

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063091.D
 Acq On : 15 Jul 2019 20:05
 Operator : VA/AP
 Sample : K3768-25
 Misc : 6.01µ/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jul 16 08:23:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	618668	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	8.21	114	817157	50.00	µg/l	0.00
63) Chlorobenzene-d5	12.36	117	697297	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	346172	50.00	µg/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	444166	57.63	µg/l	-0.01
Spiked Amount				50.000		
				Recovery	=	115.26%
35) Dibromofluoromethane	6.91	113	476103	58.50	µg/l	0.00
Spiked Amount				50.000		
				Recovery	=	117.00%
50) Toluene-d8	10.40	98	850253	48.63	µg/l	0.00
Spiked Amount				50.000		
				Recovery	=	97.26%
62) 4-Bromofluorobenzene	13.55	95	372174	46.01	µg/l	0.00
Spiked Amount				50.000		
				Recovery	=	92.02%

Target Compounds

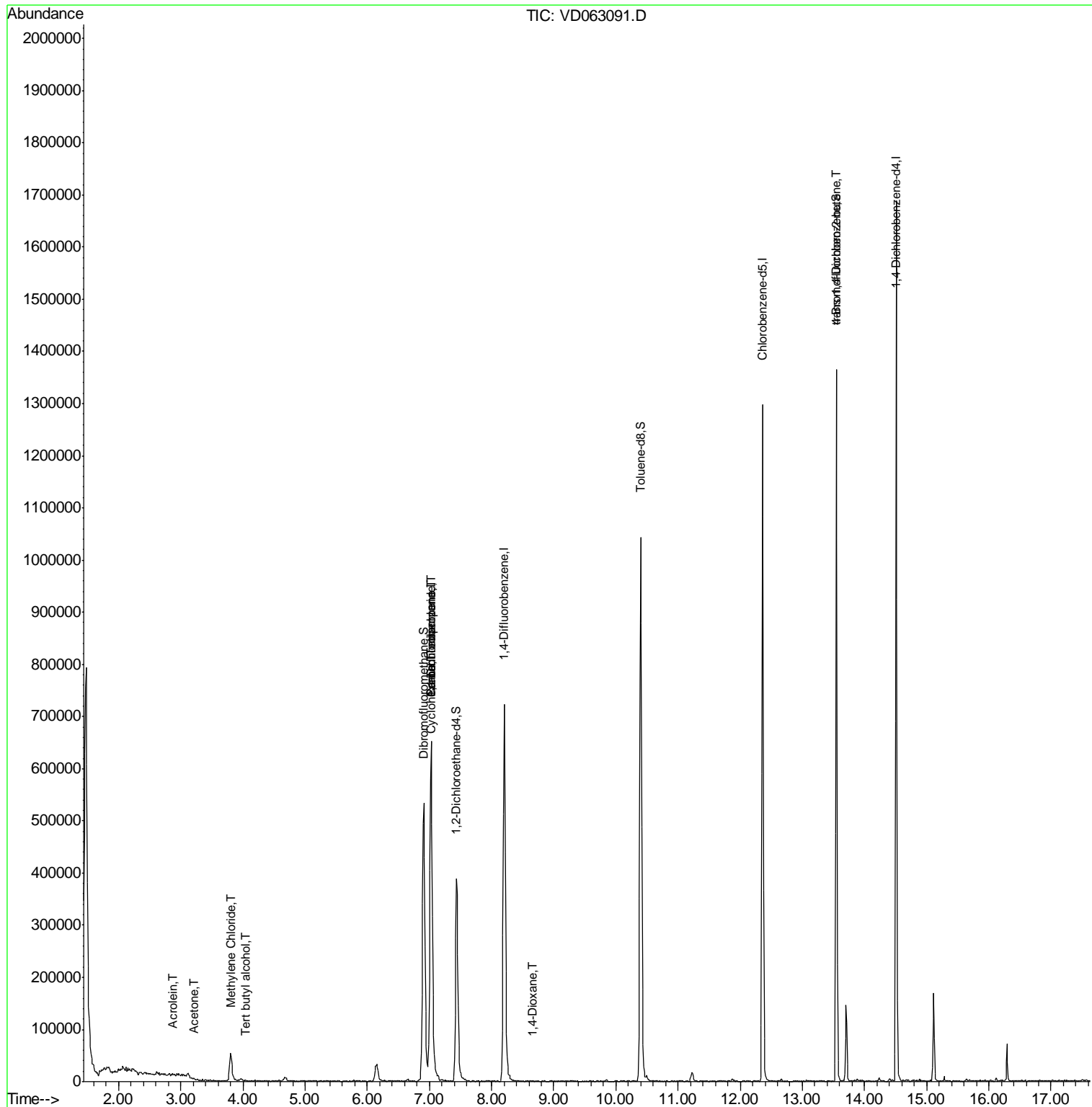
					Qvalue	
3) Chloromethane	1.73	50	490	Below Cal	#	48
5) Bromomethane	2.15	94	815	Below Cal	#	13
11) Tert butyl alcohol	4.03	59	1285	2.889	µg/l #	77
13) Acrolein	2.86	56	199	1.482	µg/l #	17
16) Acetone	3.21	43	5323	2.860	µg/l #	62
18) Methyl Acetate	3.59	43	1019	Below Cal	#	63
20) Methylene Chloride	3.80	84	34442	4.898	µg/l	94
31) Cyclohexane	7.01	56	13848	1.888	µg/l #	27
36) 1,1-Dichloropropene	7.03	75	47189	5.135	µg/l #	48
38) Carbon Tetrachloride	7.03	117	60141	4.307	µg/l #	17
49) 1,4-Dioxane	8.65	88	230	7.203	µg/l #	27
81) trans-1,4-Dichloro-2-buten	13.55	75	172973	123.349	µg/l #	1

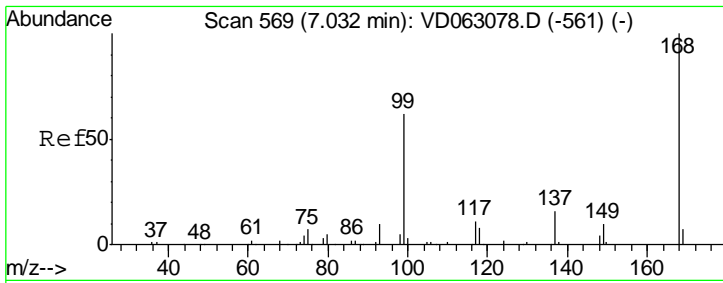
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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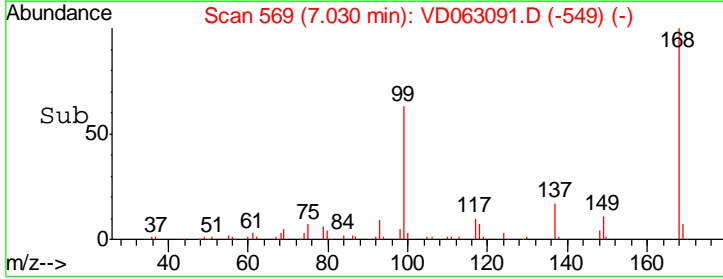
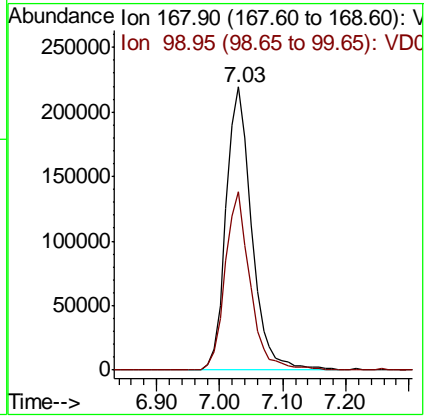
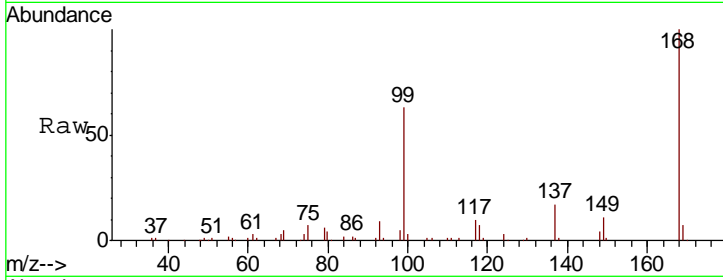




