

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069200.D
 Acq On : 19 May 2021 16:56
 Operator : VA/SY
 Sample : M2420-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCESSION-CP-3

Quant Time: May 20 01:02:30 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)

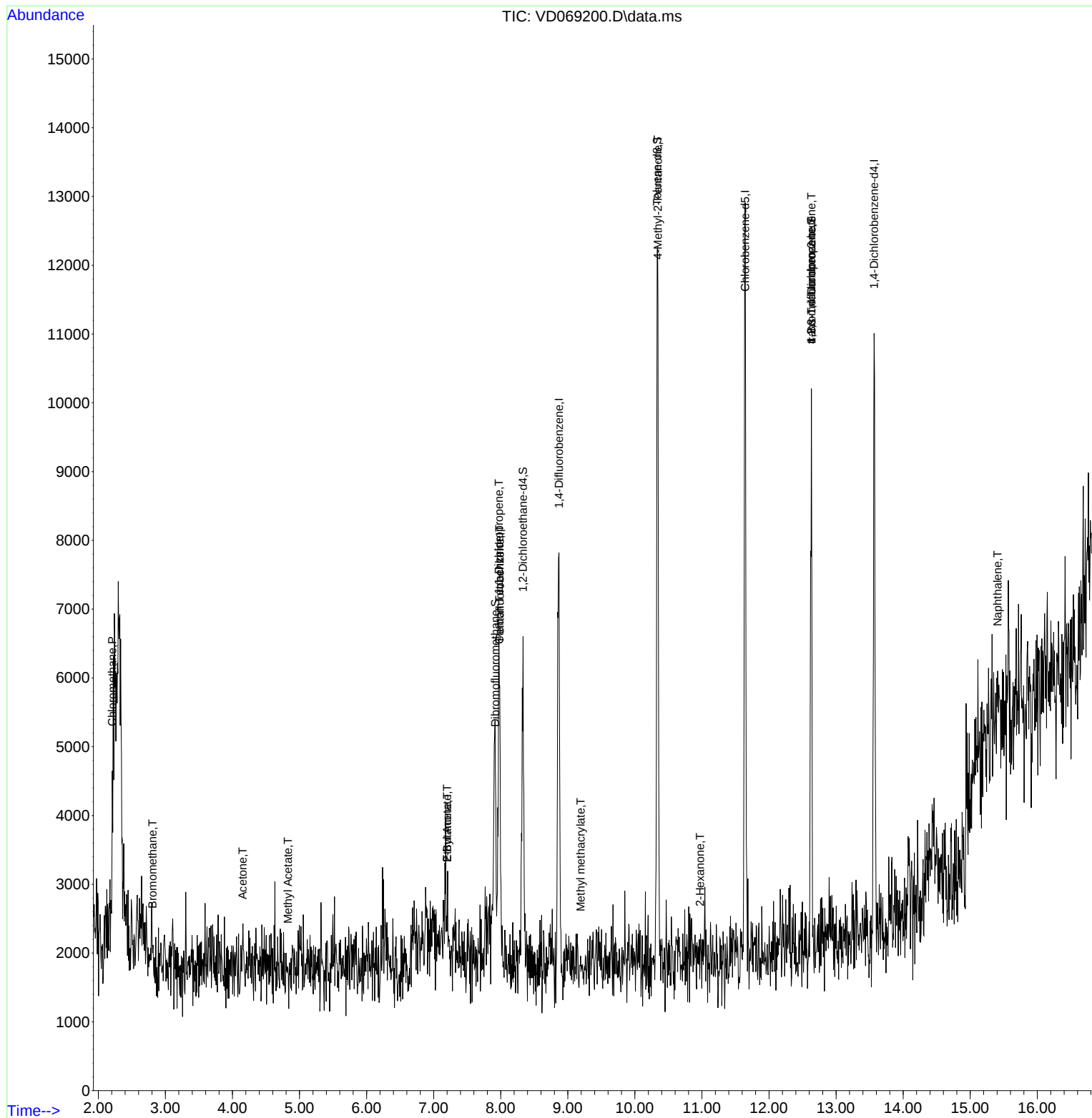
Internal Standards						
1) Pentafluorobenzene	7.985	168	4524	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	6616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	6906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	3742	82.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 165.02%#			
35) Dibromofluoromethane	7.920	113	2404	55.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.68%			
50) Toluene-d8	10.332	98	7889	49.87	ug/l	-0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.74%			
62) 4-Bromofluorobenzene	12.632	95	2456	48.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.50%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	116	2.10	ug/l	# 53
5) Bromomethane	2.809	94	116	2.12	ug/l	# 3
16) Acetone	4.150	43	387	55.71	ug/l	# 41
18) Methyl Acetate	4.826	43	80	4.74	ug/l	# 45
20) Methylene Chloride	4.944	84	76	Below Cal		# 14
25) 2-Butanone	7.203	43	55	5.84	ug/l	# 38
36) 1,1-Dichloropropene	7.973	75	166	2.58	ug/l	# 40
37) Ethyl Acetate	7.203	43	55	2.66	ug/l	# 66
38) Carbon Tetrachloride	7.979	117	116	1.61	ug/l	# 12
48) Methyl methacrylate	9.191	41	63	3.63	ug/l	# 4
51) 4-Methyl-2-Pentanone	10.344	43	67	3.47	ug/l	# 32
59) 2-Hexanone	10.973	43	60	4.66	ug/l	# 19
76) 1,2,3-Trichloropropane	12.632	75	1345	71.23	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	1345	143.88	ug/l	# 14
95) Naphthalene	15.408	128	124	3.49	ug/l	# 69

