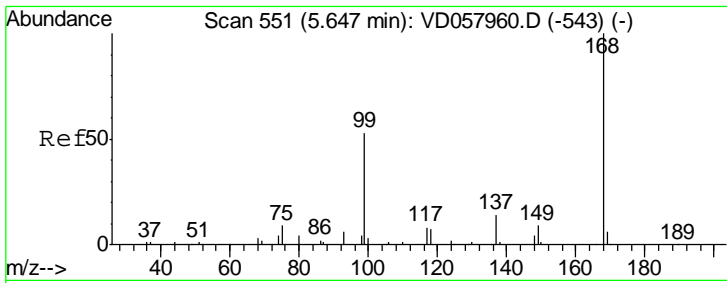
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 00:48:22 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

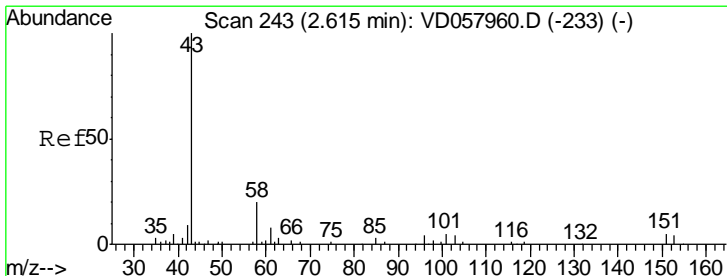
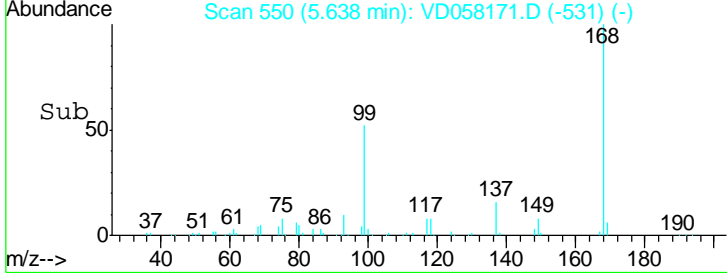
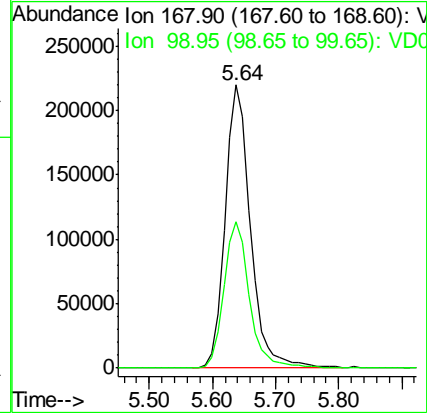
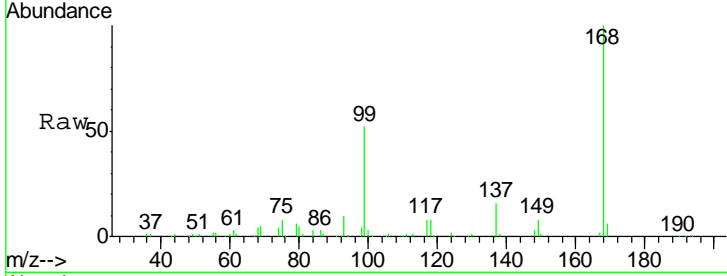




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

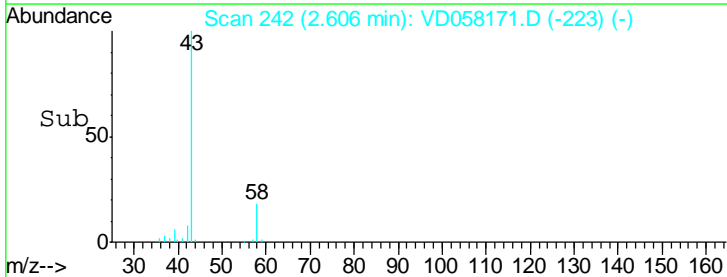
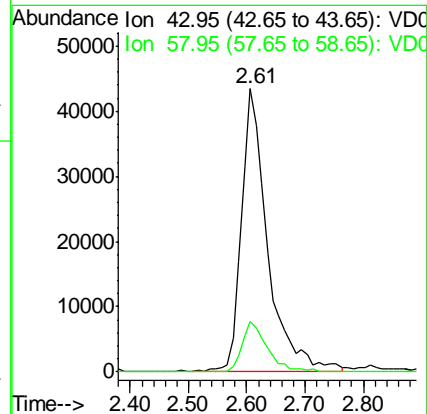
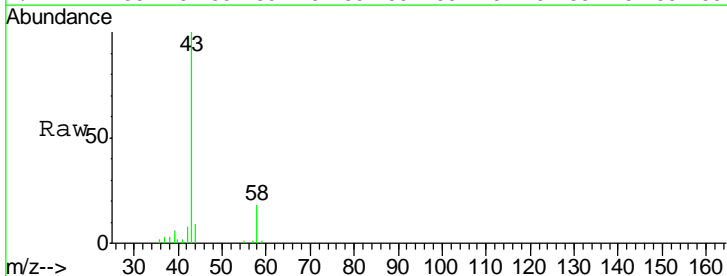
Instrument :
 MSVOA_D
 ClientSampled :

