

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069219.D
 Acq On : 20 May 2021 15:25
 Operator : VA/SY
 Sample : M2420-04
 Misc : 5.07G/5.00ml/MSVOA_D/soil
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCESSION-CP-4

Quant Time: May 21 00:54:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

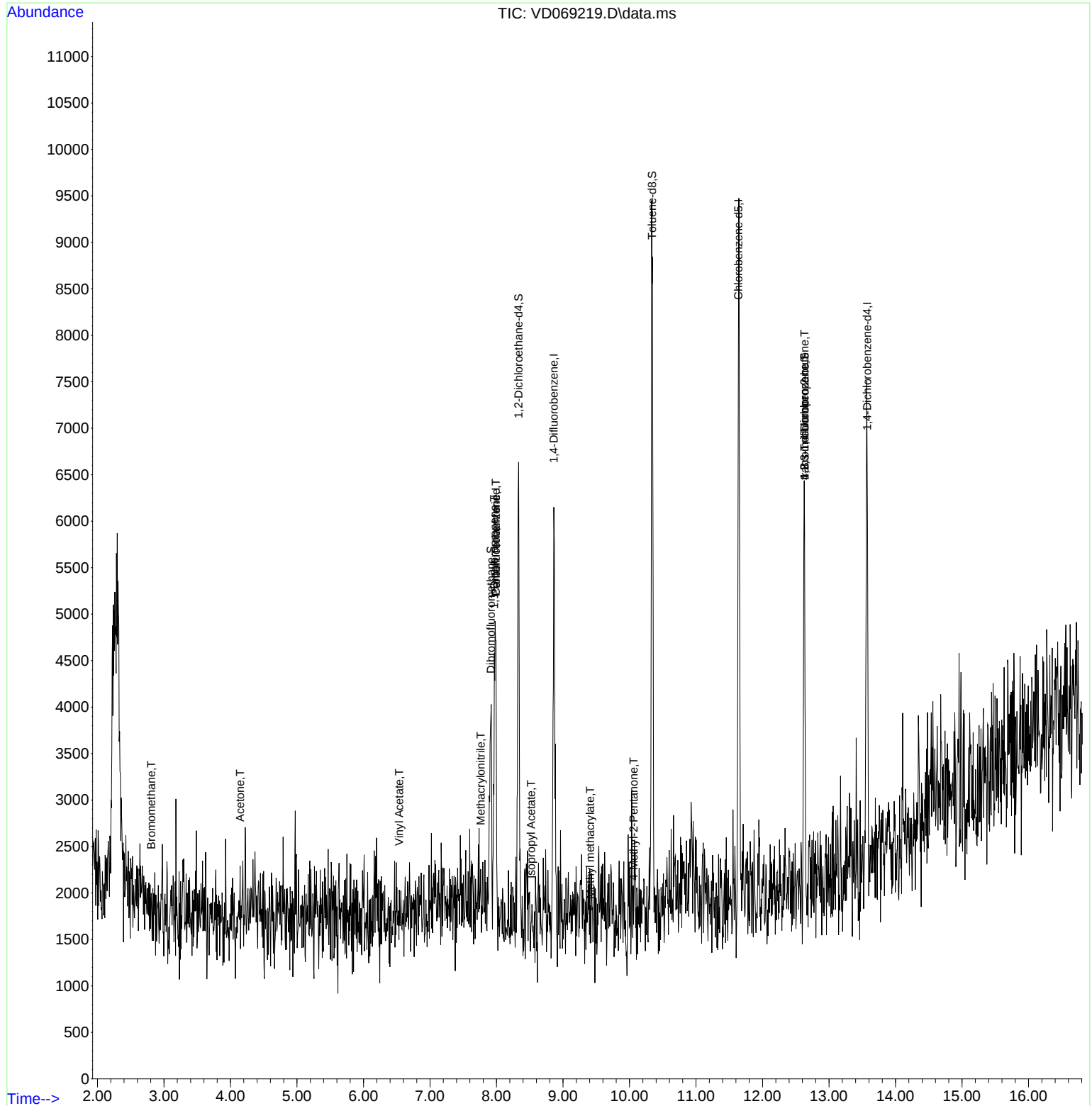
Internal Standards						
1) Pentafluorobenzene	7.991	168	3550	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	4914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4878	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	1866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	2932	82.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 164.78%#			
35) Dibromofluoromethane	7.914	113	1717	53.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.38%			
50) Toluene-d8	10.338	98	5656	48.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.28%			
62) 4-Bromofluorobenzene	12.632	95	1769	46.79	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.58%			
Target Compounds						Qvalue
5) Bromomethane	2.809	94	82	1.91	ug/l	# 3
16) Acetone	4.144	43	82	15.04	ug/l	# 41
20) Methylene Chloride	4.967	84	211	Below Cal		# 14
23) Vinyl Acetate	6.538	43	77	1.68	ug/l	# 66
36) 1,1-Dichloropropene	7.967	75	137	2.87	ug/l	# 40
38) Carbon Tetrachloride	7.991	117	492	9.21	ug/l	# 12
41) Methacrylonitrile	7.761	41	66	8.08	ug/l	# 13
43) Isopropyl Acetate	8.520	43	90	3.23	ug/l	# 46
48) Methyl methacrylate	9.408	41	67	5.20	ug/l	# 5
51) 4-Methyl-2-Pentanone	10.061	43	56	3.90	ug/l	# 32
76) 1,2,3-Trichloropropane	12.632	75	850	60.60	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	850	122.40	ug/l	# 14

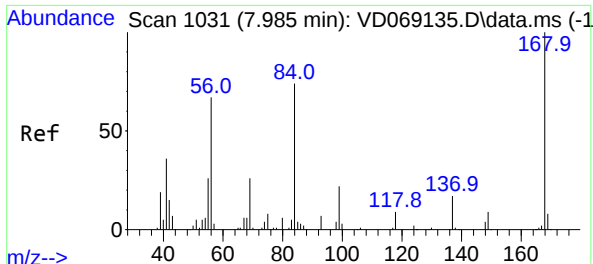
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 21 00:54:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