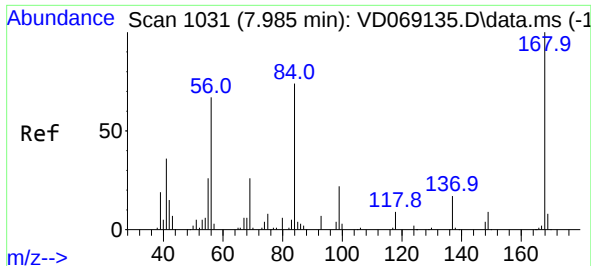
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
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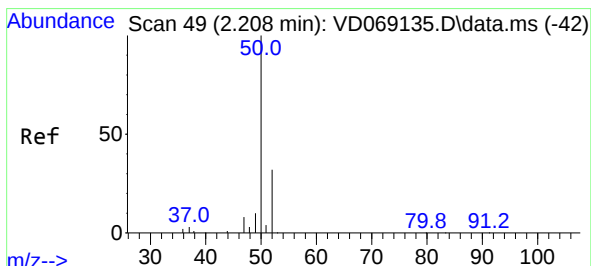
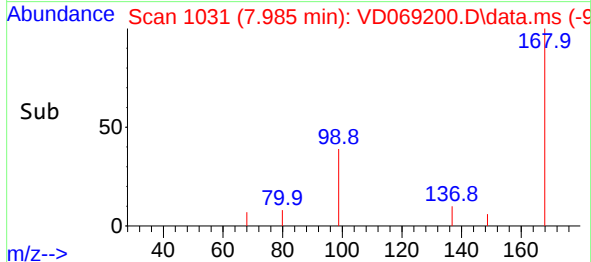
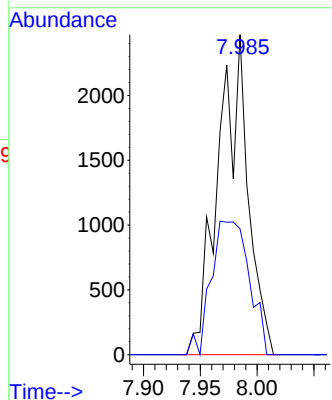
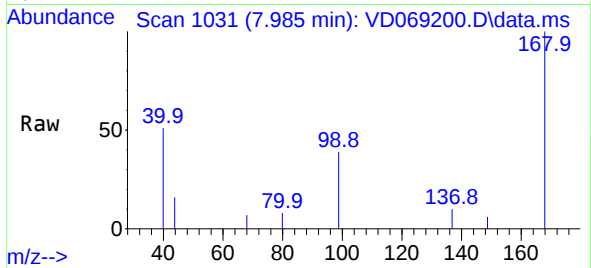