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

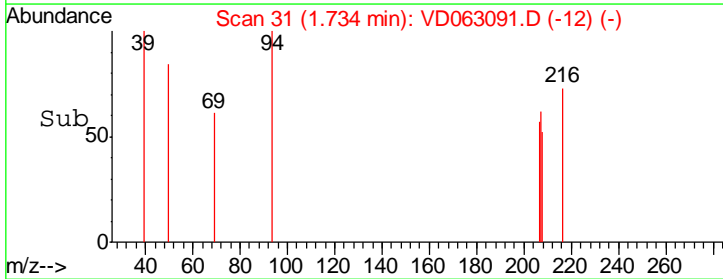
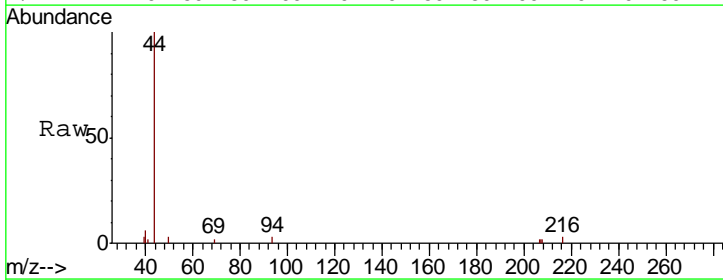
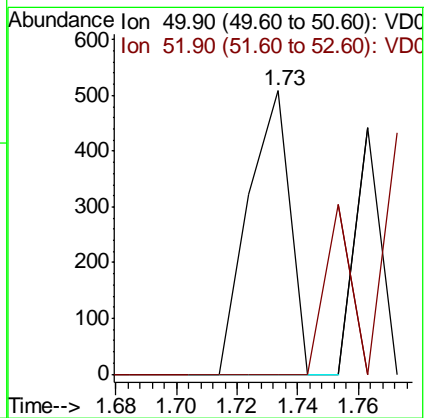
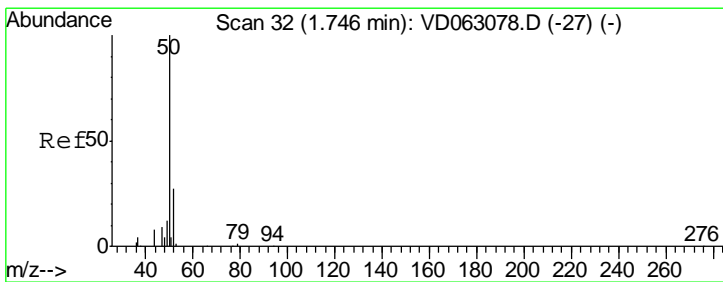
Instrument : MSVOA_D
 ClientSampleID : TP-4

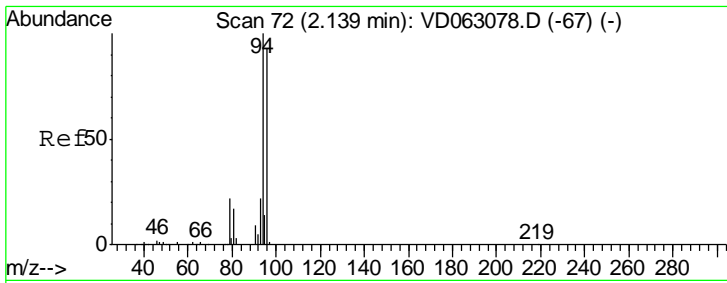
Tgt Ion	Resp	Lower	Upper
168	100		
99	63.1	50.8	76.2



#3
 Chloromethane
 Concen: Below Cal
 RT: 1.73 min Scan# 31
 Delta R.T. -0.01 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
50	100		
52	0.0	21.4	32.2#

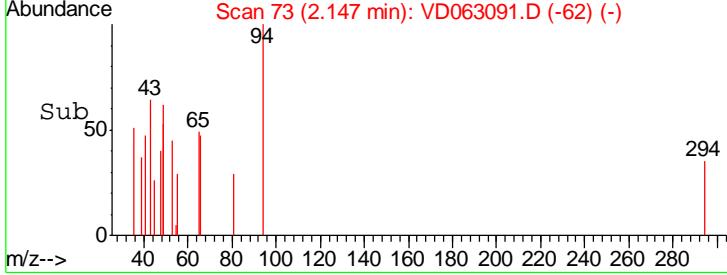
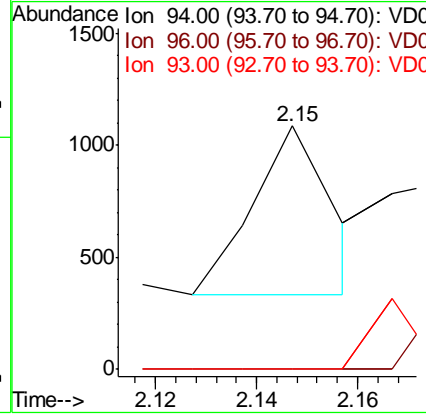
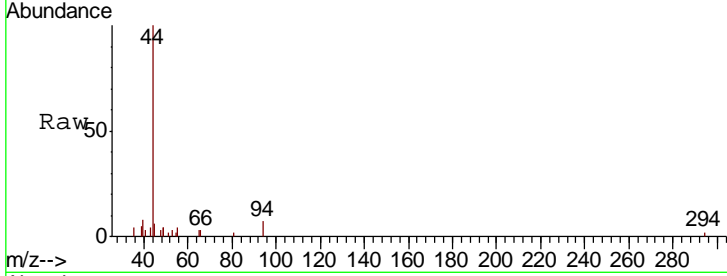




#5
 Bromomethane
 Concen: Below Cal
 RT: 2.15 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

