

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065916.D
 Acq On : 01 Jul 2020 19:51
 Operator : VA/SY
 Sample : L3197-01
 Misc : 5.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1-VOC

Quant Time: Jul 02 04:48:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	111450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	202268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	177894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	77281	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	58890	50.86	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	101.72%	
35) Dibromofluoromethane	7.91	113	58653	46.91	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	93.82%	
50) Toluene-d8	10.34	98	206117	43.83	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	87.66%	
62) 4-Bromofluorobenzene	12.64	95	66825	43.37	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	86.74%	

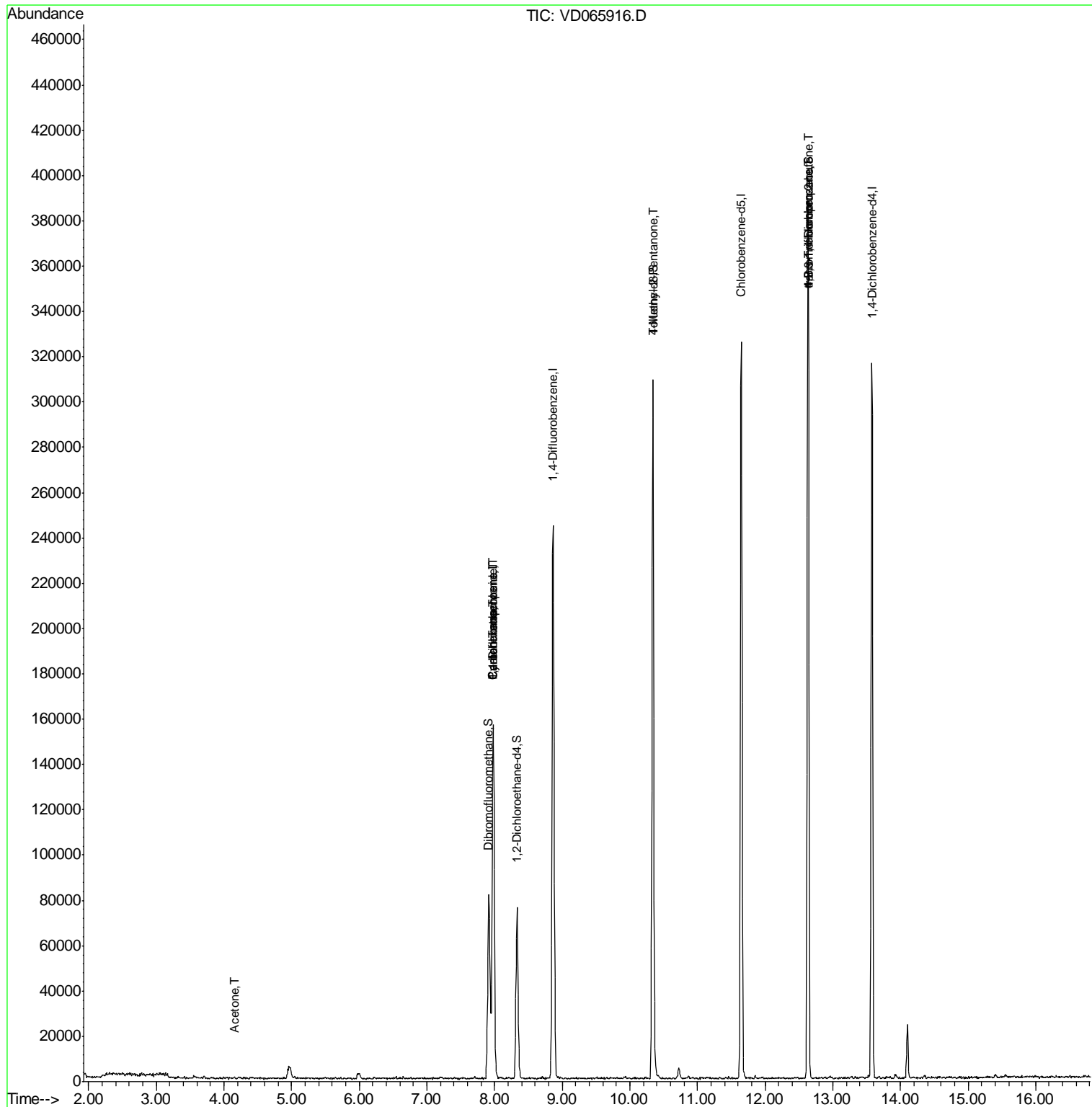
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	110	Below Cal	#	69
16) Acetone	4.16	43	542	2.389	ug/l #	51
20) Methylene Chloride	4.97	84	4624	Below Cal	#	84
31) Cyclohexane	7.98	56	2956	1.425	ug/l #	30
36) 1,1-Dichloropropene	7.97	75	9676	4.906	ug/l #	50
38) Carbon Tetrachloride	7.98	117	12580	5.907	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	955	1.268	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	39454	58.345	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	39454	125.345	ug/l #	10

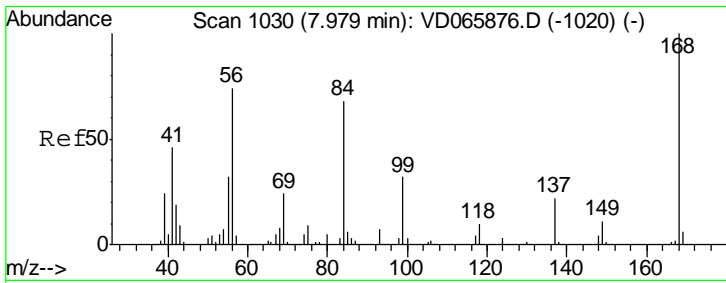
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :
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Quant Time: Jul 02 04:48:14 2020
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 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