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

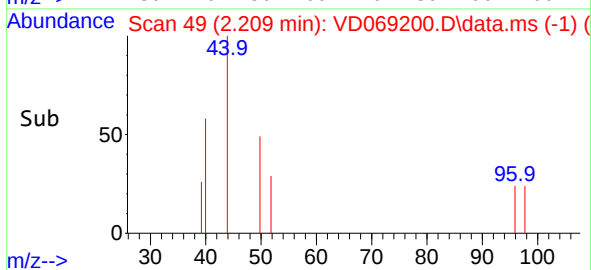
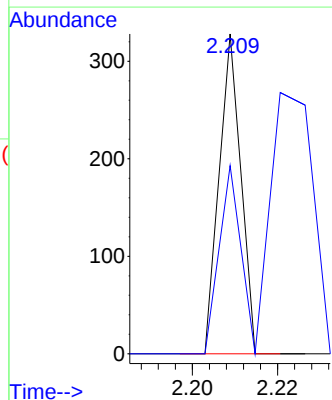
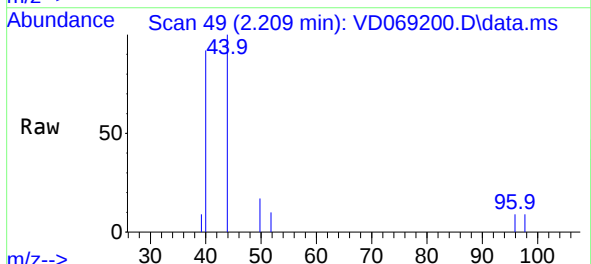
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

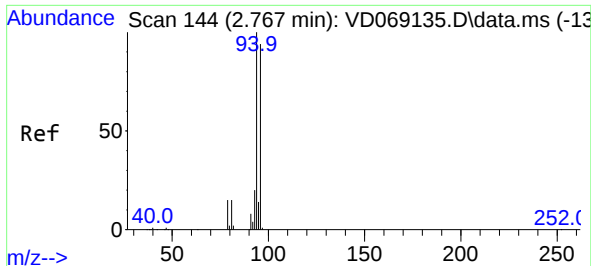
Tgt Ion:168 Resp: 4524
Ion Ratio Lower Upper
168 100
99 39.3 47.2 70.8#



#3
Chloromethane
Concen: 2.10 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion: 50 Resp: 116
Ion Ratio Lower Upper
50 100
52 58.8 25.8 38.8#

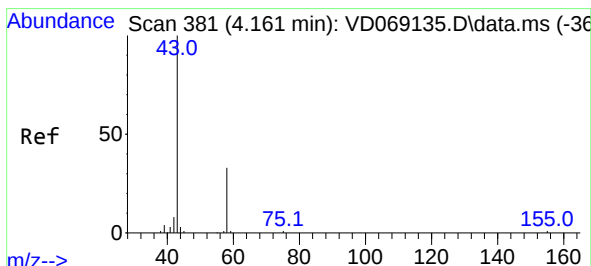
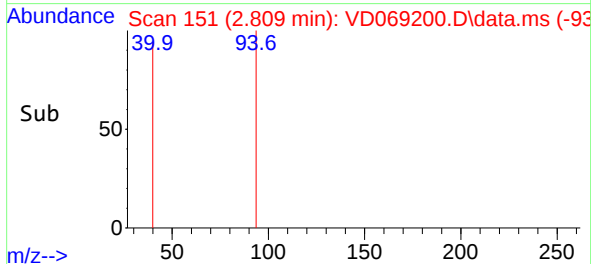
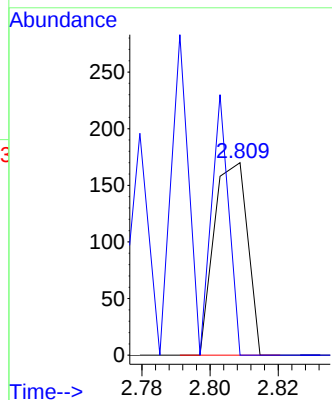
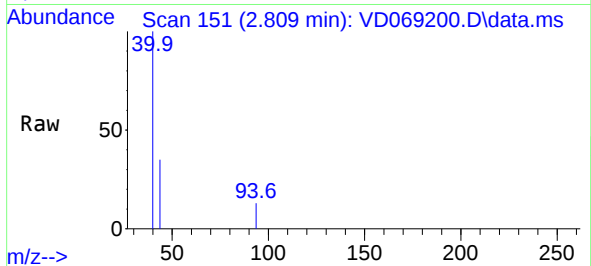