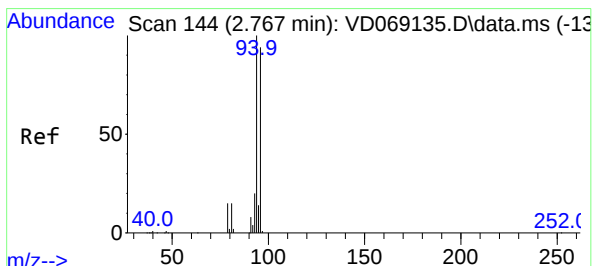
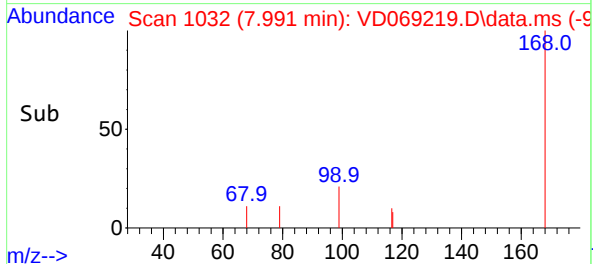
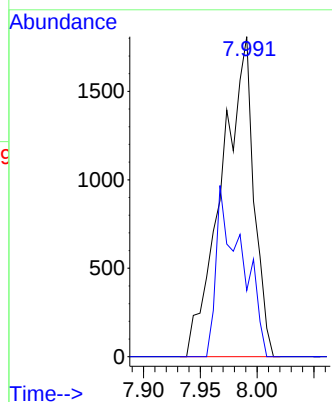
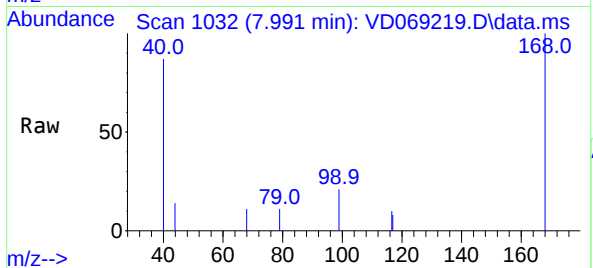




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

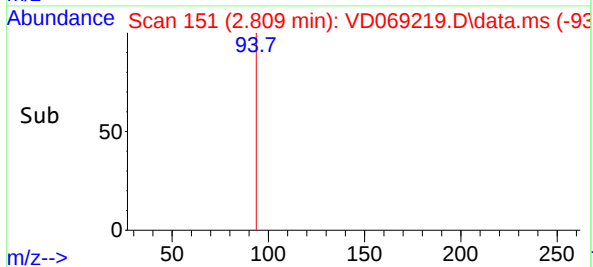
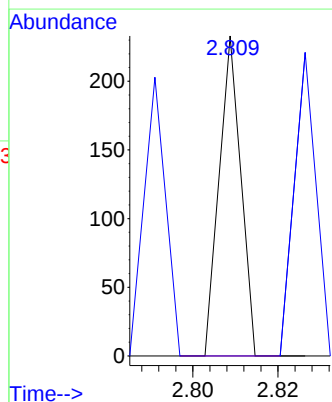
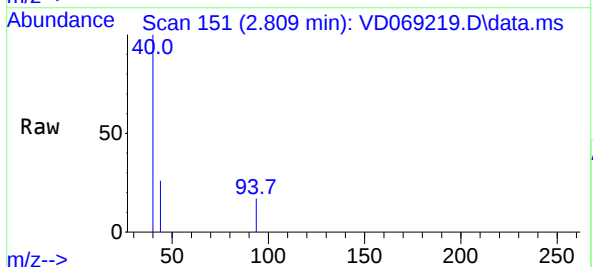
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

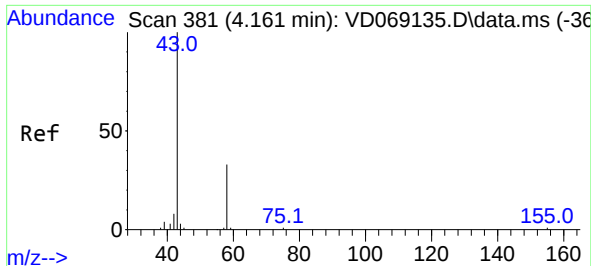
Tgt Ion:168 Resp: 3550
Ion Ratio Lower Upper
168 100
99 20.7 47.2 70.8#



#5
Bromomethane
Concen: 1.91 ug/l
RT: 2.809 min Scan# 151
Delta R.T. 0.042 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#

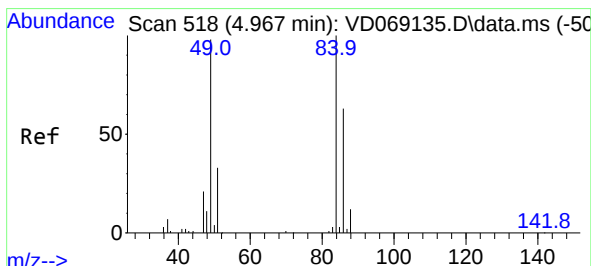
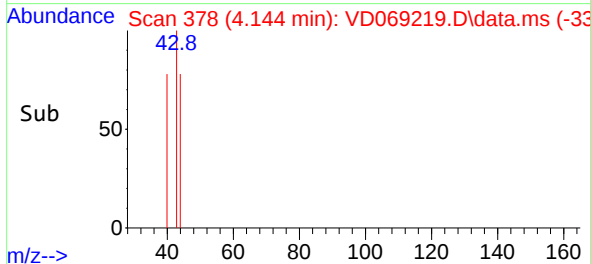
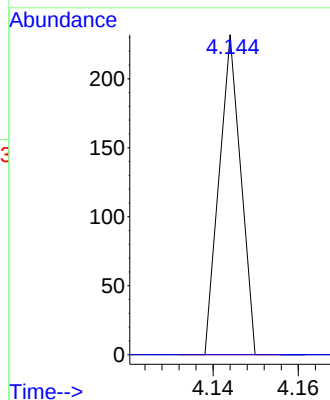
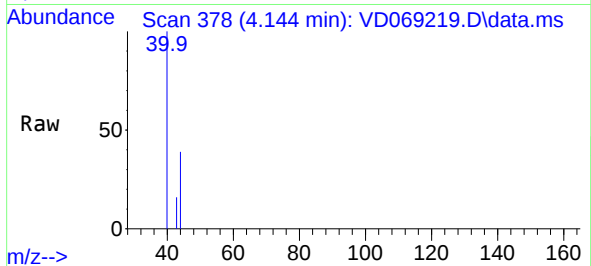