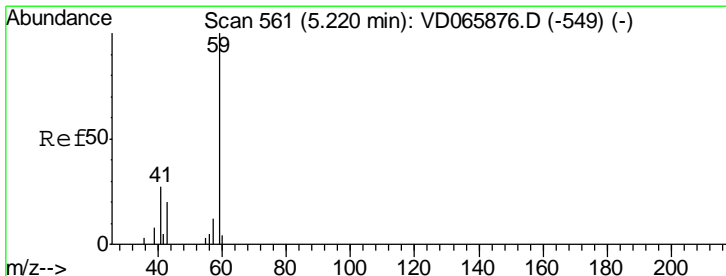
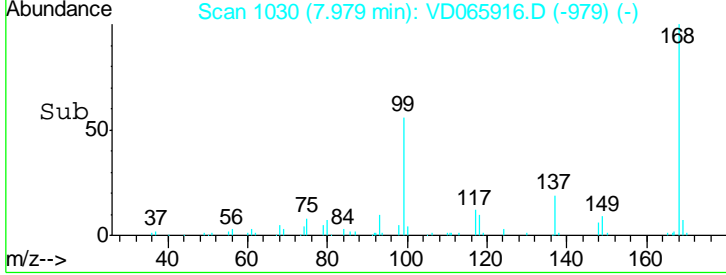
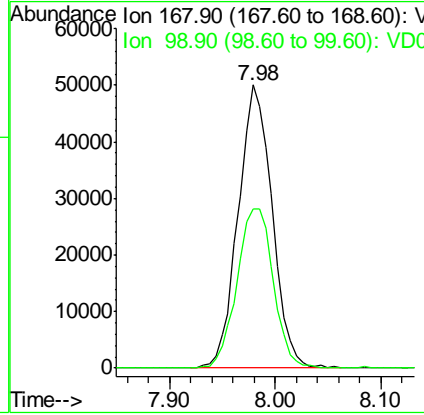
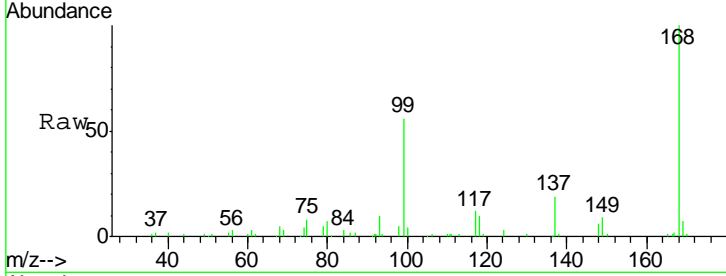




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

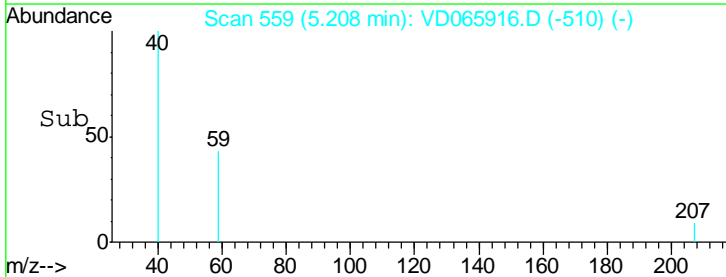
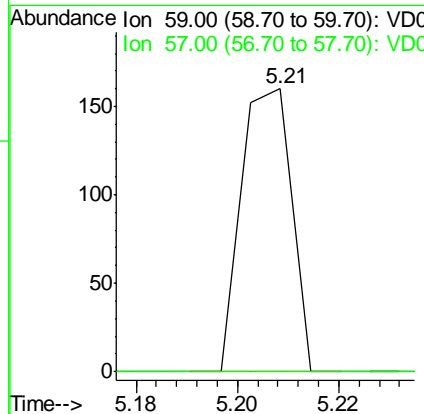
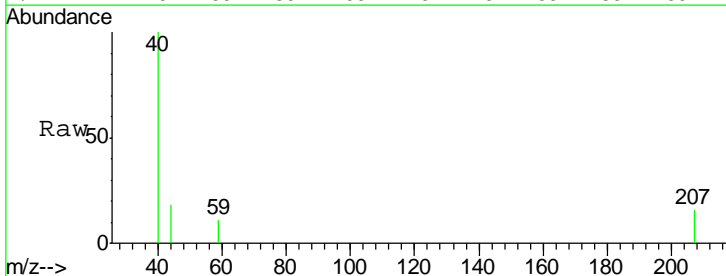
Instrument :
 MSVOA_D
 ClientSampled :
 MH-1-VOC

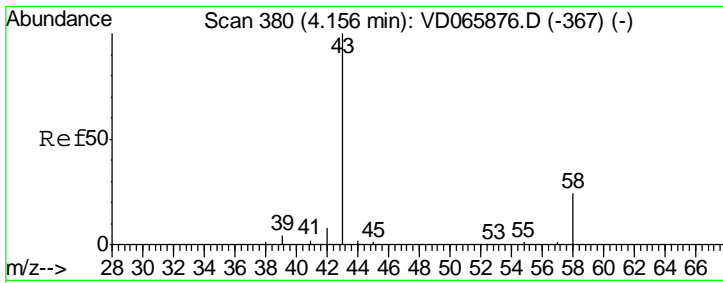
Tgt Ion: 168 Resp: 111450
 Ion Ratio Lower Upper
 168 100
 99 56.4 51.3 76.9



#11
 Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion: 59 Resp: 110
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.7 14.5#

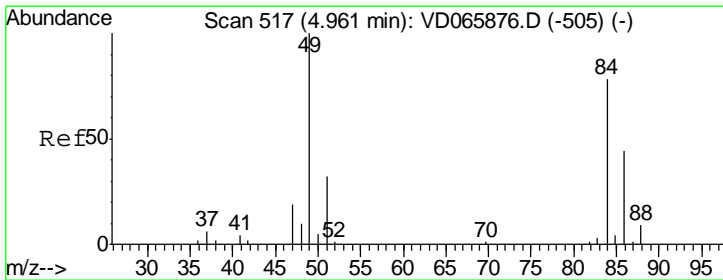
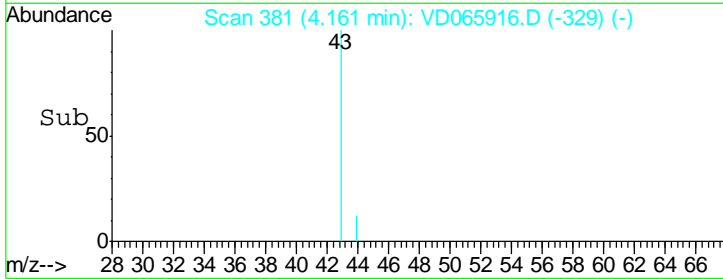
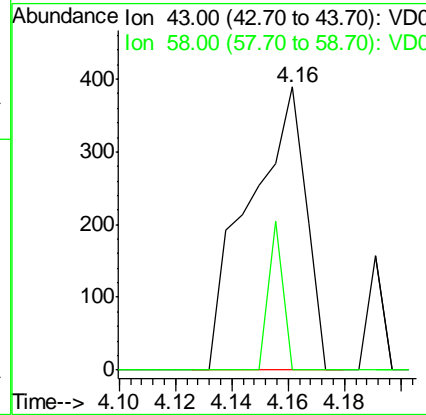
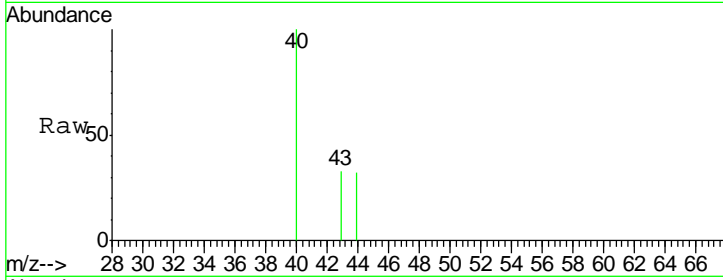