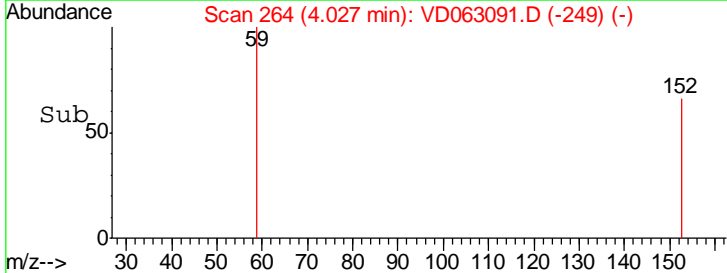
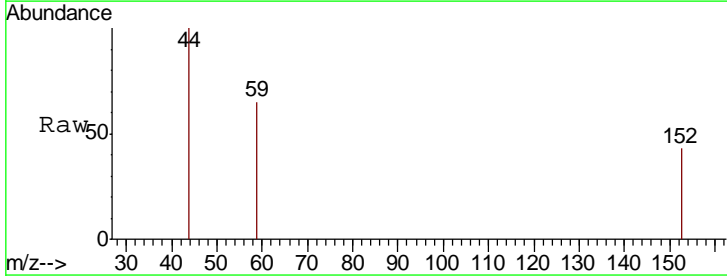
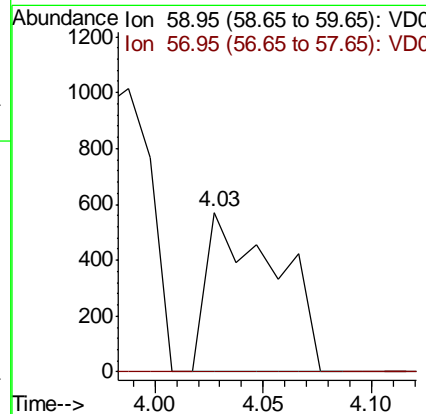
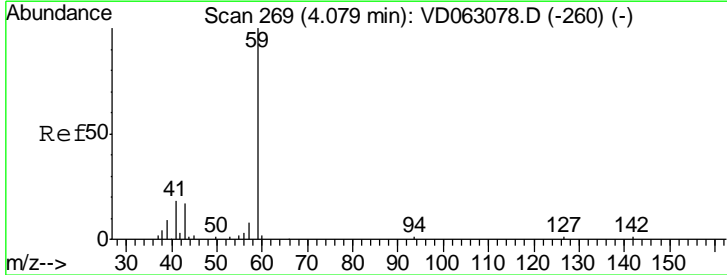
Instrument : MSVOA_D
 ClientSampled : TP-4

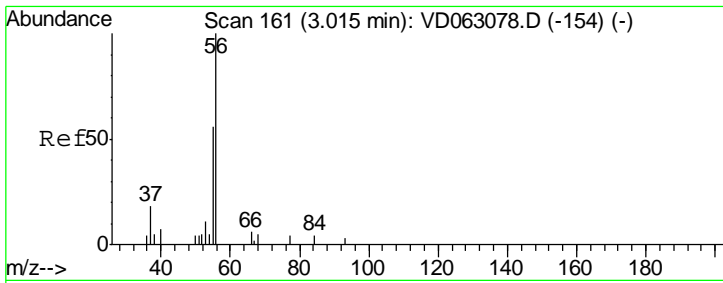
Tgt Ion	Resp	Lower	Upper
94	100		
96	0.0	74.2	111.2#
93	0.0	17.8	26.6#



#11
 Tert butyl alcohol
 Concen: 2.889 ug/l
 RT: 4.03 min Scan# 264
 Delta R.T. -0.05 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
59	100		
57	0.0	6.4	9.6#

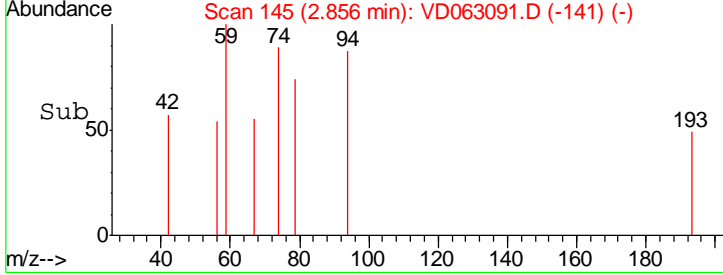
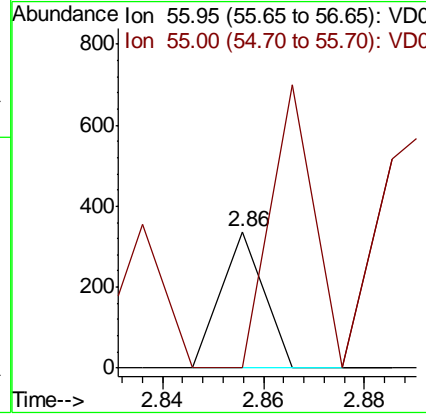
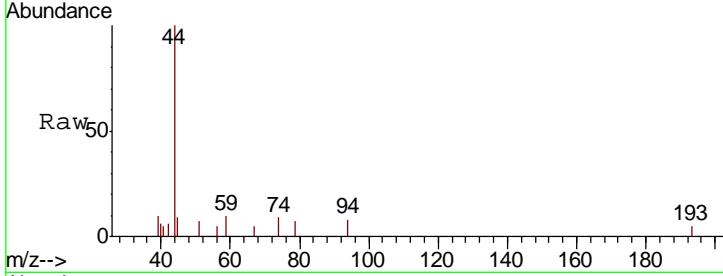




#13
 Acrolein
 Concen: 1.482 ug/l
 RT: 2.86 min Scan# 145
 Delta R.T. -0.16 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

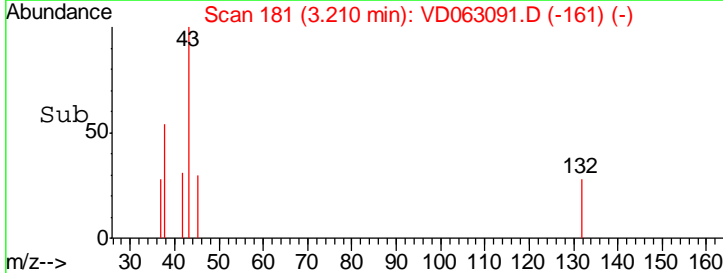
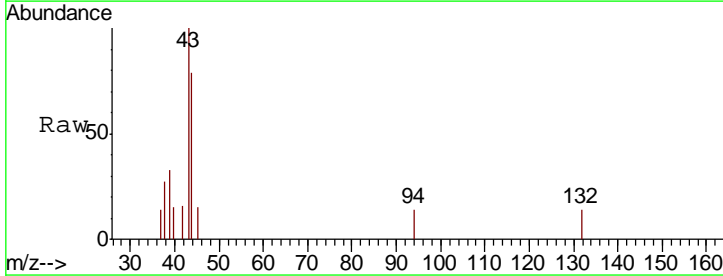
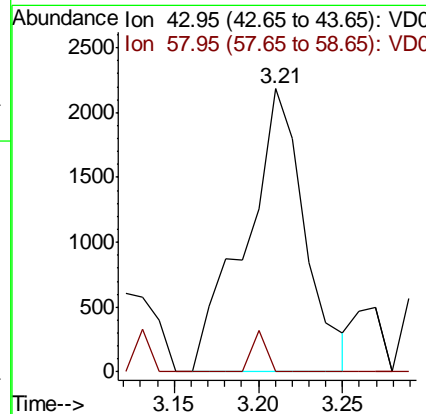
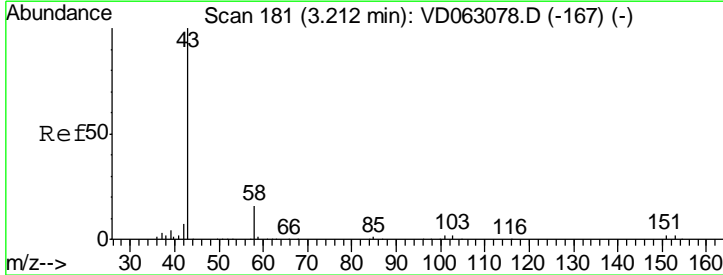
Instrument : MSVOA_D
 ClientSampled : TP-4