#16
Acetone
Concen: 15.04 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.017 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

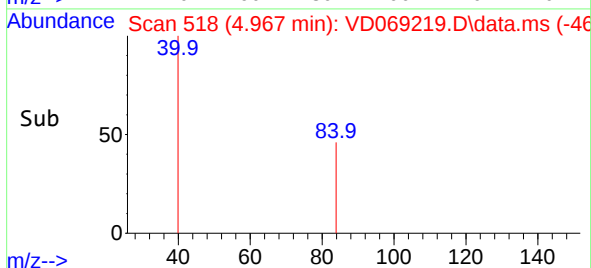
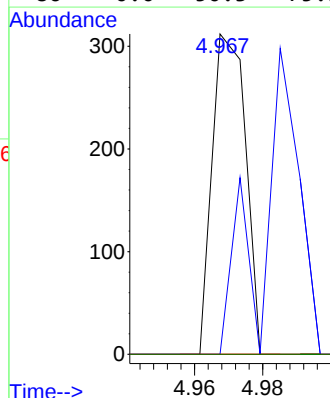
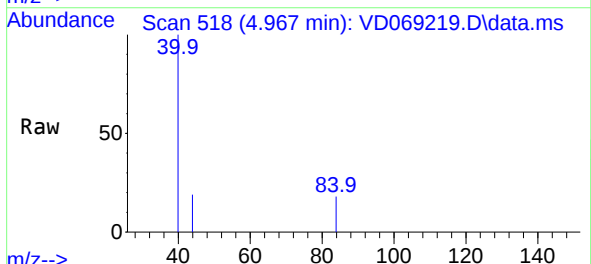
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

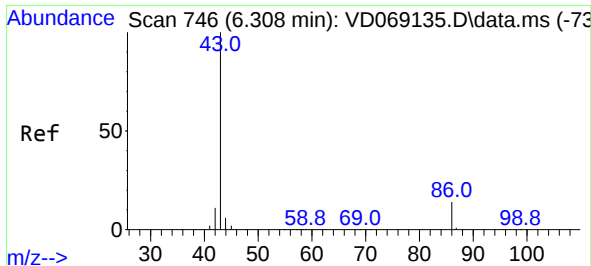
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion: 84 Resp: 211
Ion Ratio Lower Upper
84 100
49 0.0 78.6 117.8#
51 0.0 26.7 40.1#
86 0.0 50.3 75.5#

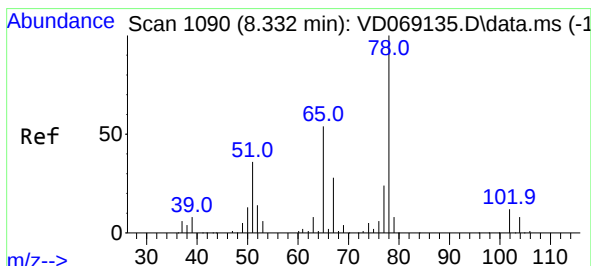
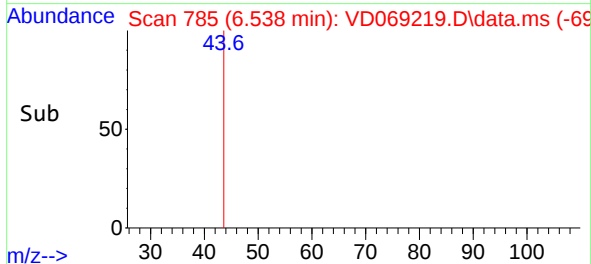
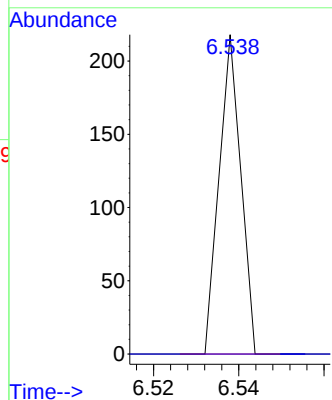
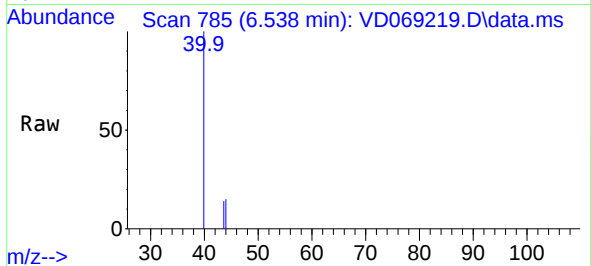




#23
 Vinyl Acetate
 Concen: 1.68 ug/l
 RT: 6.538 min Scan# 785
 Delta R.T. 0.230 min
 Lab File: VD069219.D
 Acq: 20 May 2021 15:25

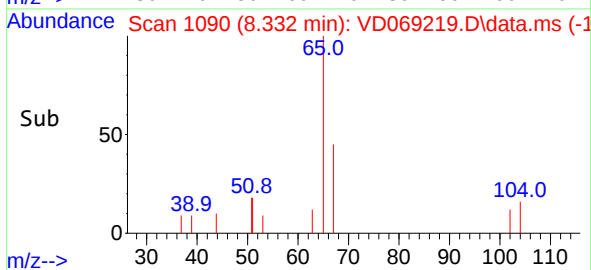
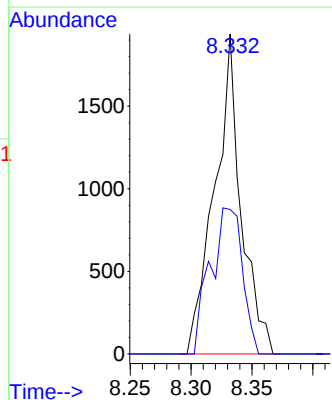
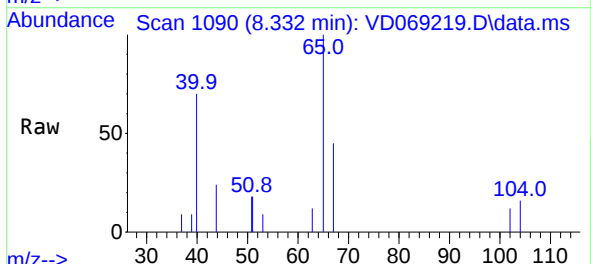
Instrument :
 MSVOA_D
 ClientSampleId :
 CONCESSION-CP-4