#16
 Acetone
 Concen: 2.389 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

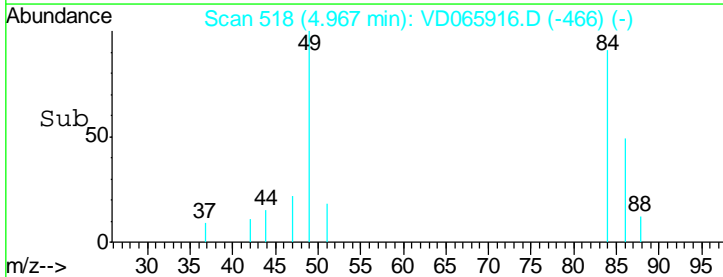
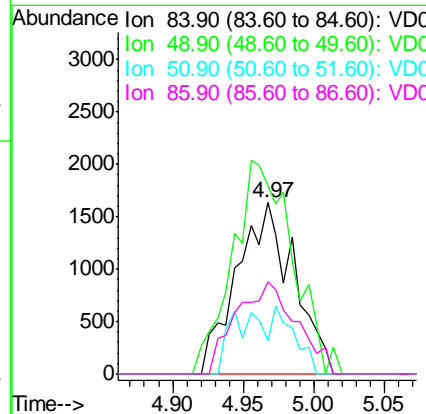
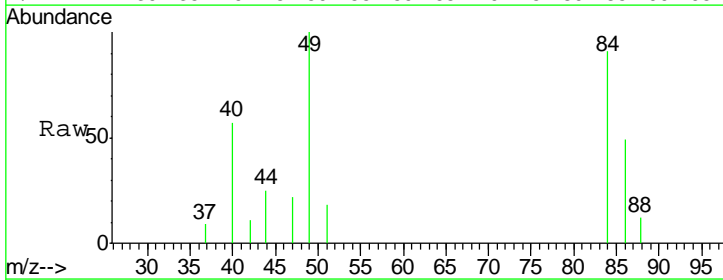
Instrument :
 MSVOA_D
Client Sampled :
 MH-1-VOC

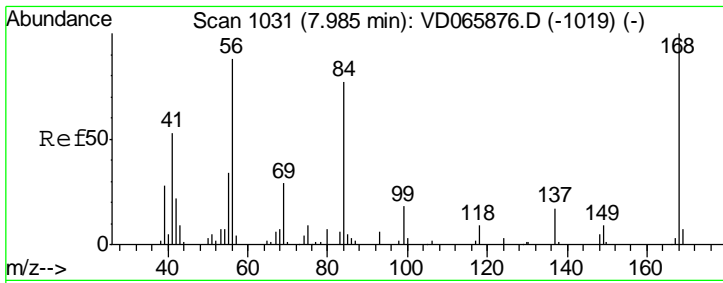
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.5	29.3#



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.3	103.0	154.6
51	19.4	32.7	49.1#
86	53.6	44.9	67.3

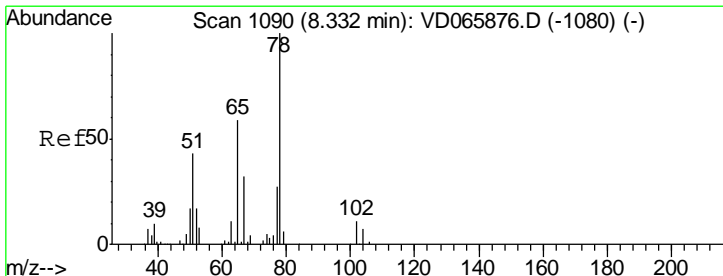
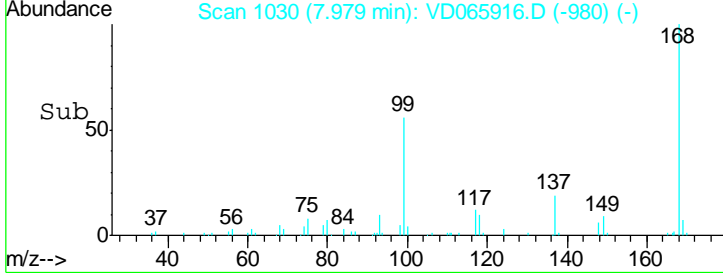
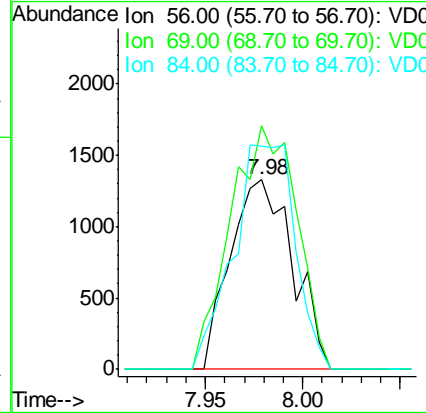
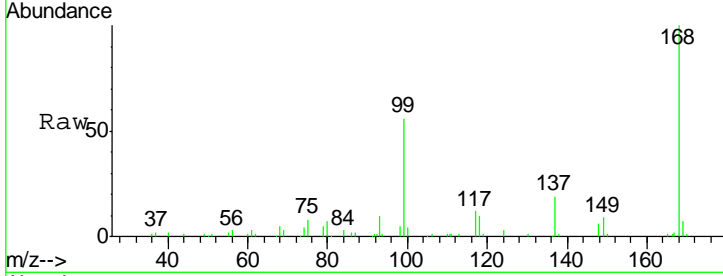