#5
Bromomethane
Concen: 2.12 ug/l
RT: 2.809 min Scan# 151
Delta R.T. 0.042 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

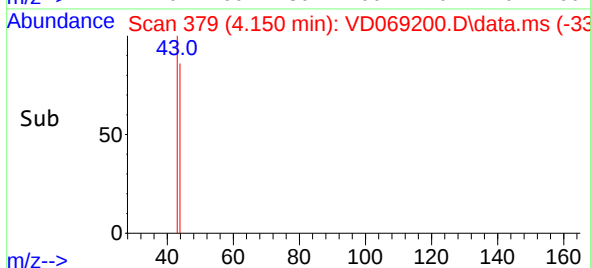
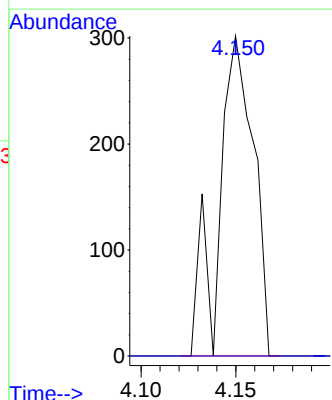
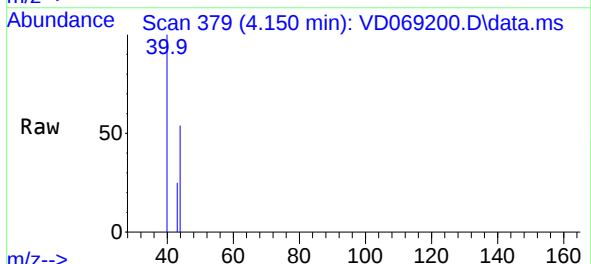
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

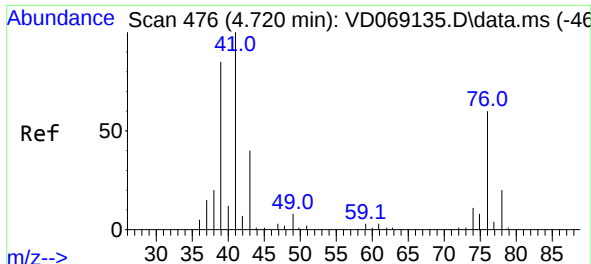
Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#16
Acetone
Concen: 55.71 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