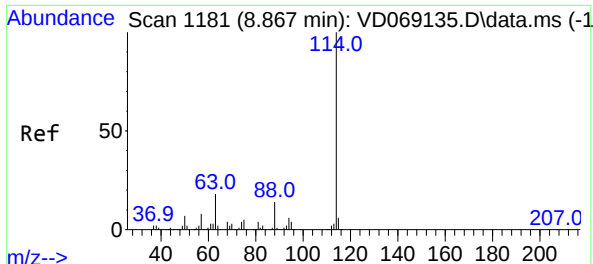
Tgt Ion: 43 Resp: 77
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.1 16.7#



#33
 1,2-Dichloroethane-d4
 Concen: 82.39 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069219.D
 Acq: 20 May 2021 15:25

Tgt Ion: 65 Resp: 2932
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.0



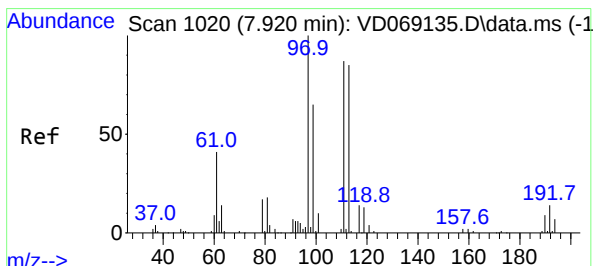
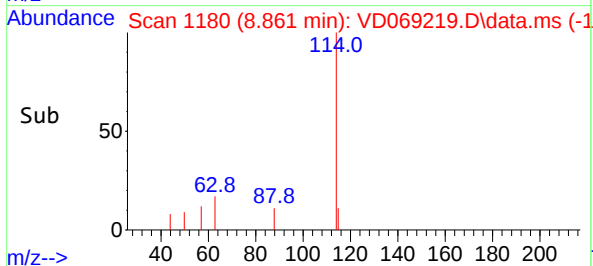
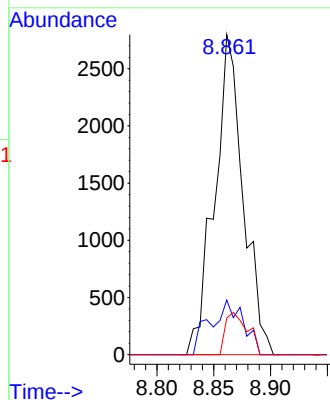
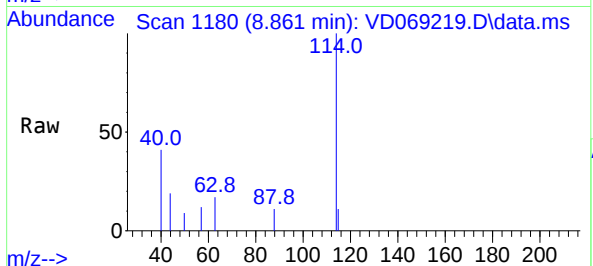


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

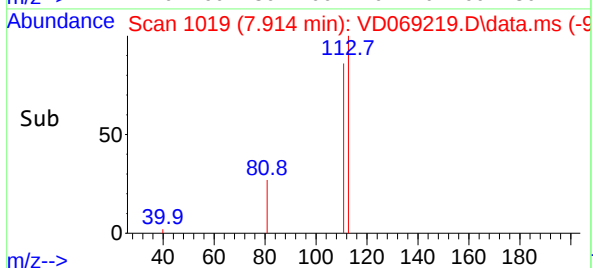
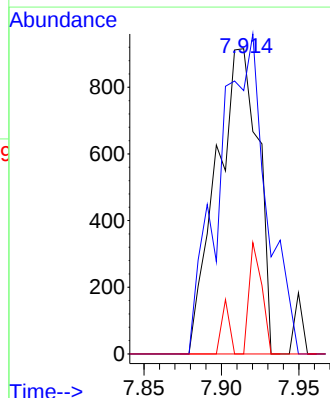
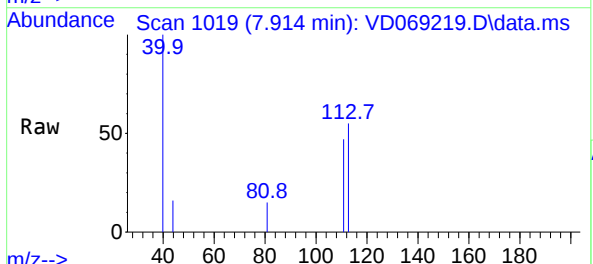
Tgt Ion:	114	Resp:	4914
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.4
88	11.5	0.0	28.2

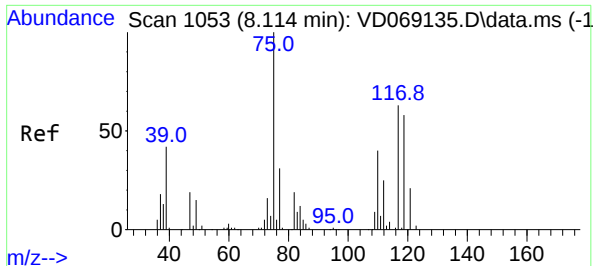


#35

Dibromofluoromethane
Concen: 53.69 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion:	113	Resp:	1717
Ion	Ratio	Lower	Upper
113	100		
111	117.8	80.6	120.8
192	11.1	14.8	22.2#