#31
 Cyclohexane
 Concen: 1.425 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

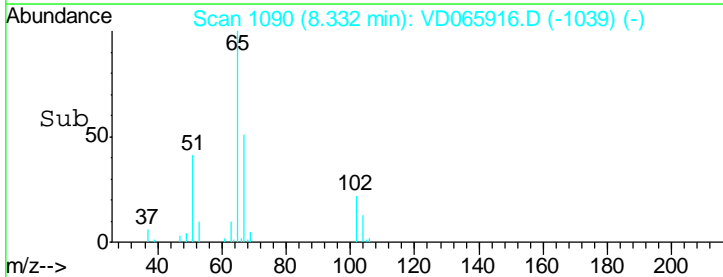
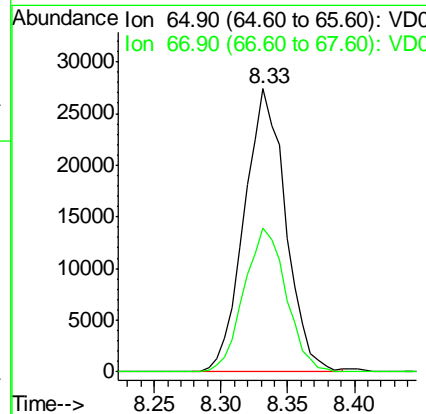
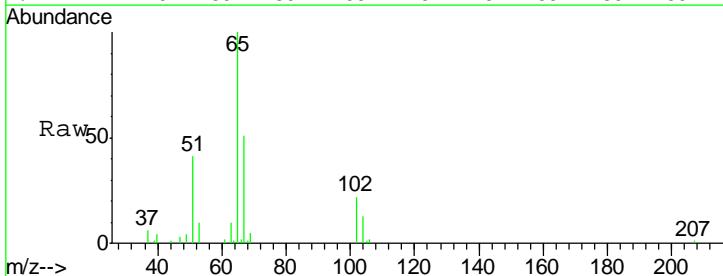
Instrument :
 MSVOA_D
 ClientSampled :
 MH-1-VOC

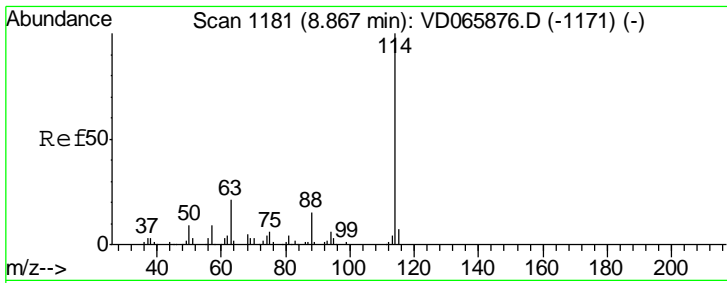
Tgt Ion	Resp	Lower	Upper
56	100		
69	128.6	26.2	39.4#
84	117.7	70.3	105.5#



#33
 1,2-Dichloroethane-d4
 Concen: 50.861 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion	Resp	Lower	Upper
65	100		
67	51.6	0.0	103.0

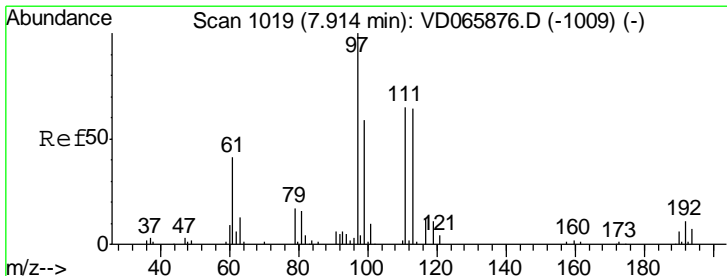
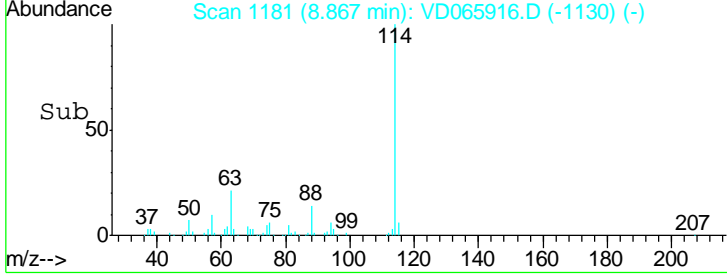
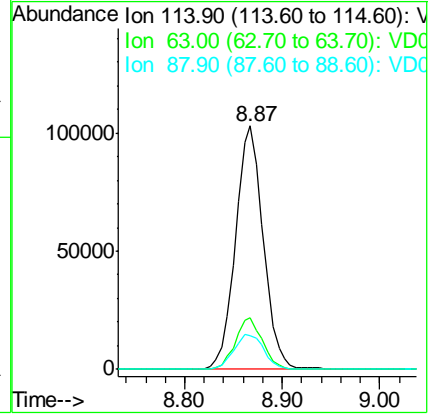
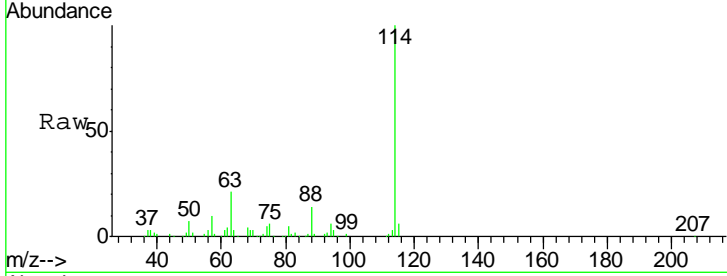