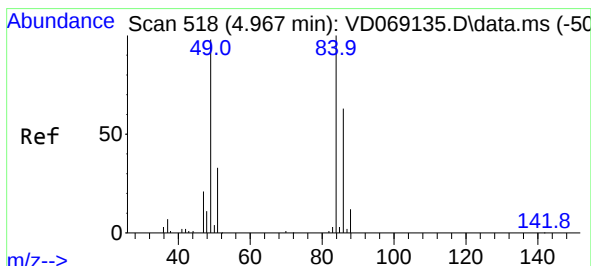
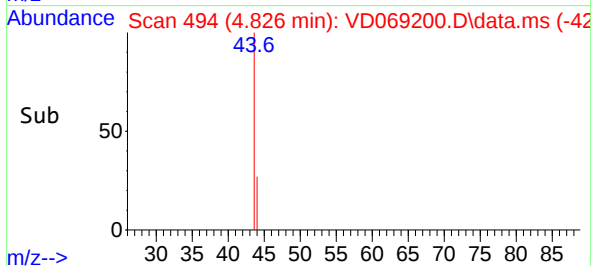
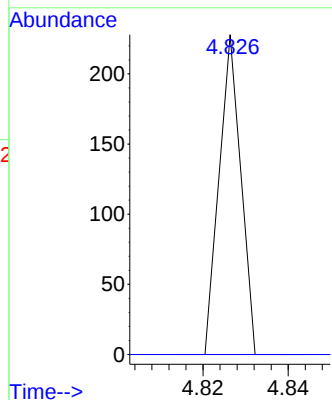
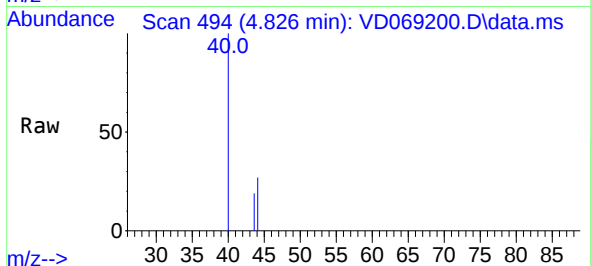




#18
Methyl Acetate
Concen: 4.74 ug/l
RT: 4.826 min Scan# 494
Delta R.T. 0.106 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

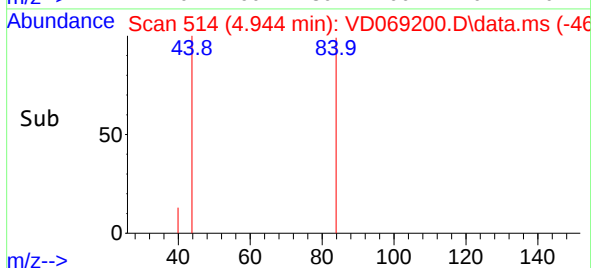
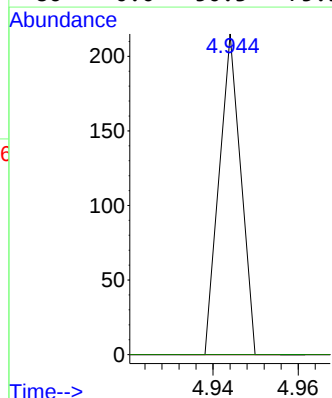
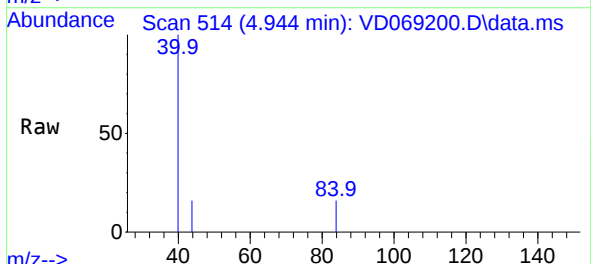
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

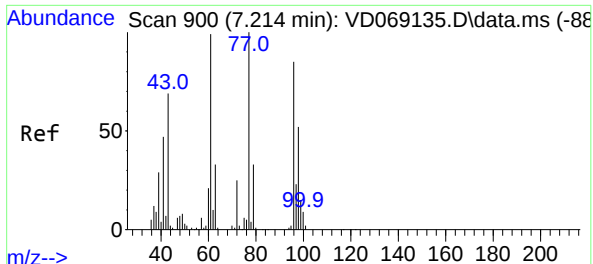
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
74 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.023 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion: 84 Resp: 76
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#