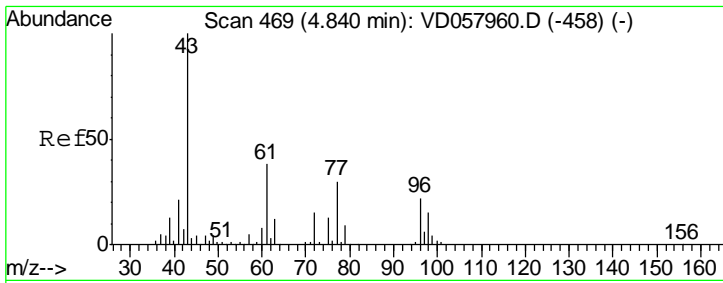
Tgt Ion	Resp	Lower	Upper
168	100		
99	51.6	46.8	70.2



#16
 Acetone
 Concen: 154.873 ug/l
 RT: 2.61 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
43	100		
58	18.0	15.8	23.8

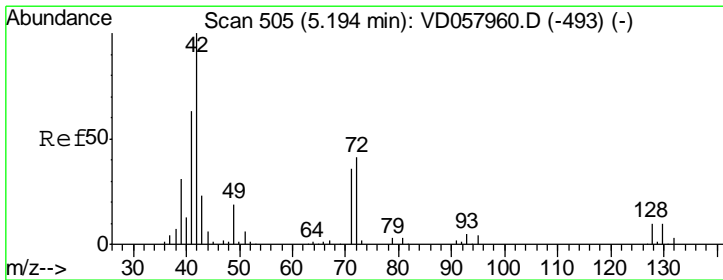
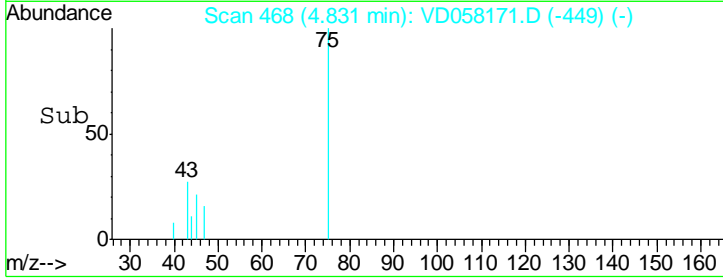
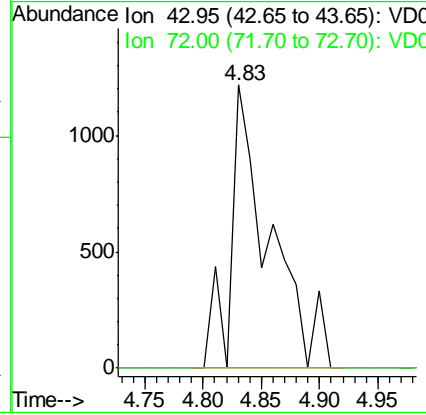
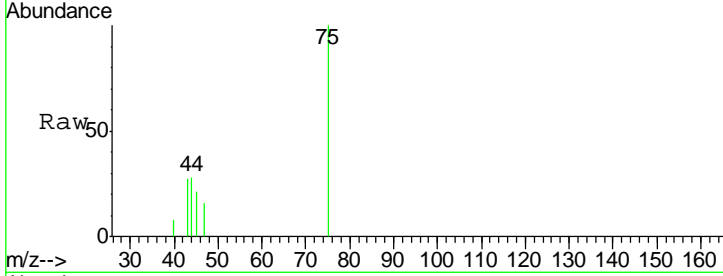




#25
 2-Butanone
 Concen: 1.400 ug/l
 RT: 4.83 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

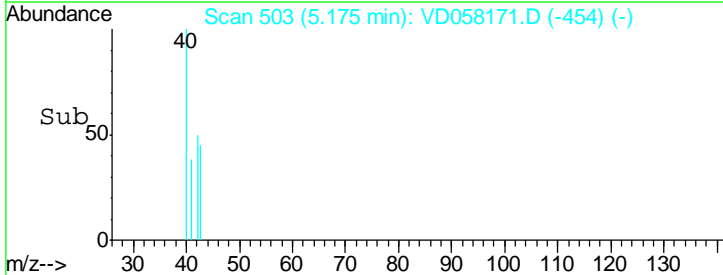
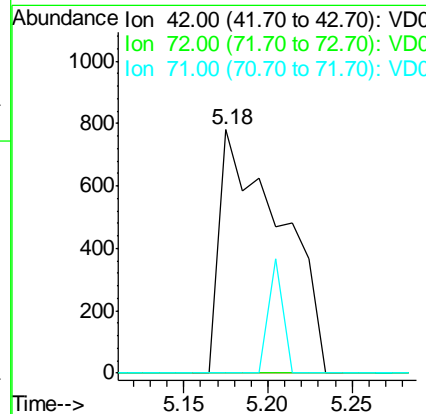
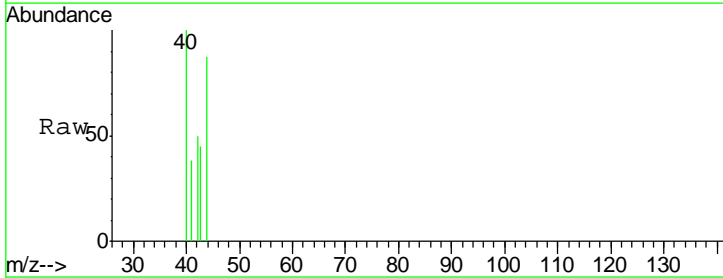
Instrument :
 MSVOA_D
 ClientSampled :