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

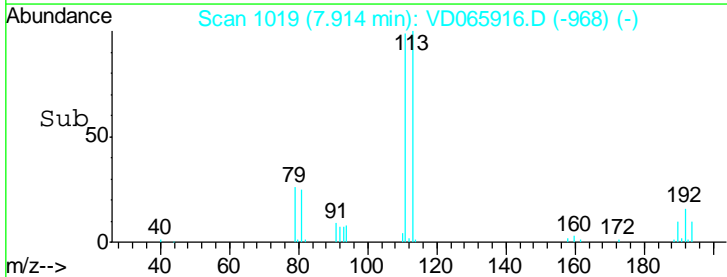
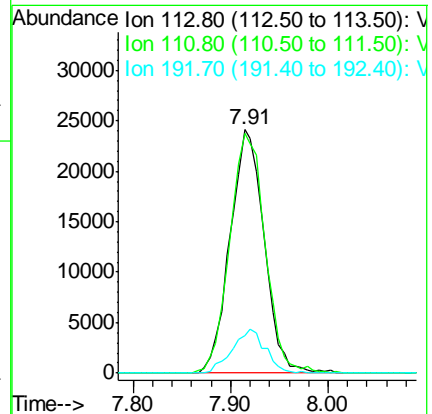
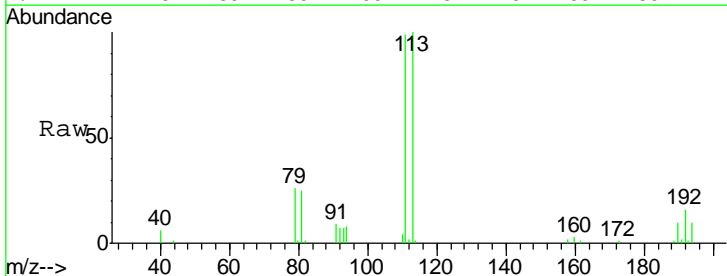
Instrument :
 MSVOA_D
 ClientSampled :
 MH-1-VOC

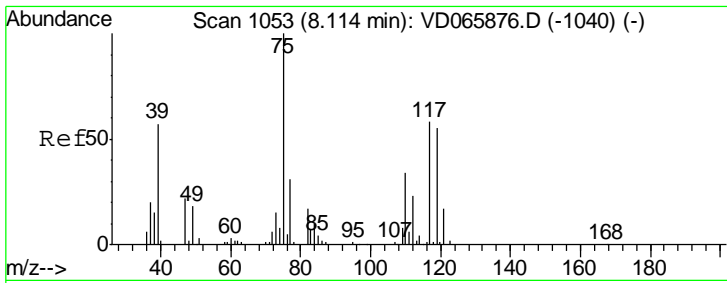
Tgt Ion	Resp	Lower	Upper
114	100		
63	21.0	0.0	42.6
88	14.1	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 46.914 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.1	81.0	121.6
192	17.7	15.2	22.8

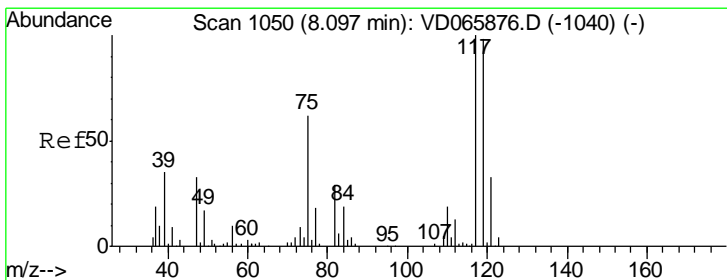
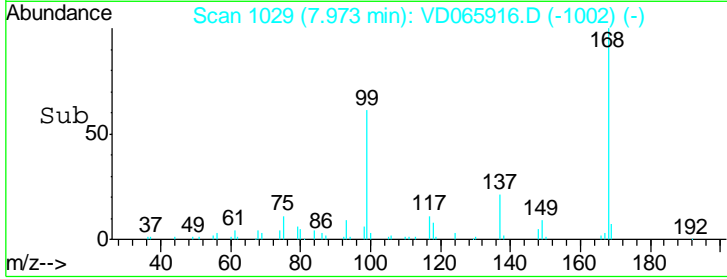
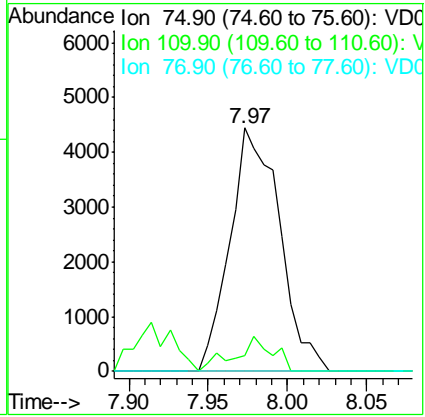
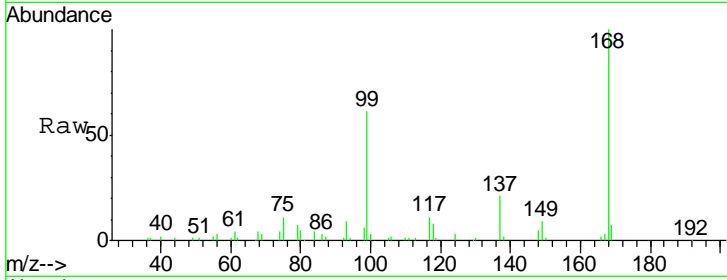




#36
 1,1-Dichloropropene
 Concen: 4.906 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

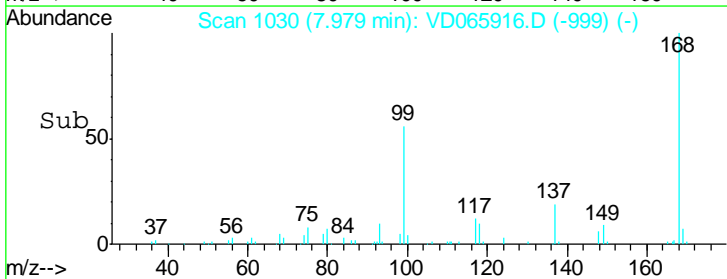
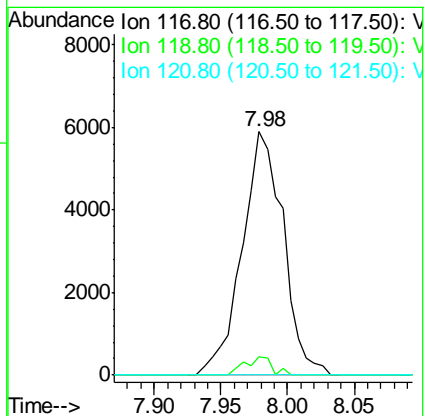
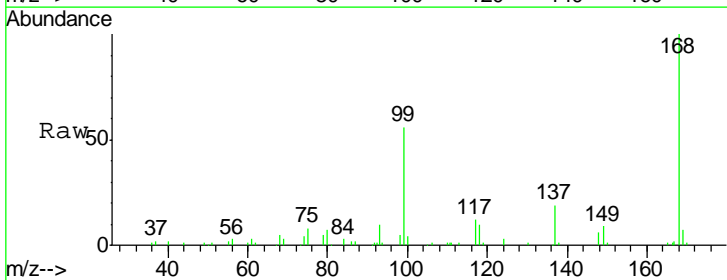
Instrument : MSVOA_D
 ClientSampleId : MH-1-VOC