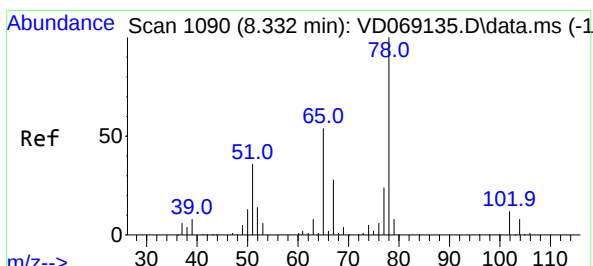
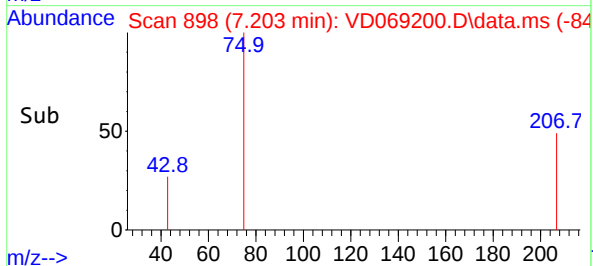
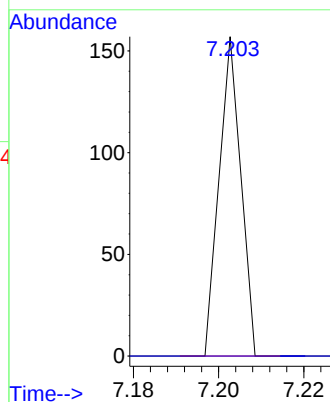
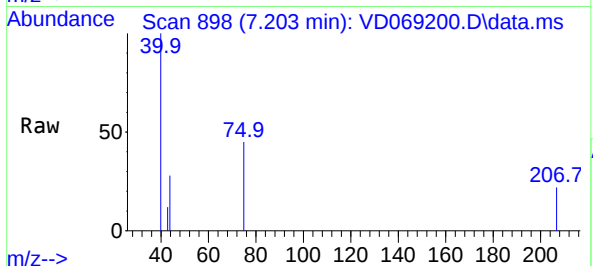




#25
2-Butanone
Concen: 5.84 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

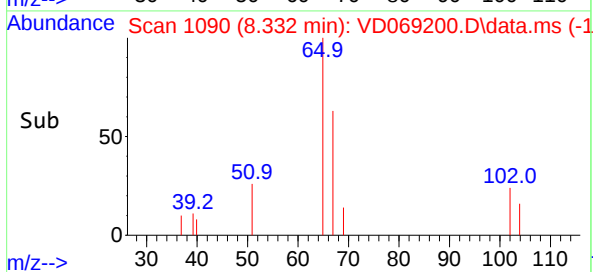
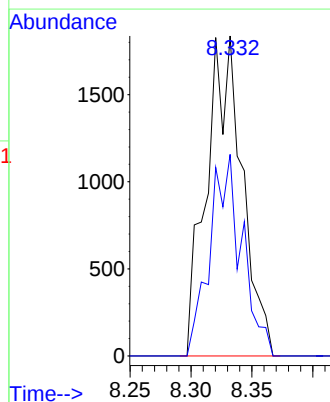
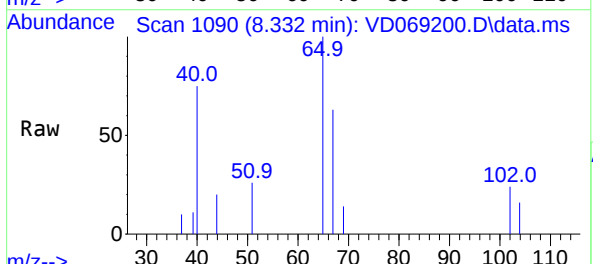
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

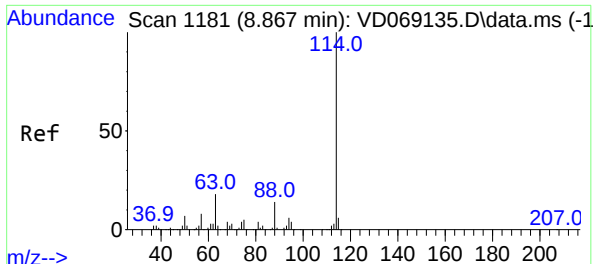
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
72 0.0 29.1 43.7#