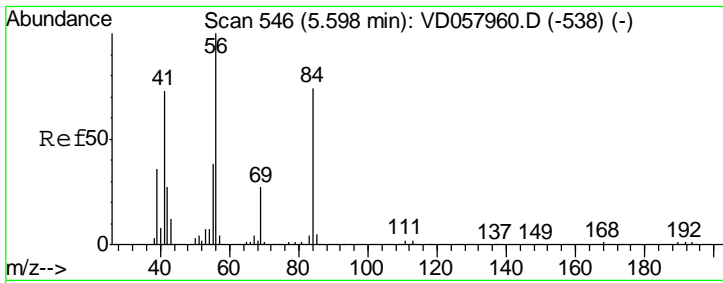
Tgt Ion	Resp	Lower	Upper
43	2813		
72	0.0	12.0	18.0#



#29
 Tetrahydrofuran
 Concen: 1.854 ug/l
 RT: 5.18 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
42	1953		
72	0.0	28.5	42.7#
71	0.0	27.9	41.9#

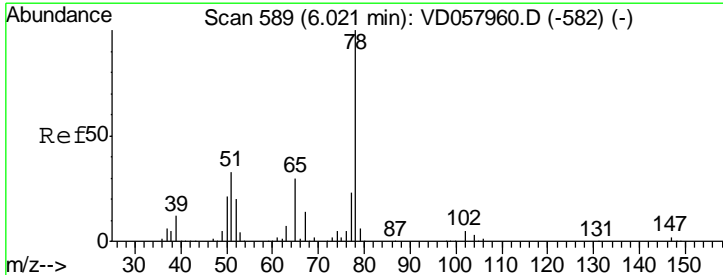
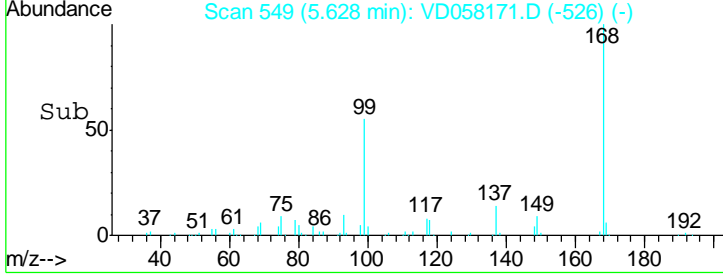
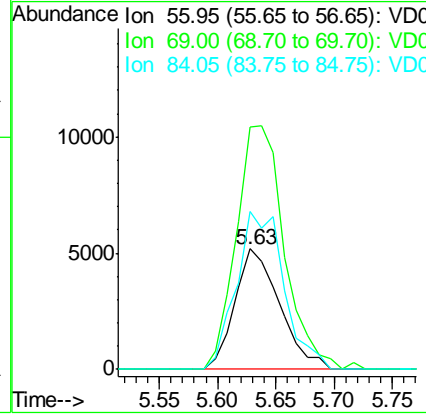
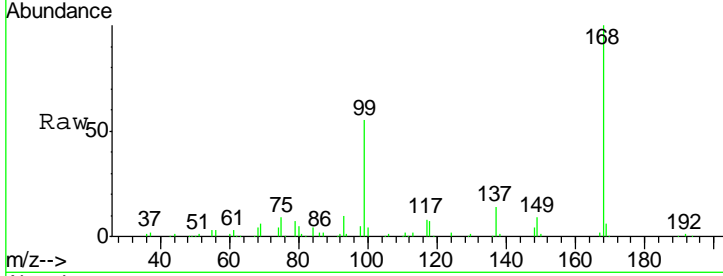




#31
 Cyclohexane
 Concen: 1.294 ug/l
 RT: 5.63 min Scan# 549
 Delta R.T. 0.03 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

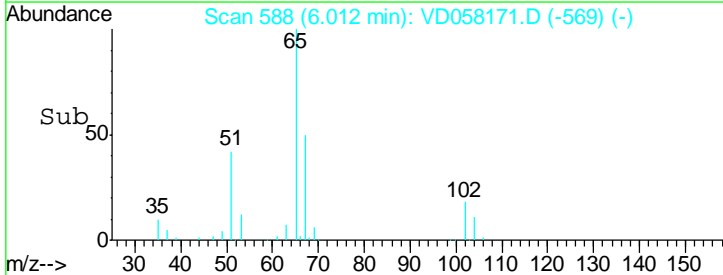
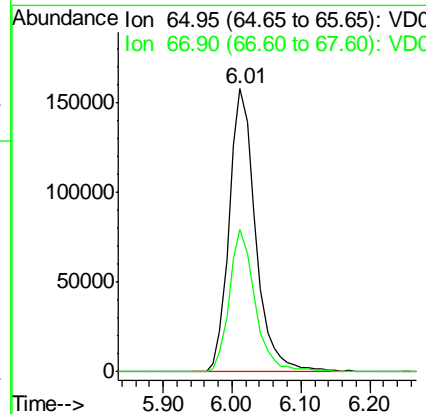
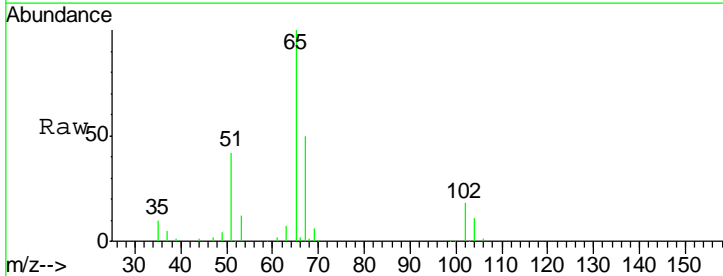
Instrument :
 MSVOA_D
 ClientSampled :