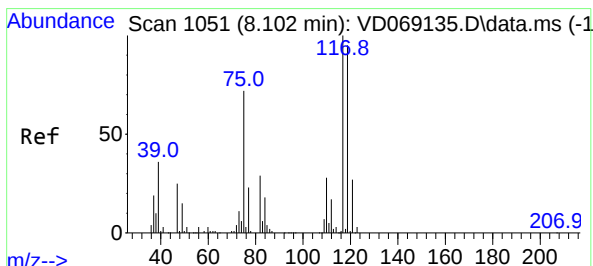
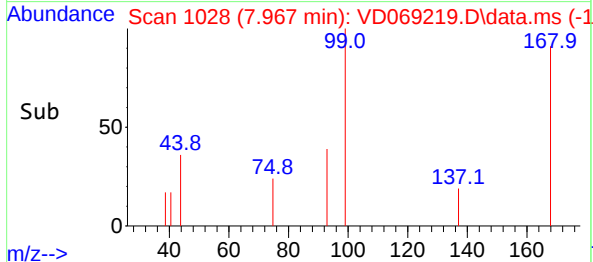
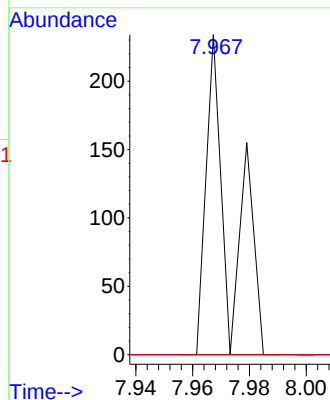
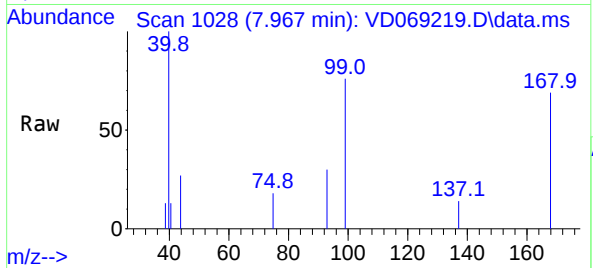




#36
1,1-Dichloropropene
Concen: 2.87 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.147 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

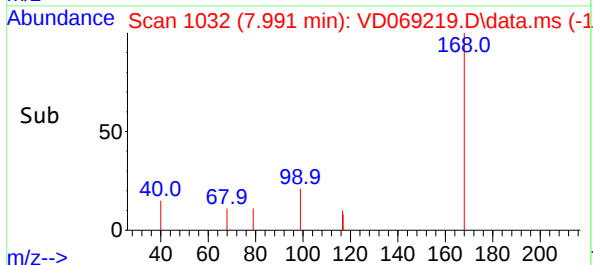
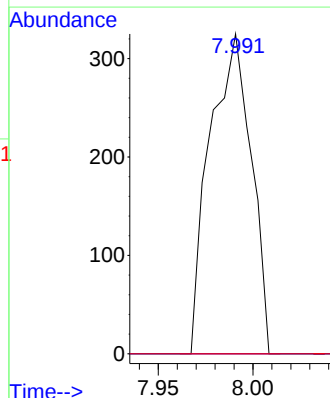
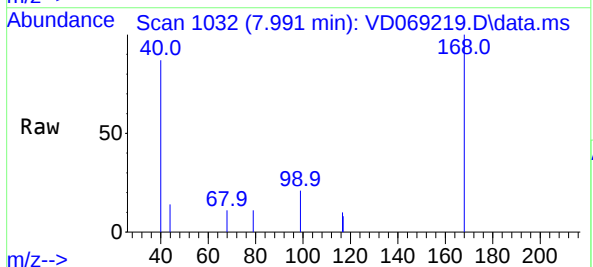
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

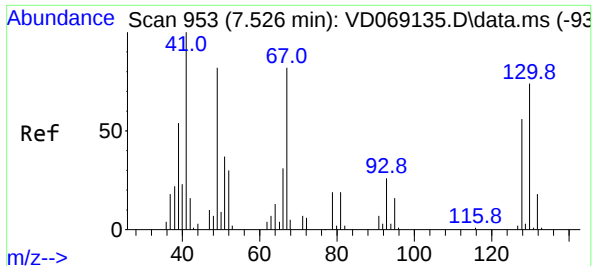
Tgt Ion: 75 Resp: 137
Ion Ratio Lower Upper
75 100
110 0.0 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 9.21 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.111 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion: 117 Resp: 492
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#



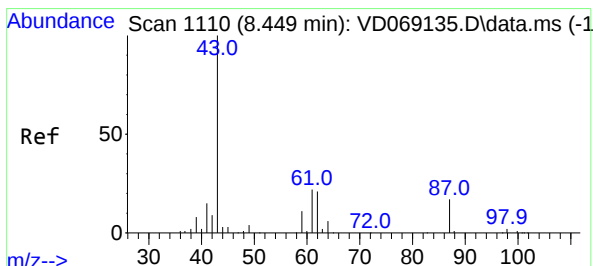
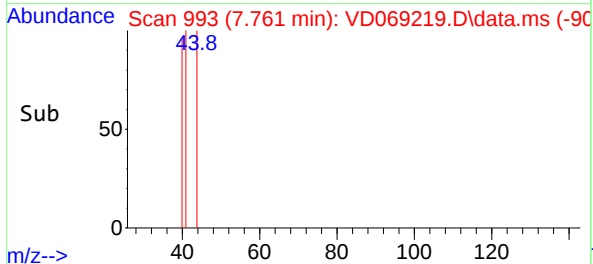
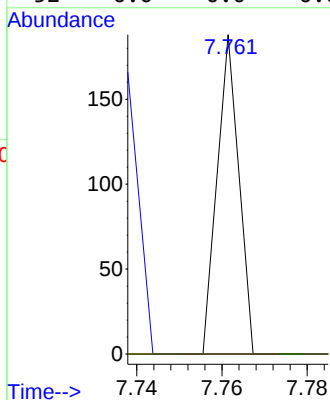
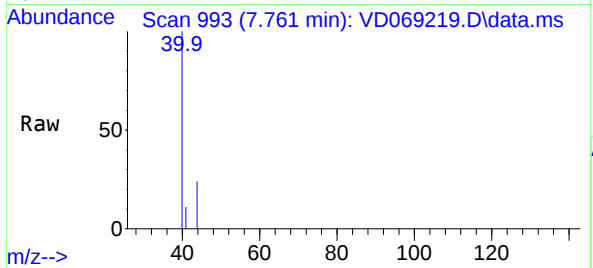


#41
Methacrylonitrile
Concen: 8.08 ug/l
RT: 7.761 min Scan# 993
Delta R.T. 0.236 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