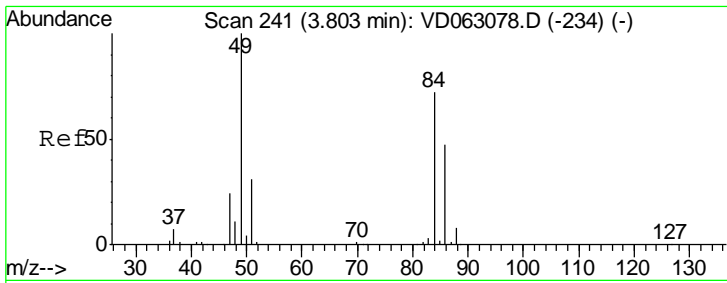
Tgt Ion	Resp	Lower	Upper
56	100		
55	0.0	53.0	79.4#



#16
 Acetone
 Concen: 2.860 ug/l
 RT: 3.21 min Scan# 181
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
43	100		
58	0.0	13.0	19.4#

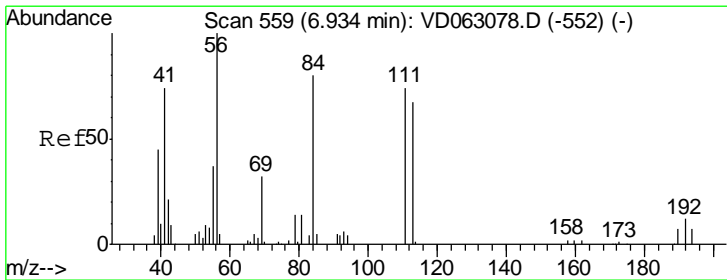
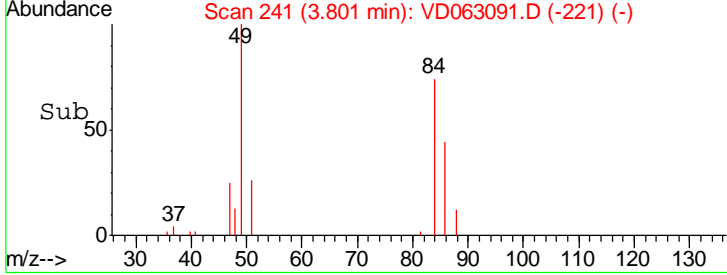
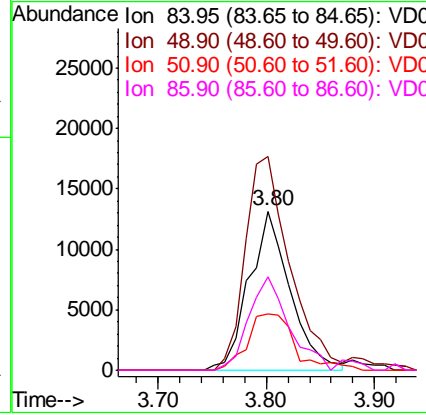
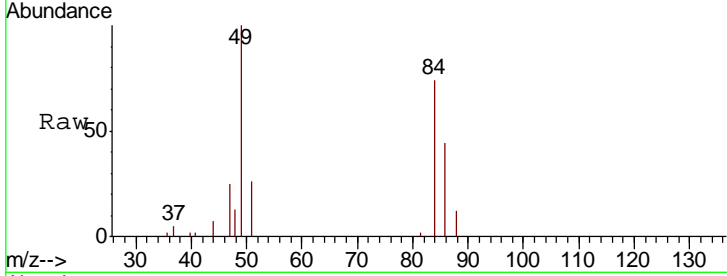




#20
 Methylene Chloride
 Concen: 4.898 ug/l
 RT: 3.80 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

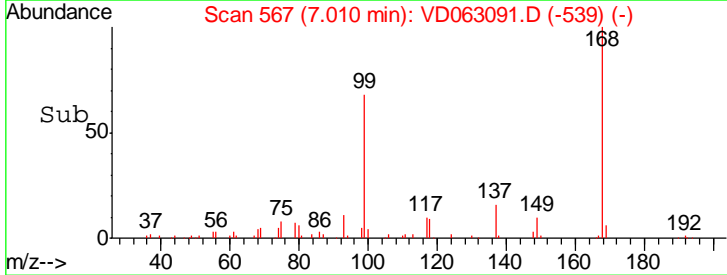
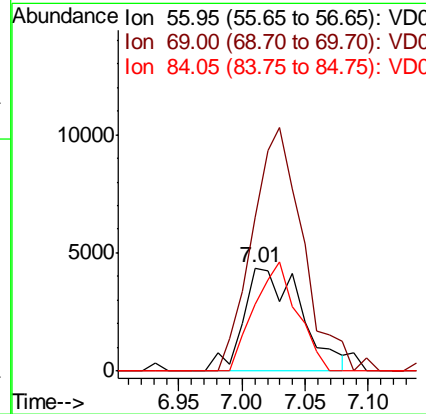
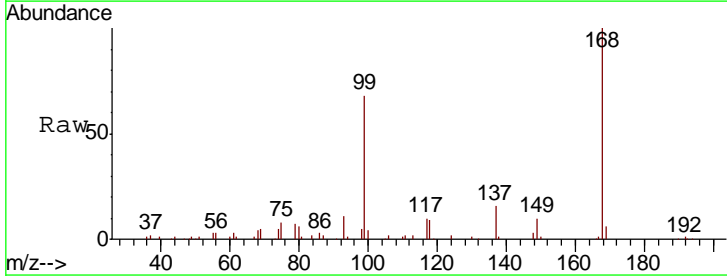
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

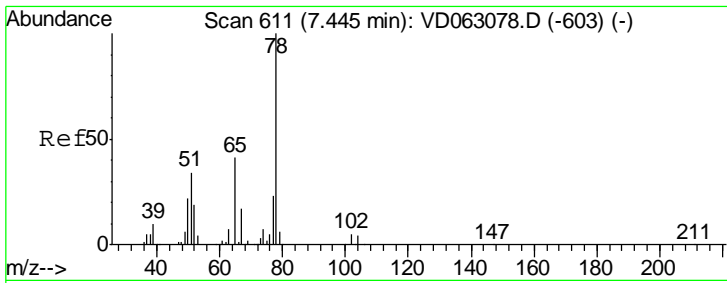
Tgt Ion	Resp	Lower	Upper
84	100		
49	134.6	110.5	165.7
51	35.5	34.6	51.8
86	58.9	51.6	77.4