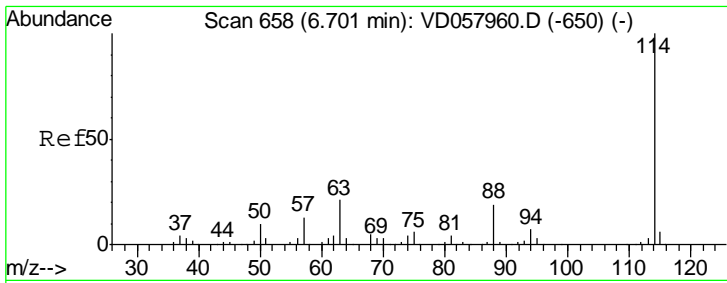
Tgt Ion	Resp	Lower	Upper
56	13813		
69	201.0	21.5	32.3#
84	130.5	61.0	91.6#



#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
65	419532		
67	50.2	0.0	94.0

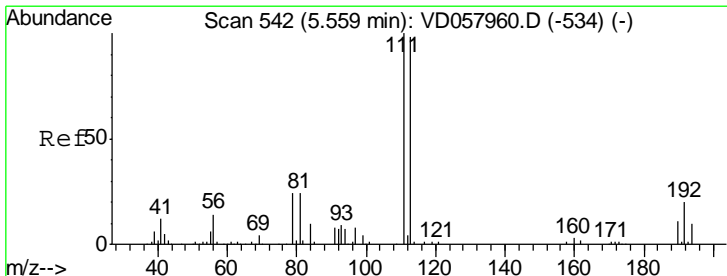
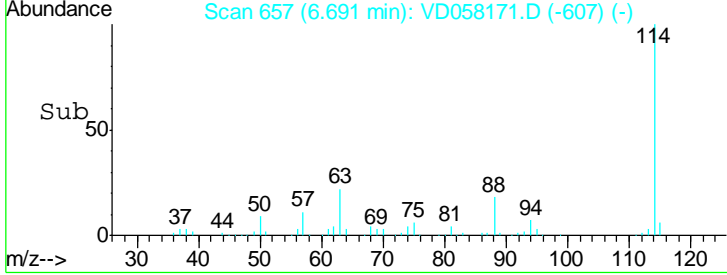
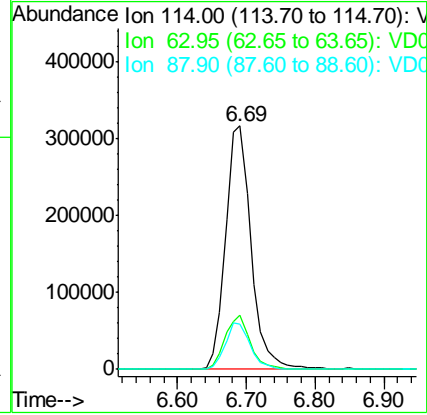
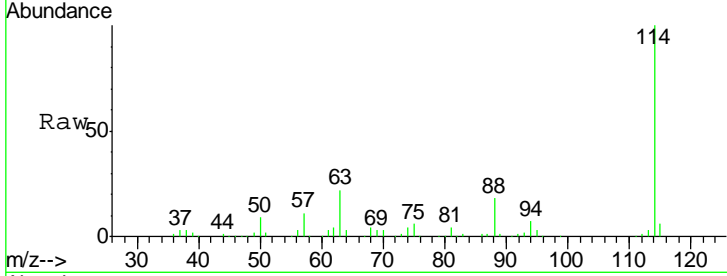




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

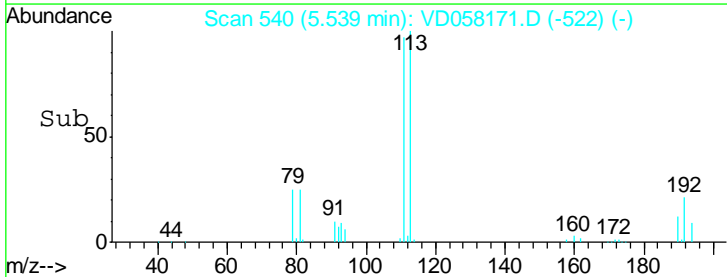
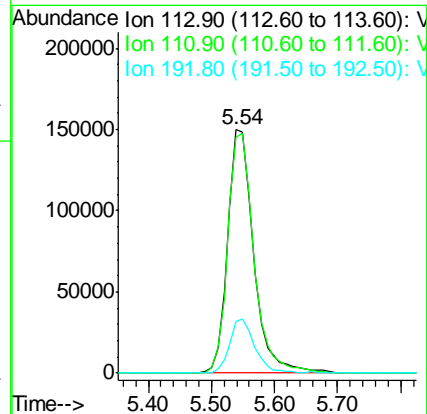
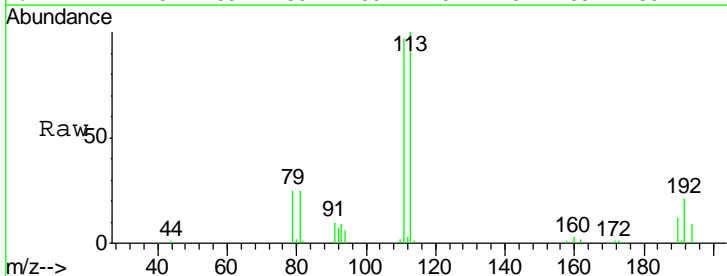
Instrument :
 MSVOA_D
 ClientSampled :