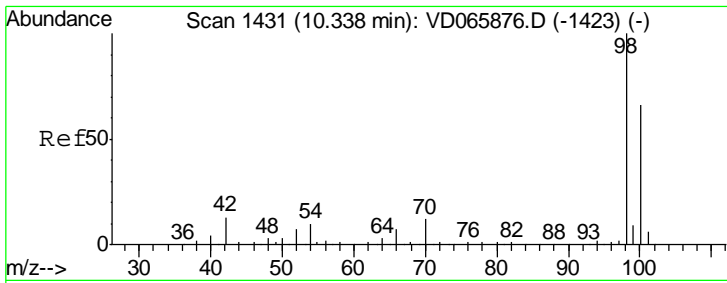
Tgt Ion	Resp	Lower	Upper
75	100		
110	8.3	16.8	50.4#
77	0.0	24.0	36.0#



#38
 Carbon Tetrachloride
 Concen: 5.907 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion	Resp	Lower	Upper
117	100		
119	7.6	78.6	117.8#
121	0.0	26.5	39.7#

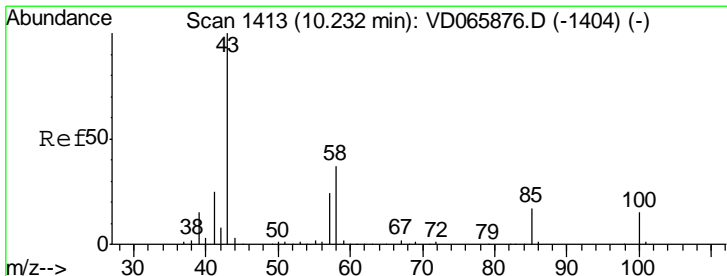
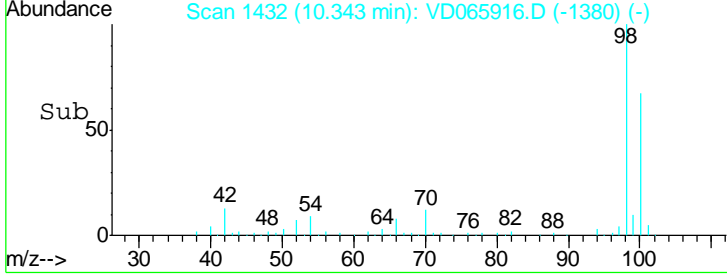
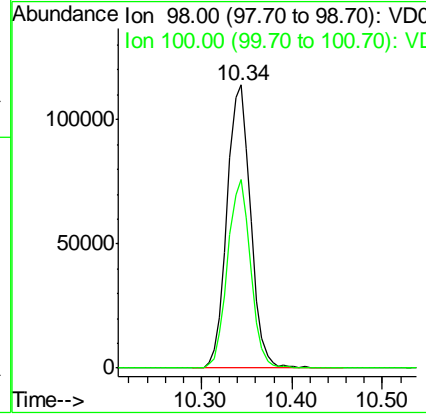
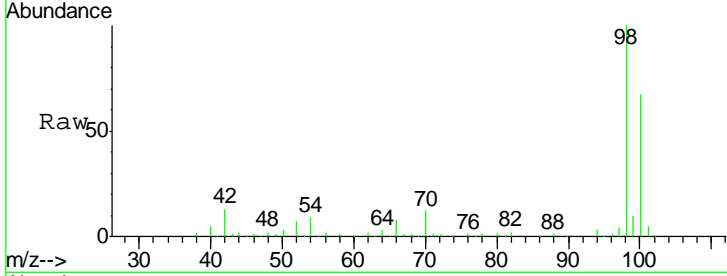




#50
 Toluene-d8
 Concen: 43.827 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

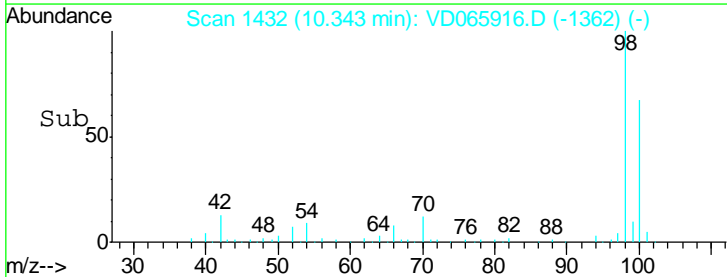
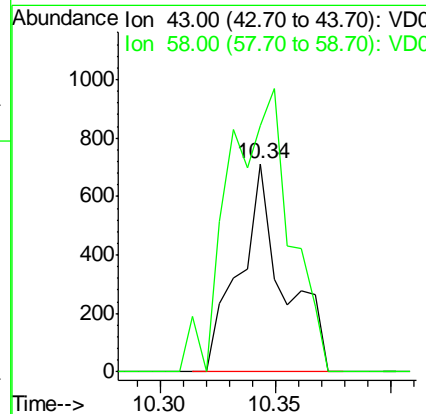
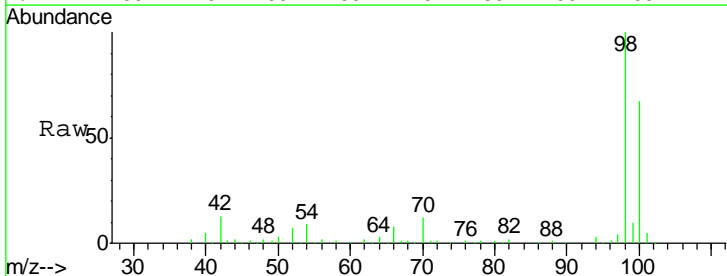
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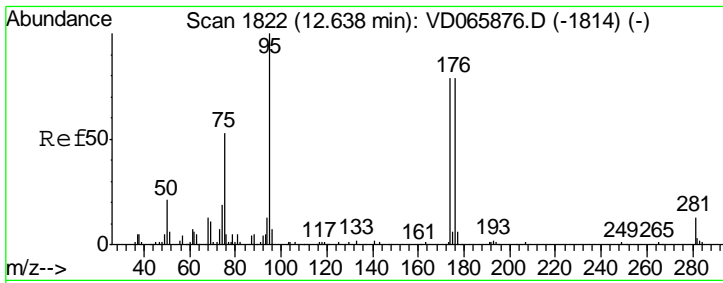
Tgt Ion: 98 Resp: 206117
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.3 78.5