#31
 Cyclohexane
 Concen: 1.888 ug/l
 RT: 7.01 min Scan# 567
 Delta R.T. 0.08 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
56	100		
69	149.5	25.3	37.9#
84	64.8	64.2	96.4

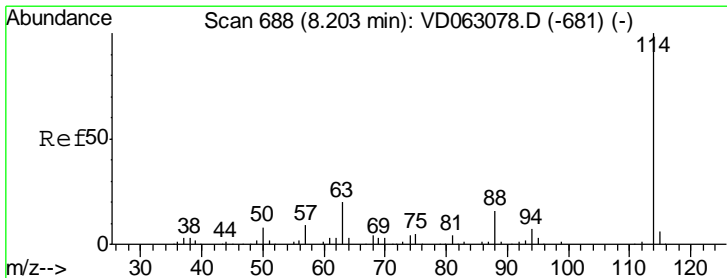
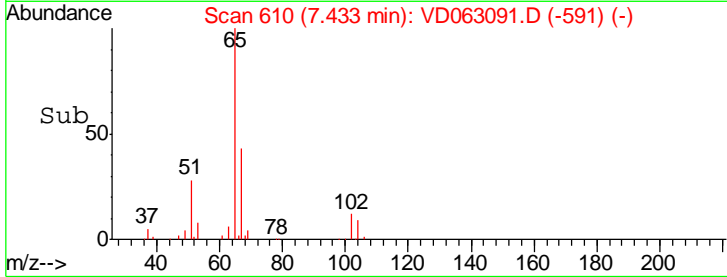
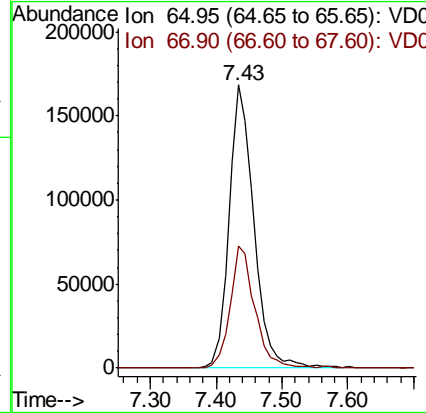
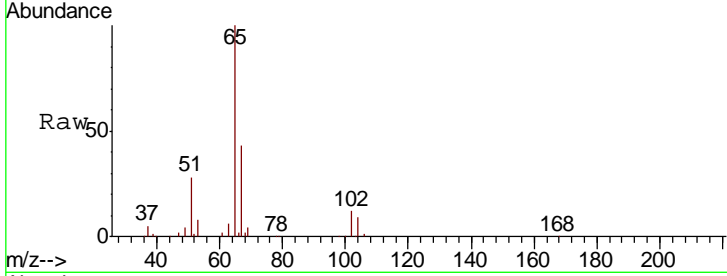




#33
 1,2-Dichloroethane-d4
 Concen: 57.634 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

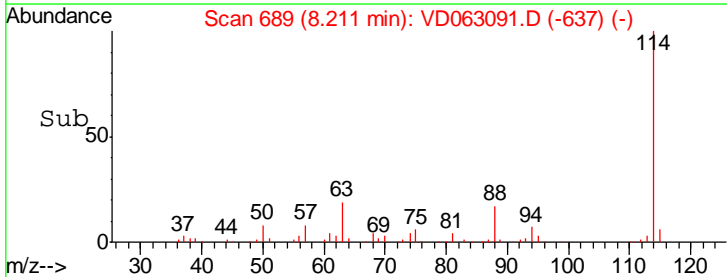
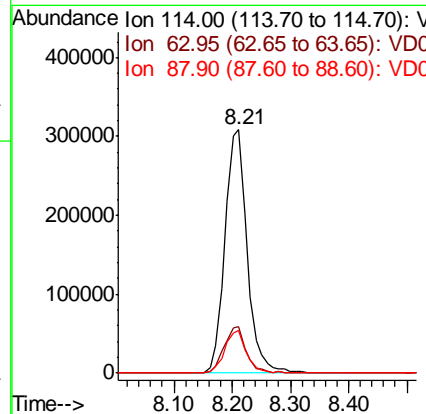
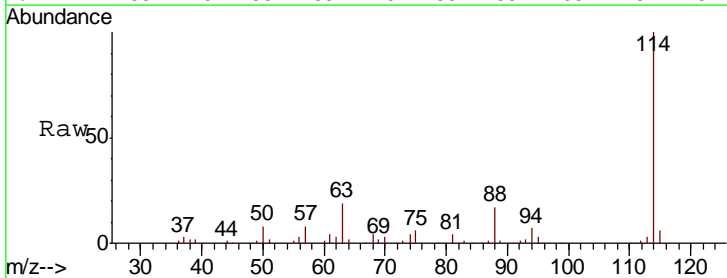
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

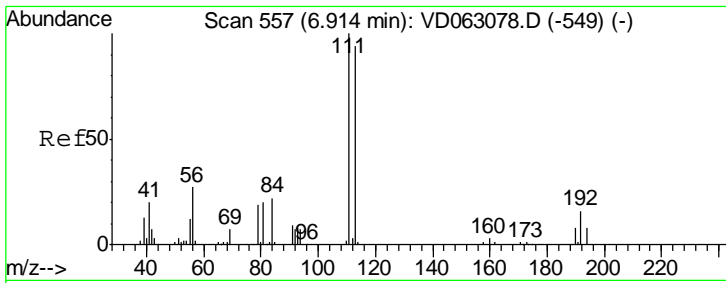
Tgt Ion	Resp	Lower	Upper
65	100		
67	43.1	0.0	86.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
114	100		
63	18.9	0.0	40.6
88	17.4	0.0	32.6