#33
1,2-Dichloroethane-d4
Concen: 82.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

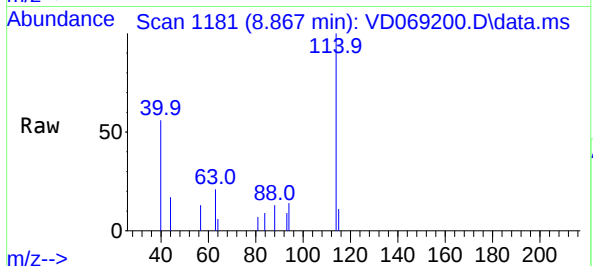
Tgt Ion: 65 Resp: 3742
Ion Ratio Lower Upper
65 100
67 56.5 0.0 108.0



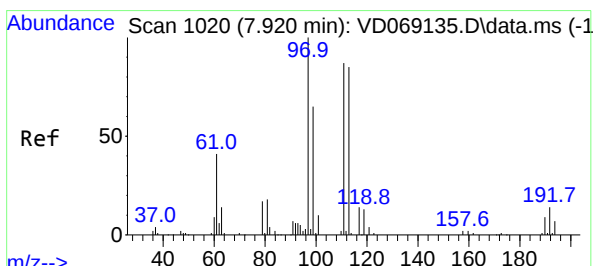
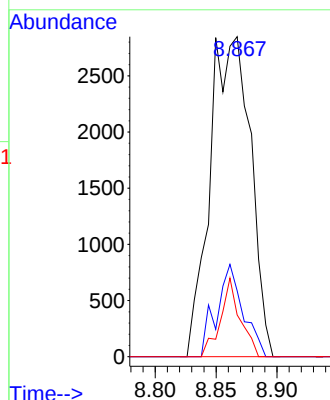
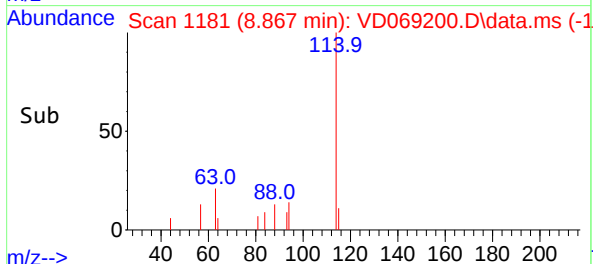


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

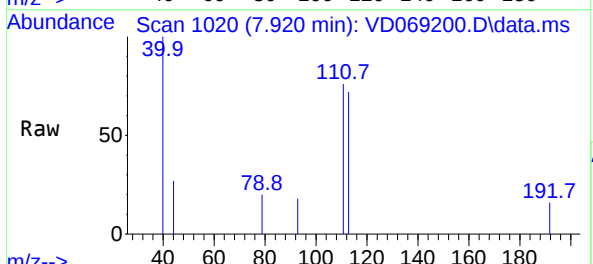
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3



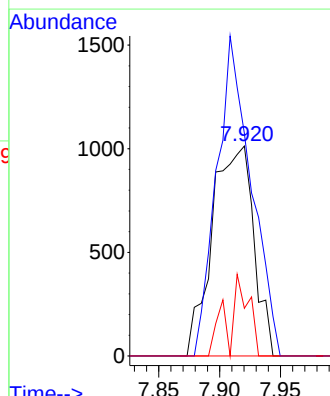
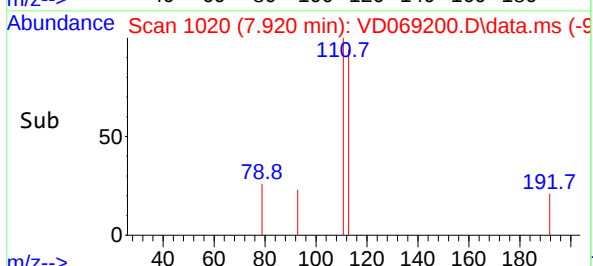
Tgt Ion:114 Resp: 6616
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 13.1 0.0 28.2