#51
 4-Methyl-2-Pentanone
 Concen: 1.268 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.11 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion: 43 Resp: 955
 Ion Ratio Lower Upper
 43 100
 58 189.1 29.5 44.3#

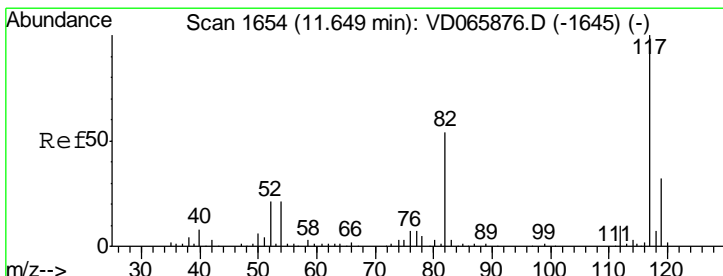
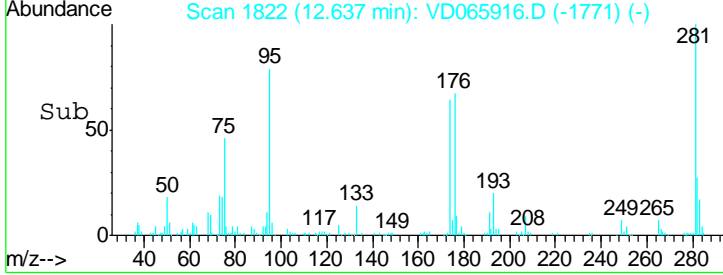
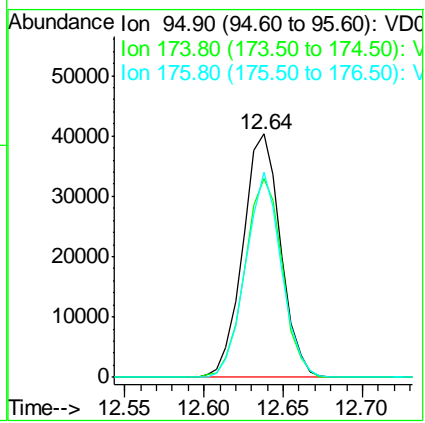
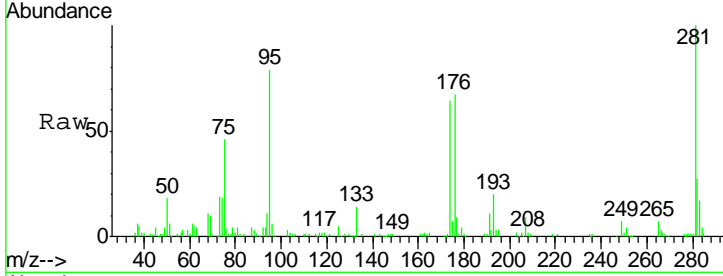




#62
 4-Bromofluorobenzene
 Concen: 43.374 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

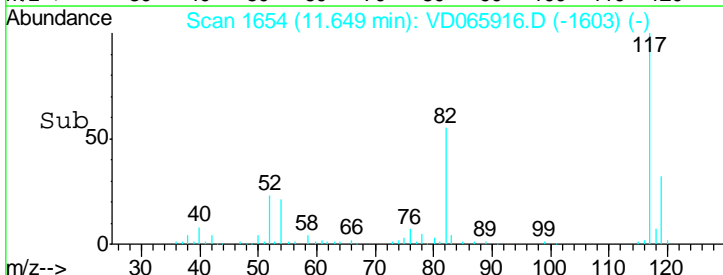
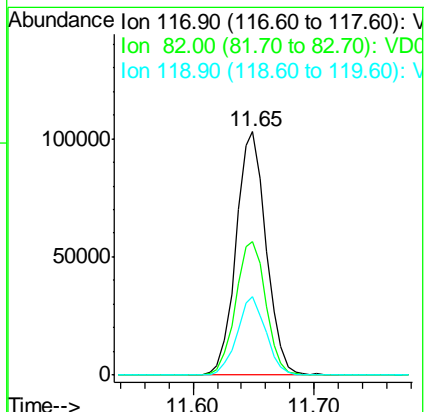
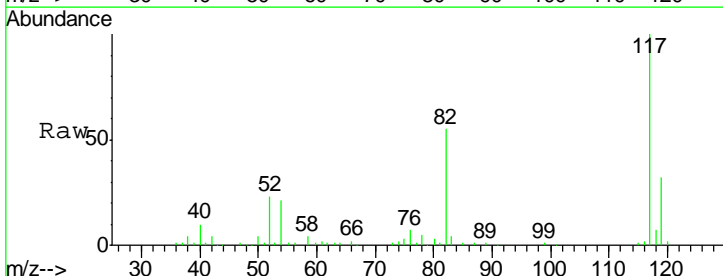
Instrument :
 MSVOA_D
 ClientSampled :
 MH-1-VOC