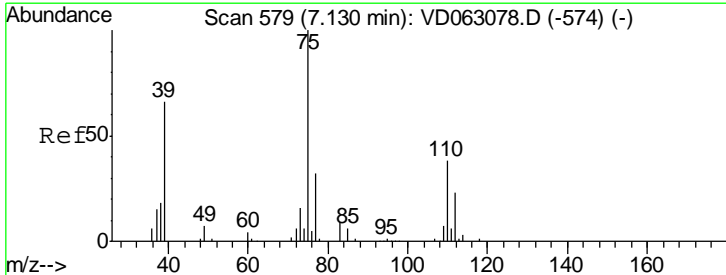
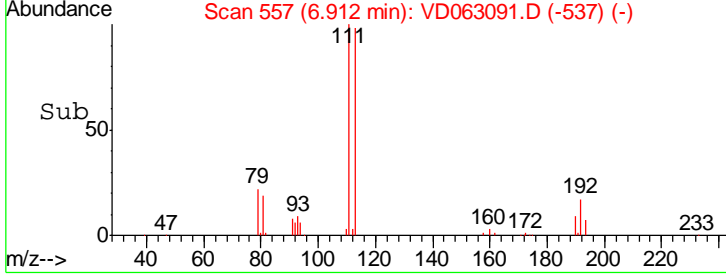
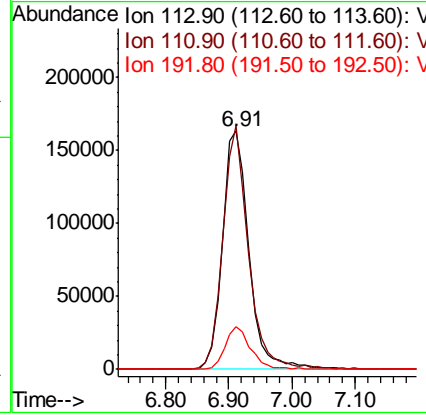
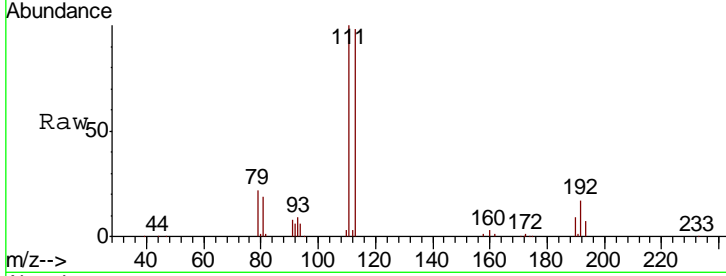




#35
 Dibromofluoromethane
 Concen: 58.496 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

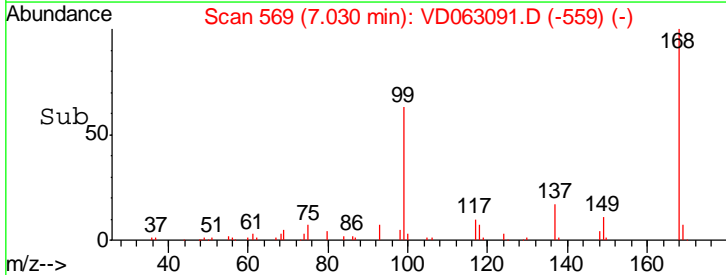
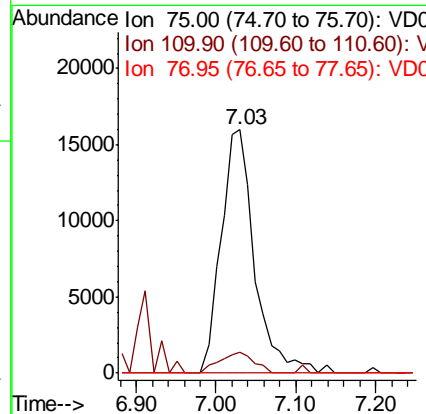
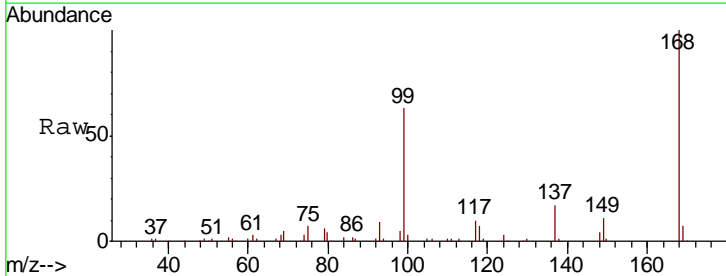
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

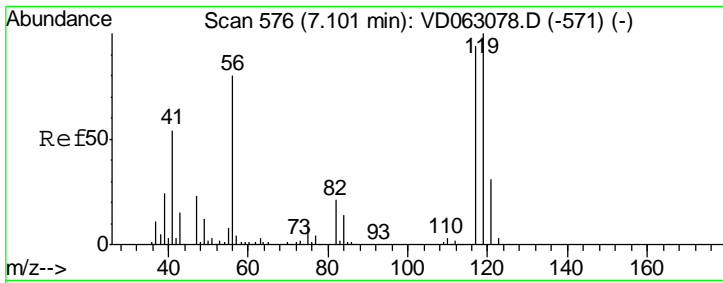
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.2	84.8	127.2
192	17.8	13.4	20.0



#36
 1,1-Dichloropropene
 Concen: 5.135 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.10 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
75	100		
110	8.6	18.9	56.5#
77	0.0	25.2	37.8#

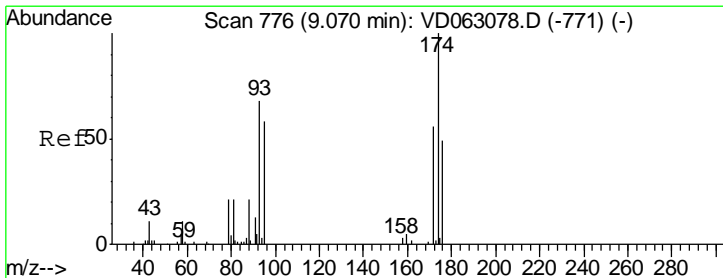
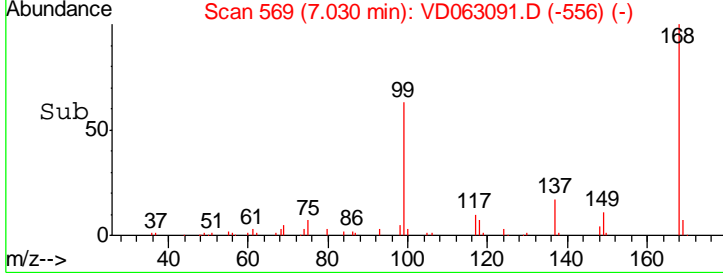
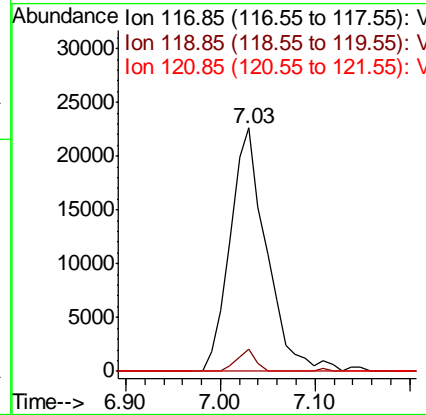
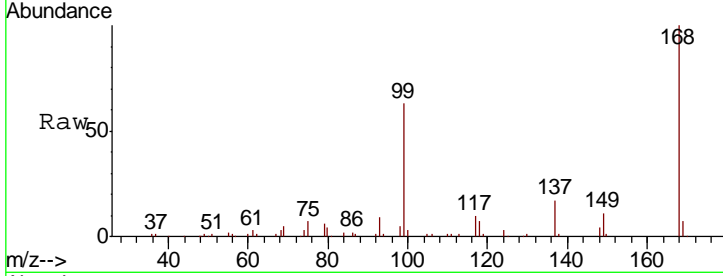




#38
 Carbon Tetrachloride
 Concen: 4.307 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.07 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