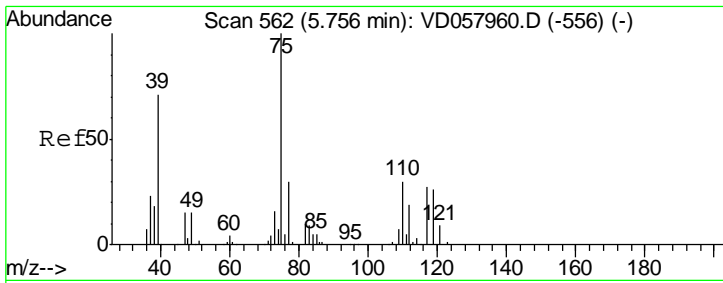
Tgt Ion	Resp	Lower	Upper
114	100		
63	22.0	0.0	42.8
88	18.3	0.0	37.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
113	100		
111	96.9	81.5	122.3
192	21.3	16.4	24.6

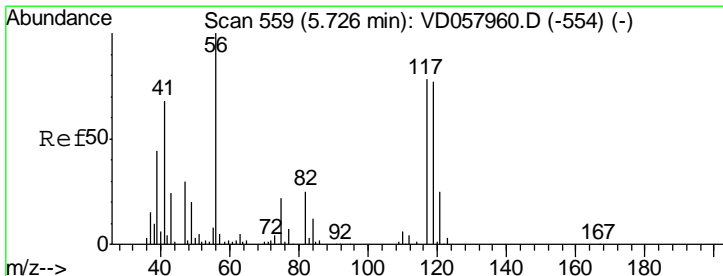
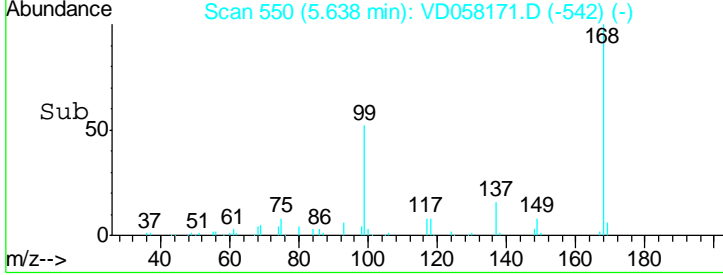
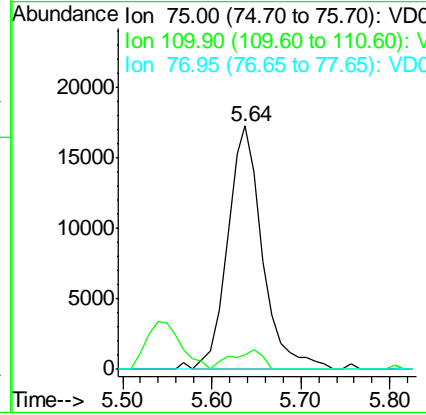
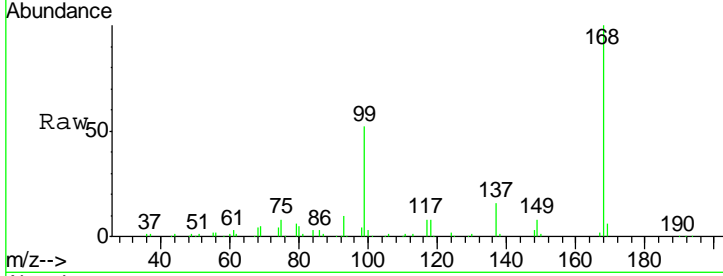




#36
 1,1-Dichloropropene
 Concen: 5.228 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.12 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

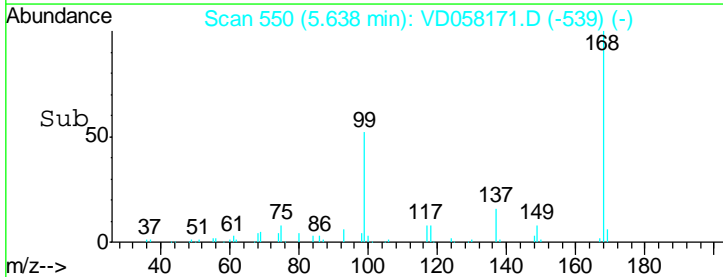
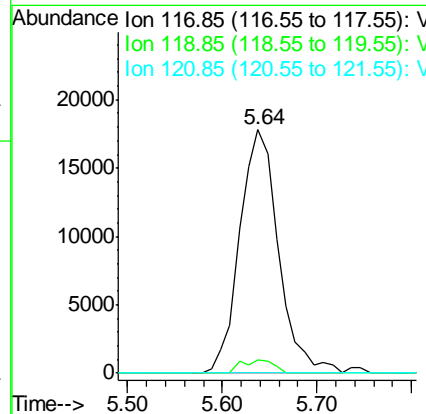
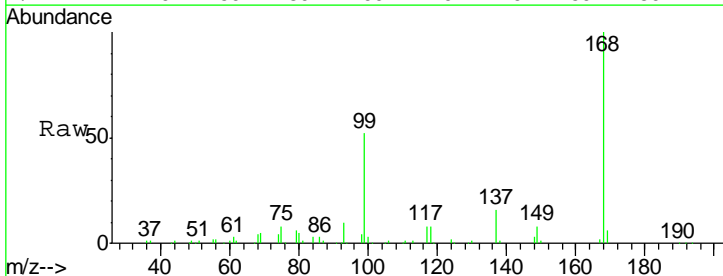
Instrument :
 MSVOA_D
 ClientSampled :