Tgt Ion: 41 Resp: 66

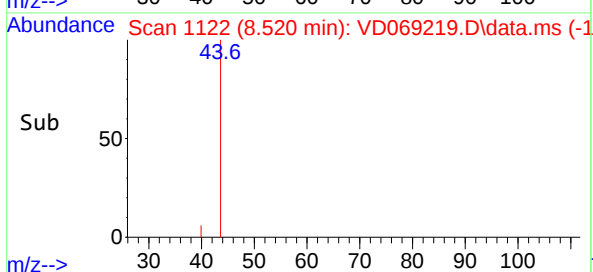
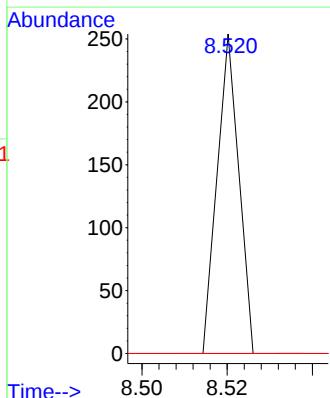
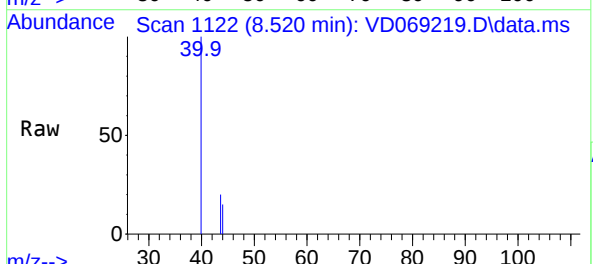
Ion	Ratio	Lower	Upper
41	100		
39	0.0	58.0	87.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

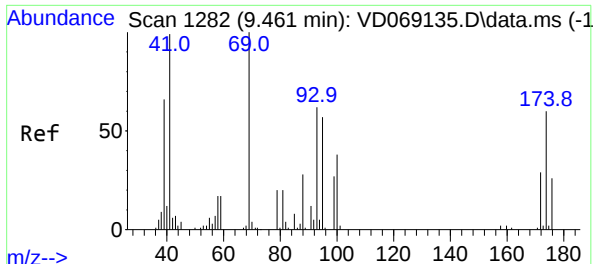


#43
Isopropyl Acetate
Concen: 3.23 ug/l
RT: 8.520 min Scan# 1122
Delta R.T. 0.071 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion: 43 Resp: 90

Ion	Ratio	Lower	Upper
43	100		
61	0.0	28.6	42.8#
87	0.0	13.8	20.8#





#48

Methyl methacrylate

Concen: 5.20 ug/l

RT: 9.408 min Scan# 1273

Delta R.T. -0.053 min

Lab File: VD069219.D

Acq: 20 May 2021 15:25

Tgt Ion: 41 Resp: 67

Ion Ratio Lower Upper

41 100

69 0.0 88.0 132.0#

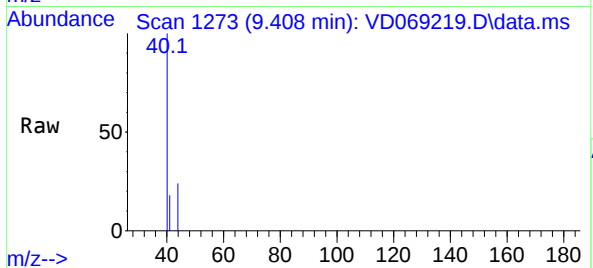
39 125.4 51.4 77.0#

Instrument :

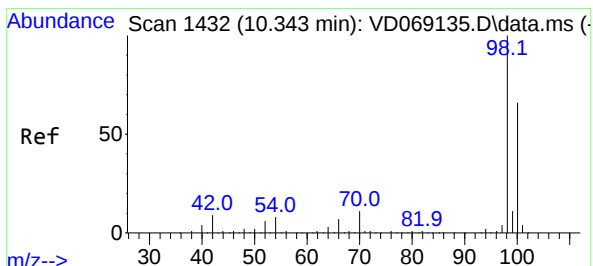
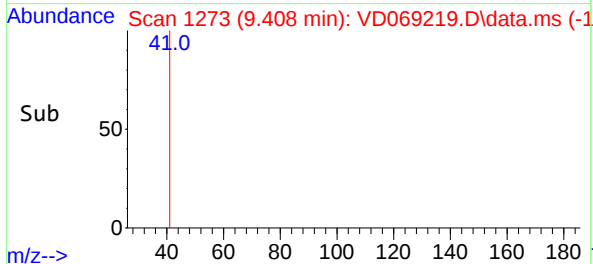
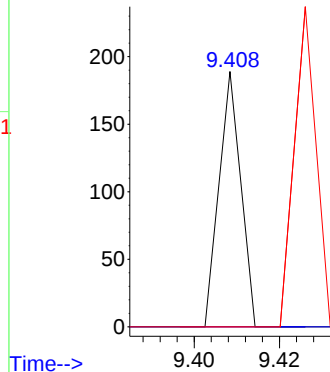
MSVOA_D

ClientSampleId :

CONCESSION-CP-4



Abundance



#50

Toluene-d8

Concen: 48.14 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD069219.D

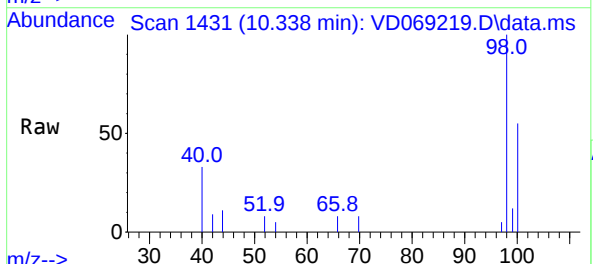
Acq: 20 May 2021 15:25

Tgt Ion: 98 Resp: 5656

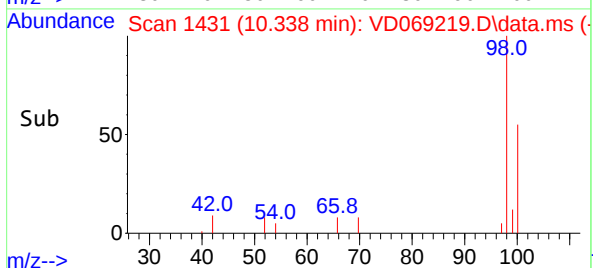
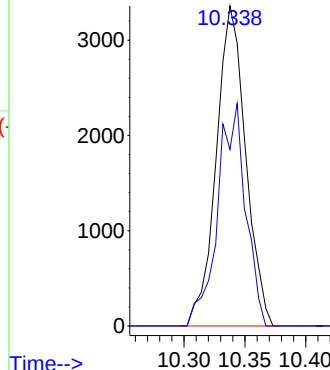
Ion Ratio Lower Upper