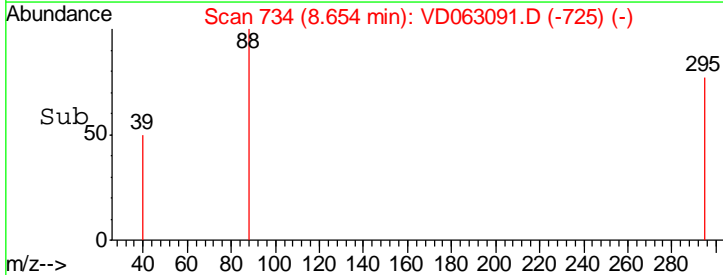
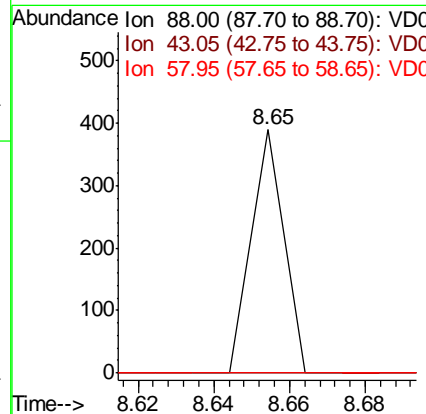
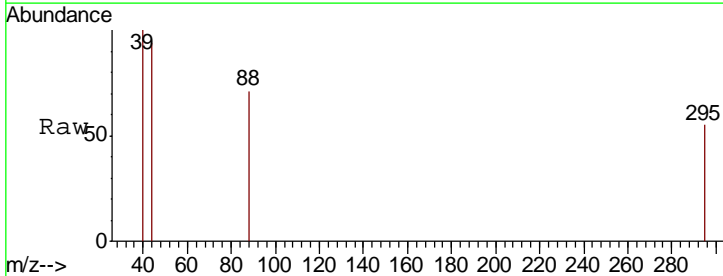
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

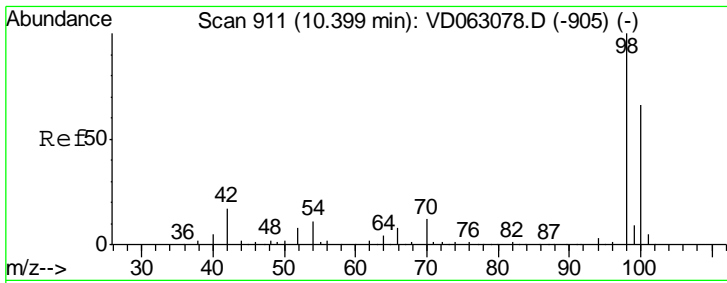
Tgt Ion	Resp	Lower	Upper
117	60141		
117	100		
119	9.1	80.0	120.0#
121	0.0	25.0	37.4#



#49
 1,4-Dioxane
 Concen: 7.203 ug/l
 RT: 8.65 min Scan# 734
 Delta R.T. -0.42 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
88	230		
88	100		
43	0.0	40.2	60.4#
58	0.0	41.6	62.4#

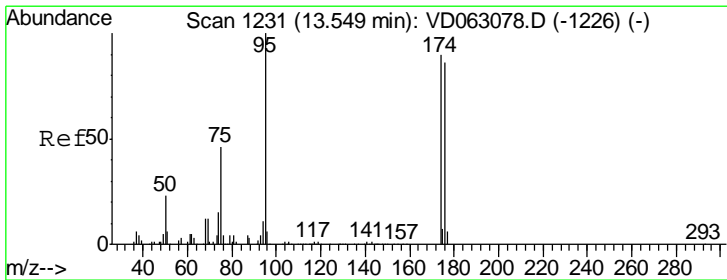
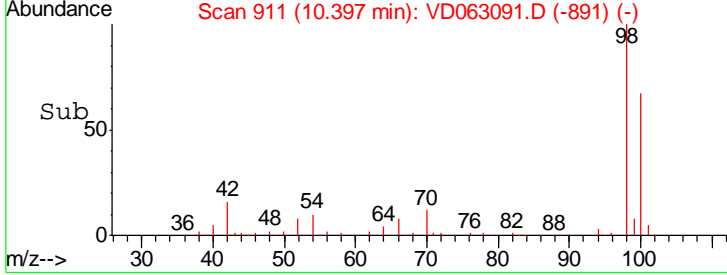
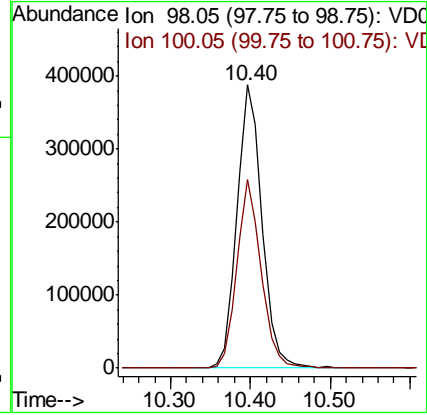
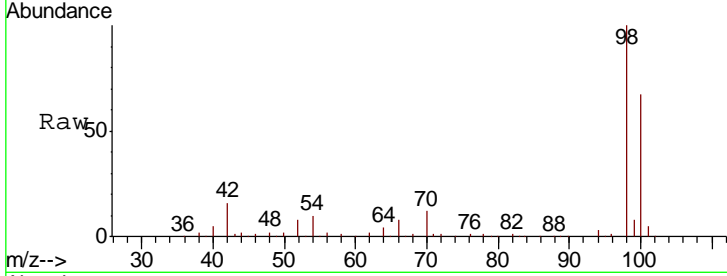




#50
 Toluene-d8
 Concen: 48.634 ug/l
 RT: 10.40 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

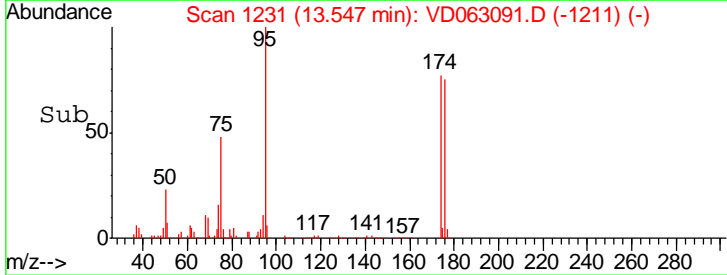
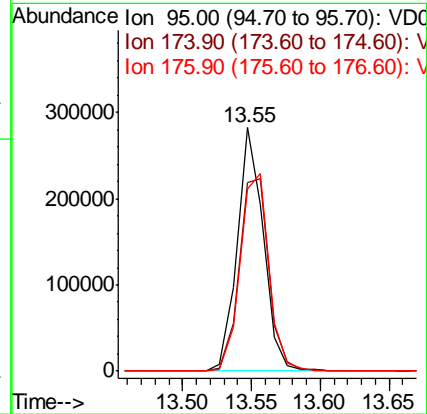
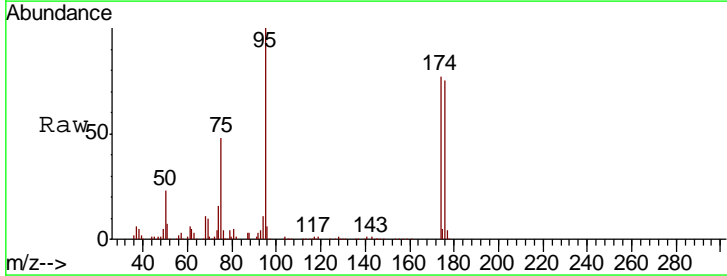
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