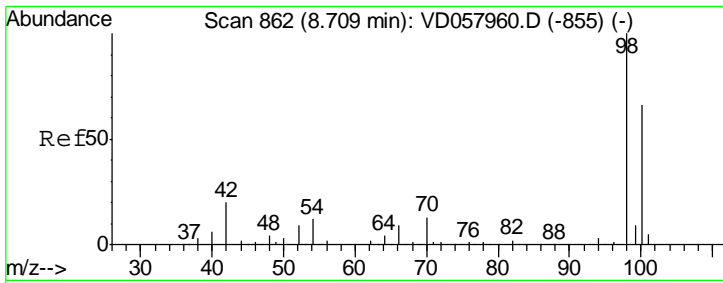
Tgt Ion	Resp	Lower	Upper
75	46977		
110	5.9	14.8	44.3#
77	0.0	23.9	35.9#



#38
 Carbon Tetrachloride
 Concen: 5.707 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.09 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
117	50546		
119	5.5	76.1	114.1#
121	0.0	24.9	37.3#

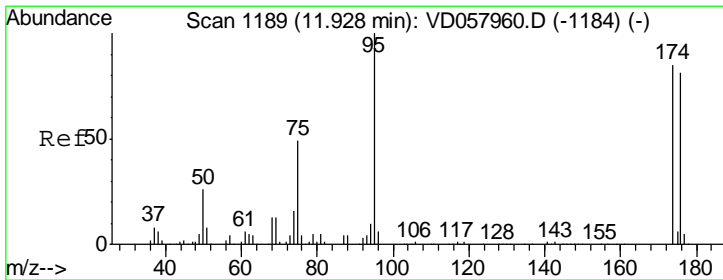
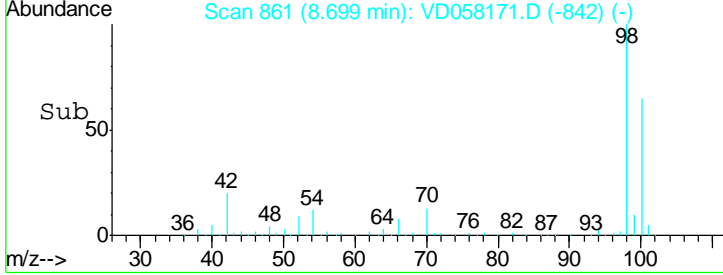
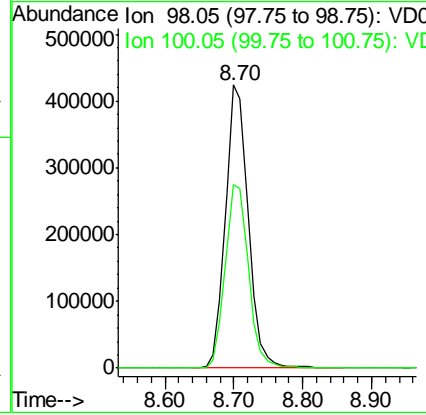
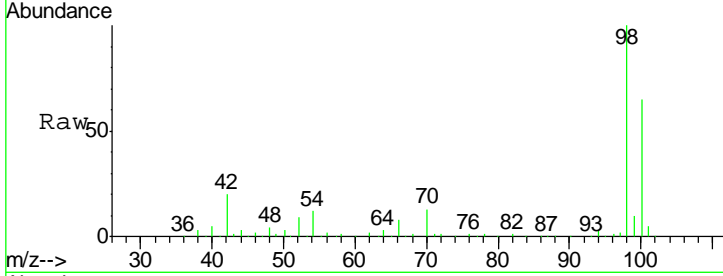




#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

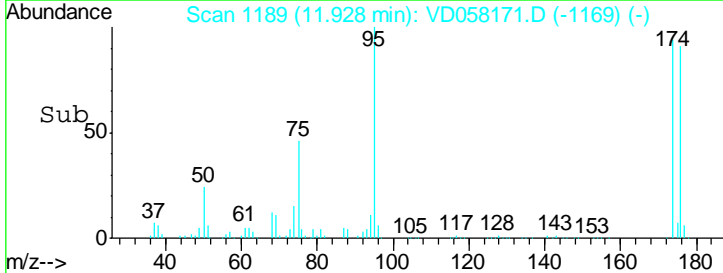
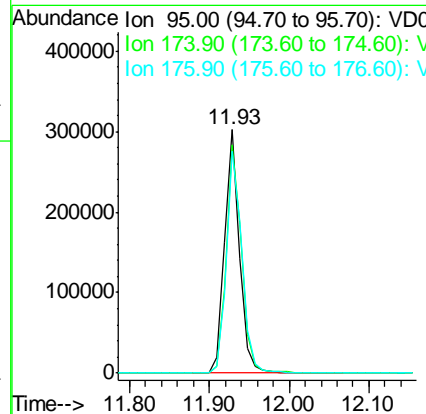
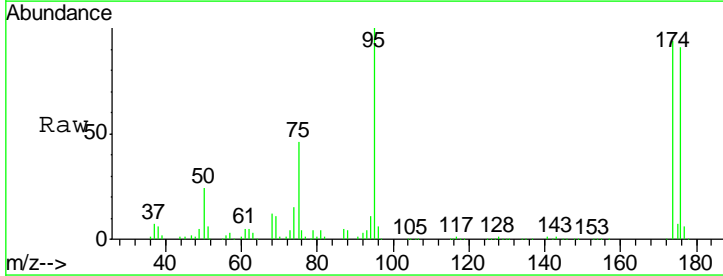
Instrument :
 MSVOA_D
 ClientSampled :