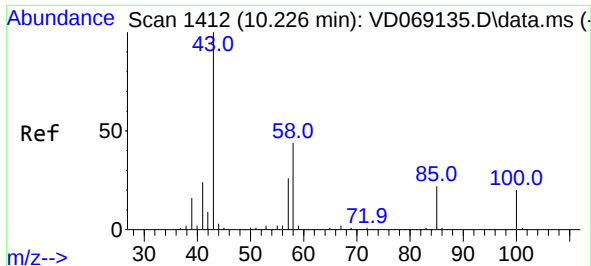
98 100

100 66.1 51.8 77.8



Abundance

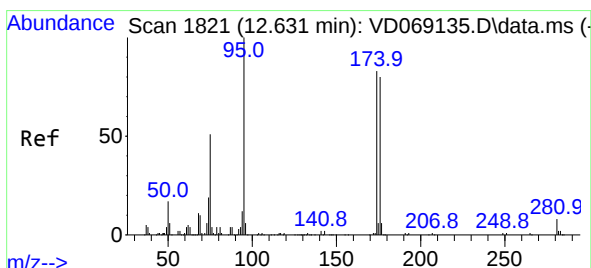
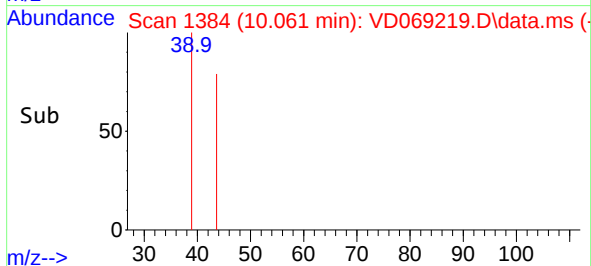
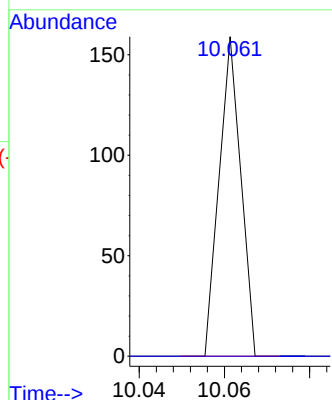
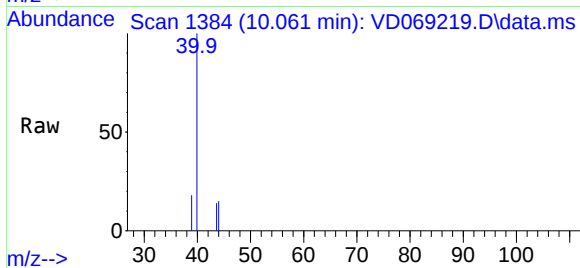




#51
4-Methyl-2-Pentanone
Concen: 3.90 ug/l
RT: 10.061 min Scan# 1384
Delta R.T. -0.164 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

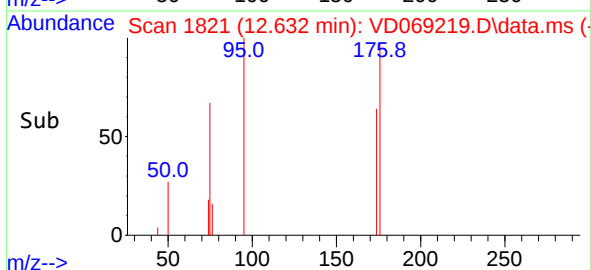
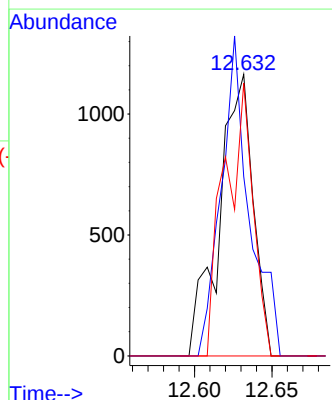
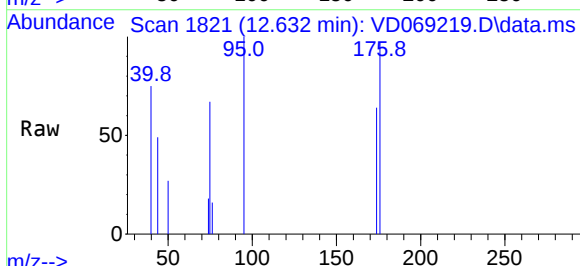
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

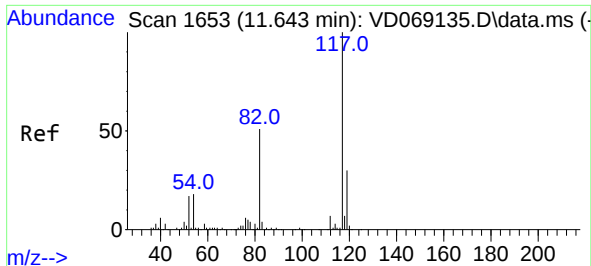
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 35.0 52.4#



#62
4-Bromofluorobenzene
Concen: 46.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion: 95 Resp: 1769
Ion Ratio Lower Upper
95 100
174 94.9 0.0 171.8
176 81.6 0.0 165.4