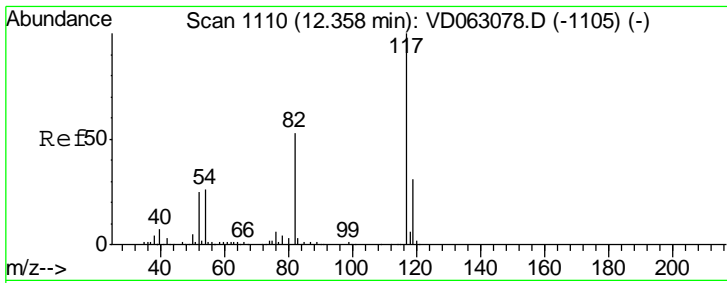
Tgt Ion	Resp	Lower	Upper
98	100		
100	66.5	53.5	80.3



#62
 4-Bromofluorobenzene
 Concen: 46.015 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
95	100		
174	77.3	0.0	180.6
176	74.7	0.0	172.2

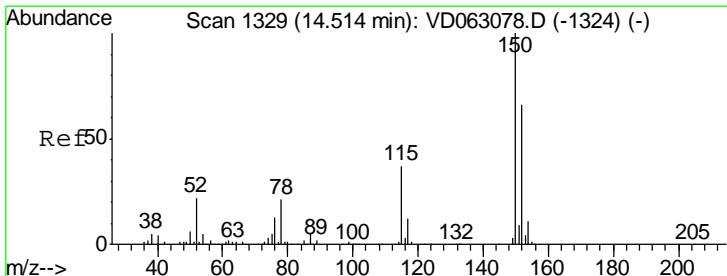
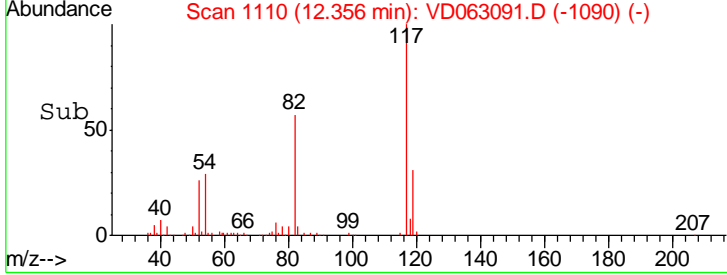
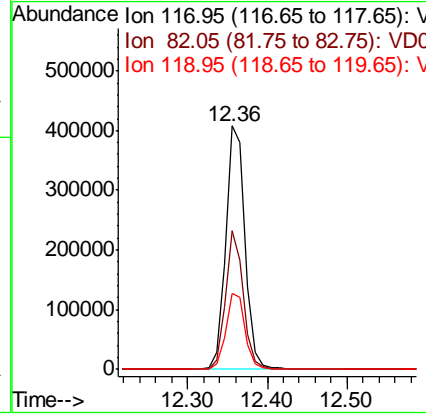
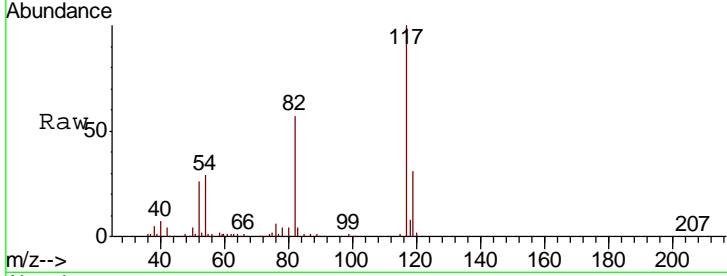




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

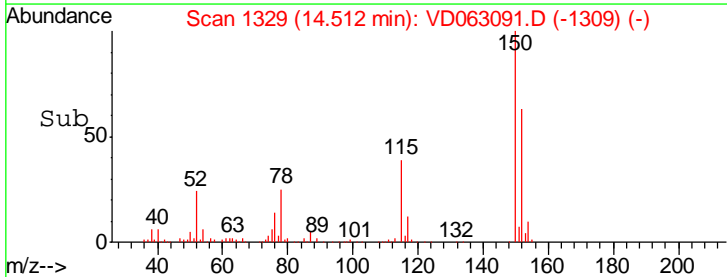
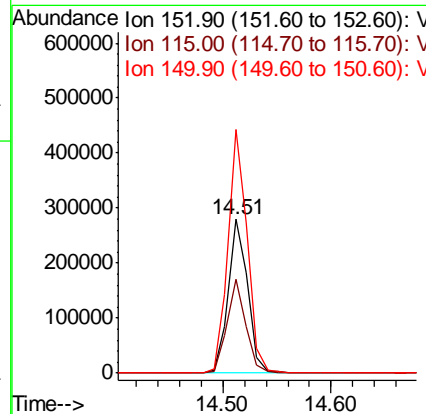
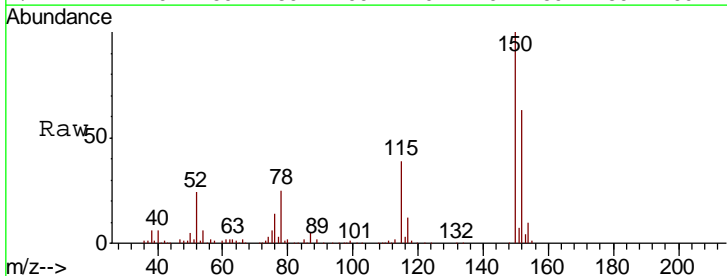
Instrument : MSVOA_D
 ClientSampled : TP-4

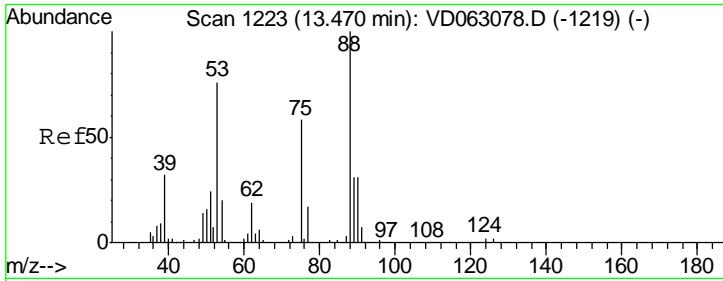
Tgt Ion	Resp	Lower	Upper
117	100		
82	57.2	42.3	63.5
119	31.1	25.2	37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion	Resp	Lower	Upper
152	100		
115	61.3	28.9	86.8
150	158.6	0.0	313.8





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.349 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. 0.08 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Instrument : MSVOA_D
 ClientSampled : TP-4

Tot Ion	Resp	Lower	Upper
75	172973		
53	0.0	104.4	156.6#
89	0.0	43.1	64.7#