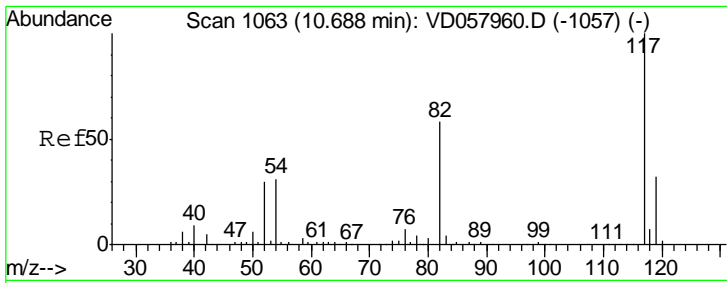
Tgt Ion	Resp	Lower	Upper
98	971632		
98	100		
100	64.8	53.4	80.0



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 11.93 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
95	399659		
95	100		
174	93.8	0.0	169.4
176	91.4	0.0	162.6

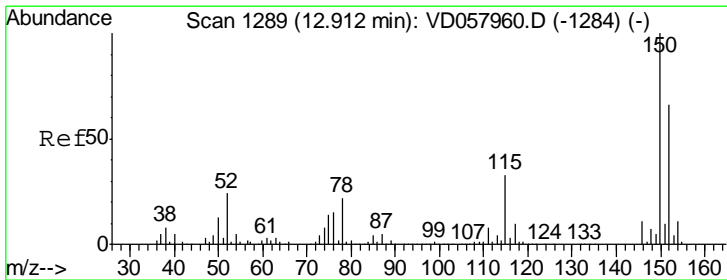
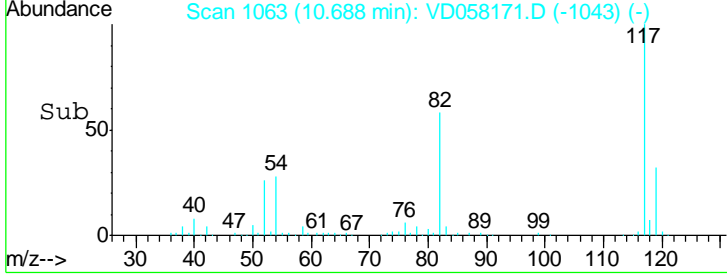
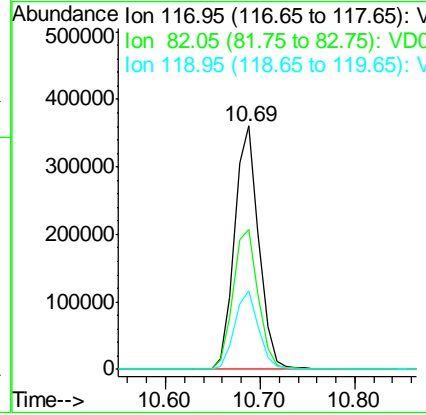
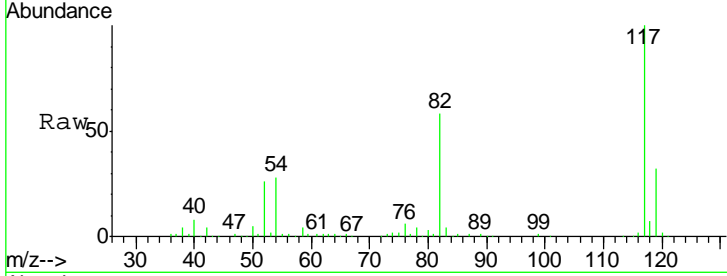




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.69 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

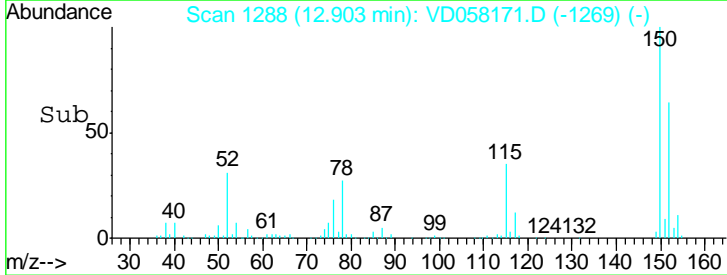
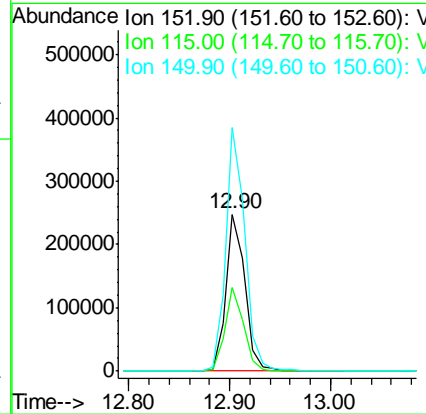
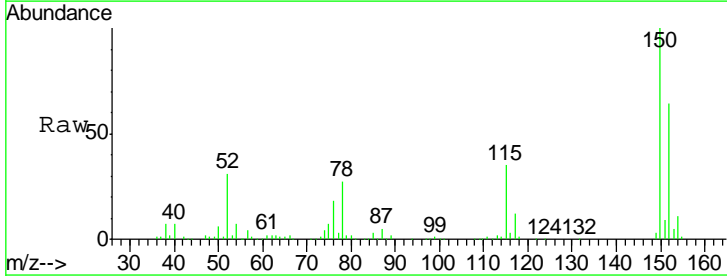
Instrument : MSVOA_D
 ClientSampled :