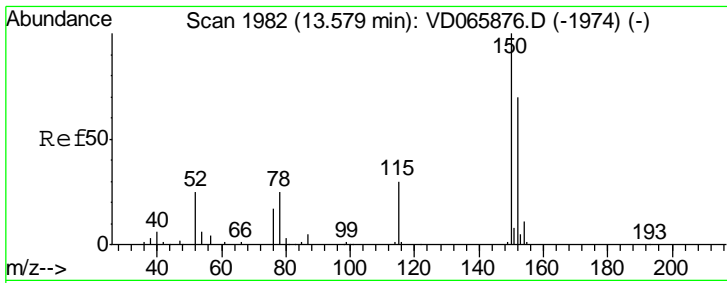
Tgt Ion	Resp	Lower	Upper
95	66825		
174	81.0	0.0	158.4
176	79.9	0.0	156.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion	Resp	Lower	Upper
117	177894		
82	54.9	43.6	65.4
119	32.2	25.9	38.9

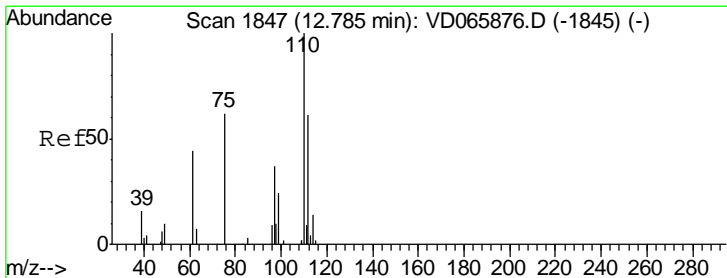
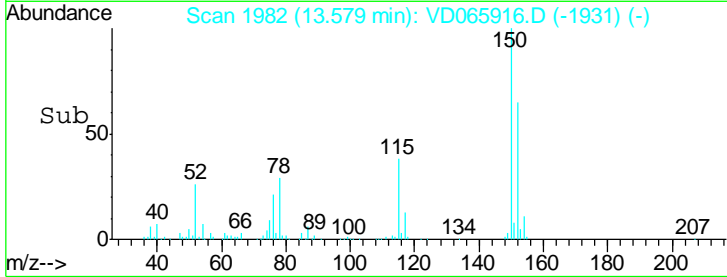
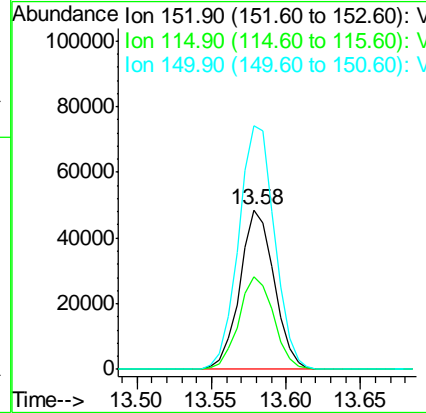
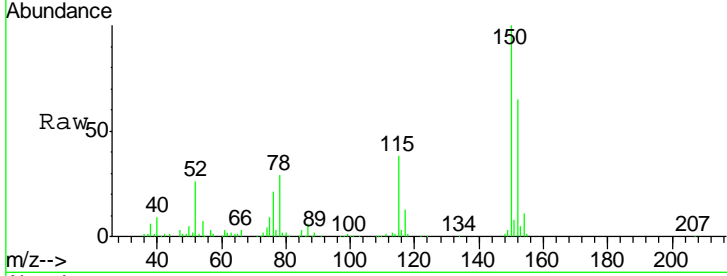




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

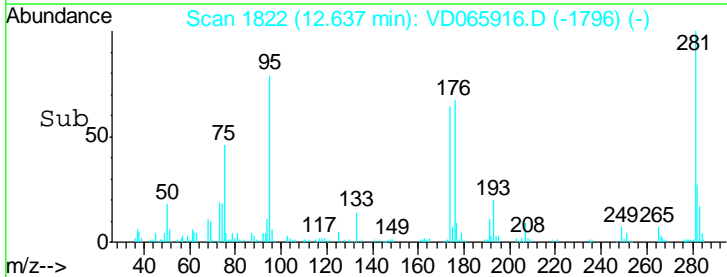
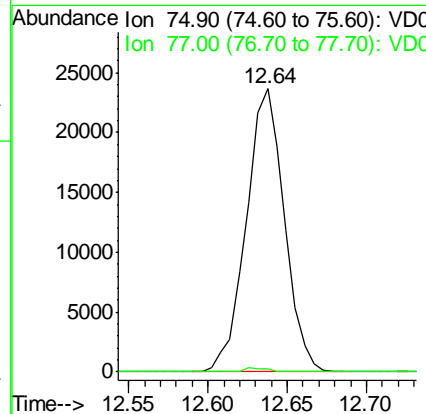
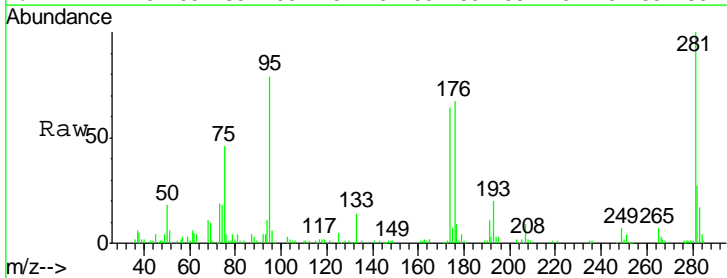
Instrument :
 MSVOA_D
 ClientSampled :
 MH-1-VOC

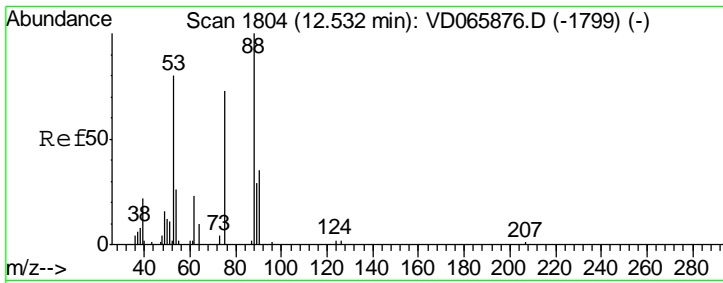
Tgt Ion	Resp	Lower	Upper
152	100		
115	59.0	29.7	89.1
150	160.6	0.0	346.2



#76
 1,2,3-Trichloropropane
 Concen: 58.345 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.8	168.5	505.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.345 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD065916.D
 Acq: 01 Jul 2020 19:51

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1-VOC

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.6	121.0#
89	2.0	36.5	54.7#