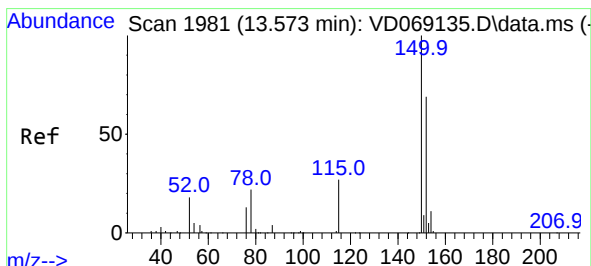
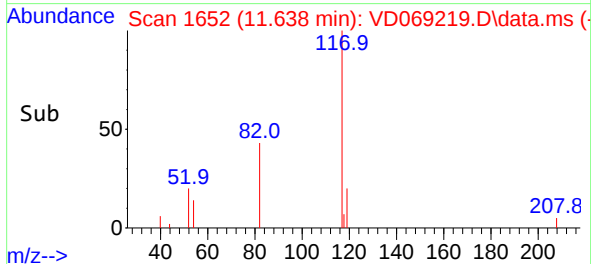
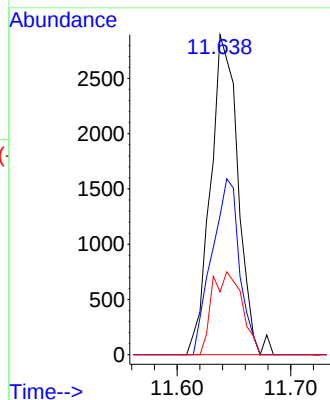
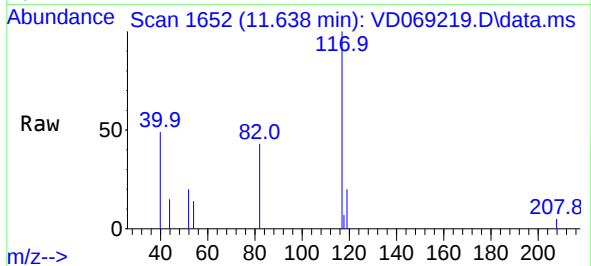




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

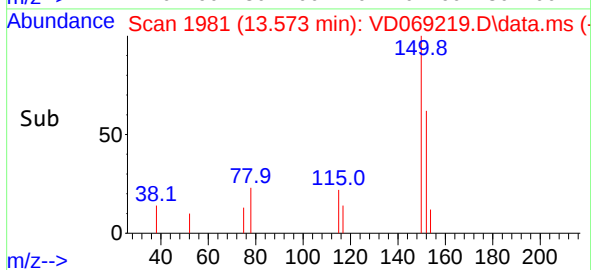
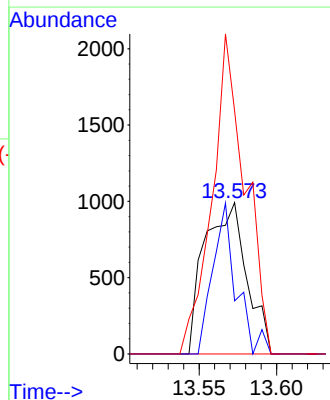
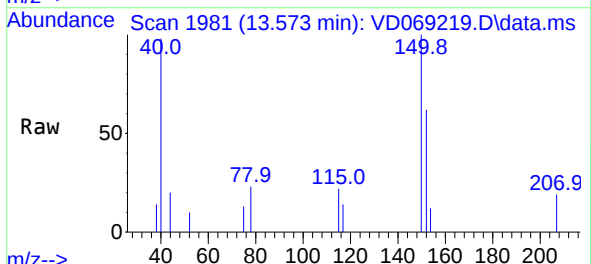
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

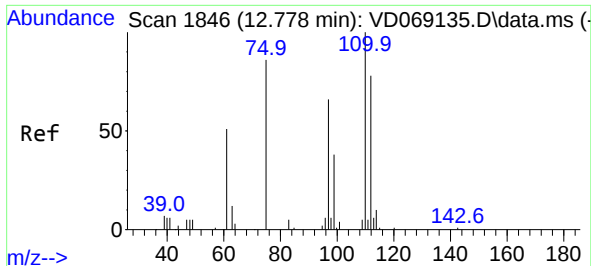
Tgt Ion:	117	Resp:	4878
Ion	Ratio	Lower	Upper
117	100		
82	43.4	40.5	60.7
119	19.6	24.2	36.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion:	152	Resp:	1866
Ion	Ratio	Lower	Upper
152	100		
115	55.8	29.9	89.8
150	167.4	0.0	350.2

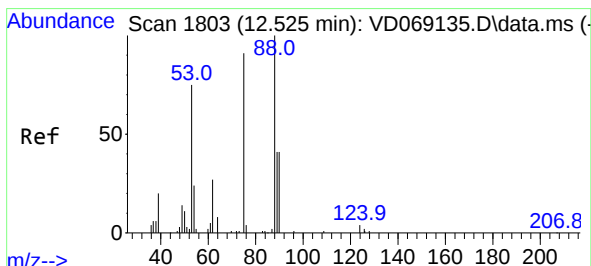
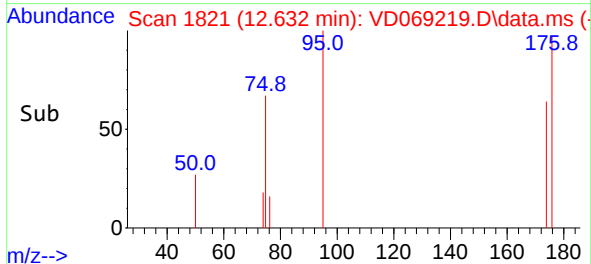
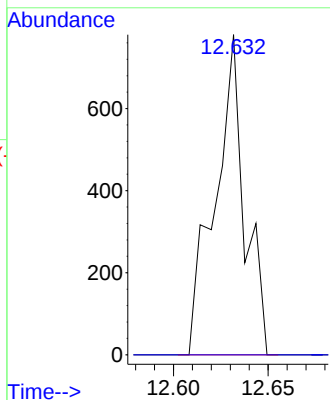
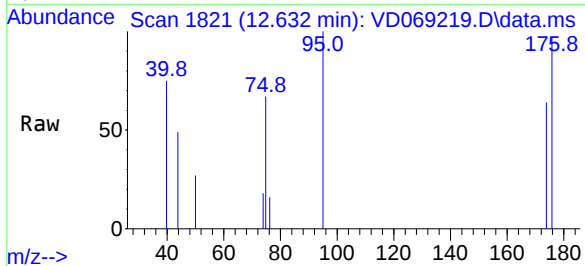




#76
1,2,3-Trichloropropane
Concen: 60.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-4

Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 122.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069219.D
Acq: 20 May 2021 15:25

Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.0 40.2 60.2#