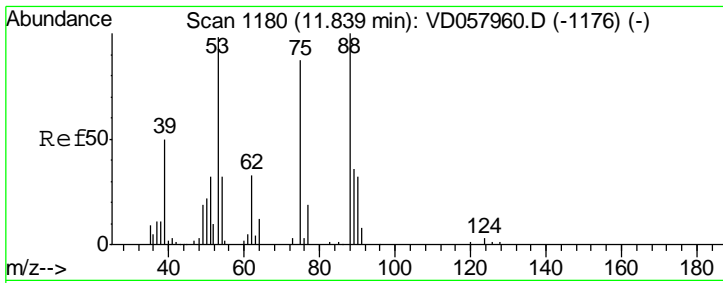
Tgt Ion	Resp	Lower	Upper
117	639758		
82	57.6	46.8	70.2
119	32.2	25.8	38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
152	327220		
115	53.7	25.6	76.6
150	155.2	0.0	306.8

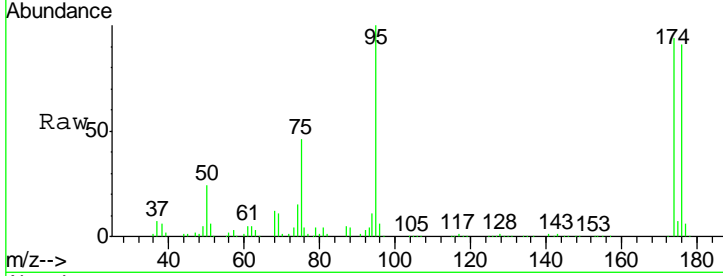




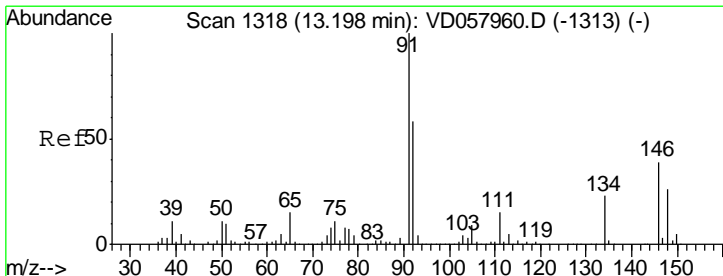
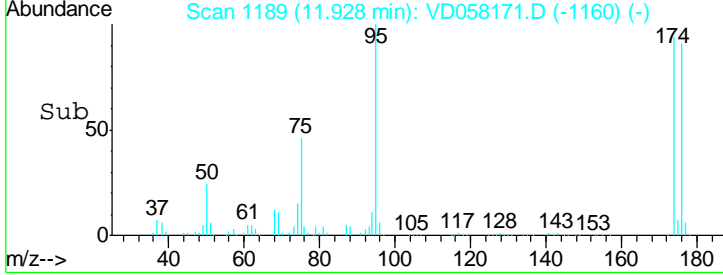
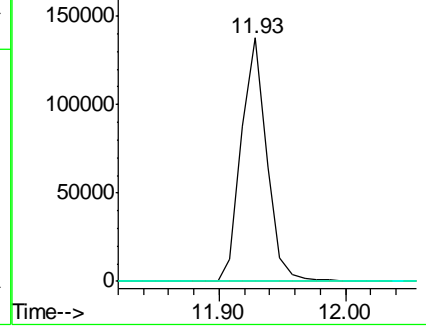
#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.352 ug/l
 RT: 11.93 min Scan# 1189
 Delta R.T. 0.09 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Instrument : MSVOA_D
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	89.3	133.9#
89	0.0	33.3	49.9#

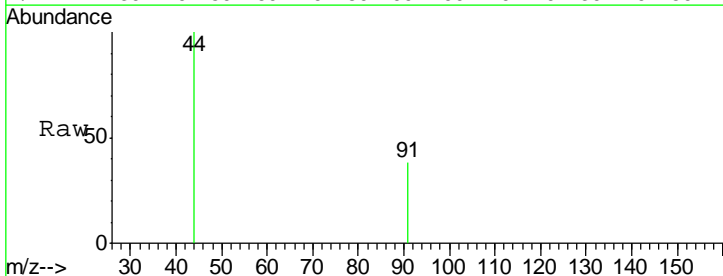


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 53.00 (52.70 to 53.70): VDC
 Ion 89.00 (88.70 to 89.70): VDC



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: VD058171.D
 Acq: 16 Jun 2018 00:11

Tgt Ion	Resp	Lower	Upper
91	100		
92	0.0	29.2	87.6#
134	0.0	11.3	33.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC
 Ion 92.00 (91.70 to 92.70): VDC
 Ion 134.10 (133.80 to 134.80): V