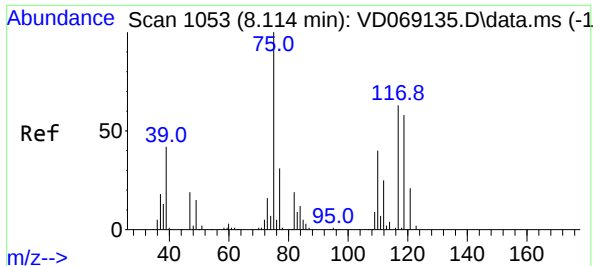


#35
Dibromofluoromethane
Concen: 55.84 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56



Tgt Ion:113 Resp: 2404
Ion Ratio Lower Upper
113 100
111 126.9 80.6 120.8#
192 13.4 14.8 22.2#



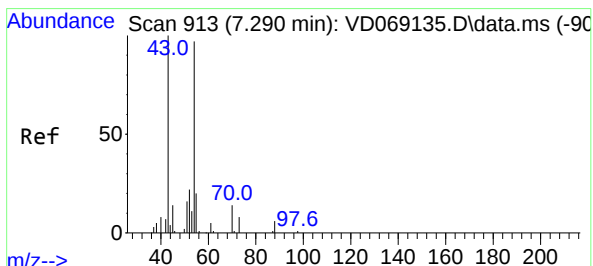
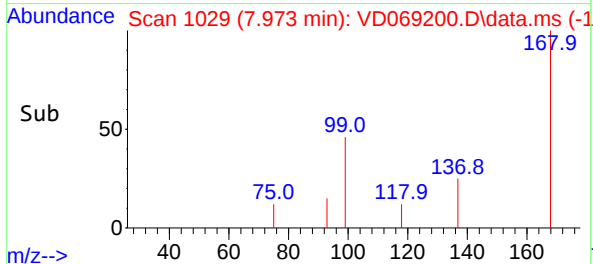
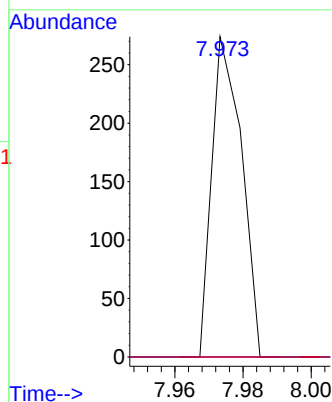
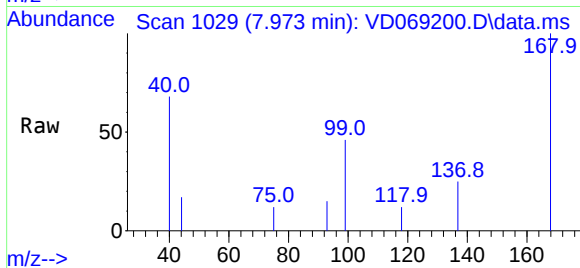


#36
1,1-Dichloropropene
Concen: 2.58 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

Tgt Ion: 75 Resp: 166

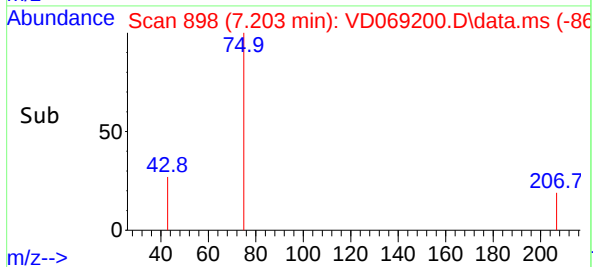
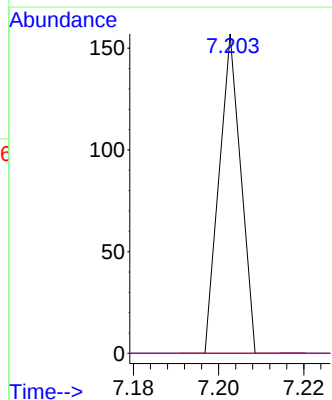
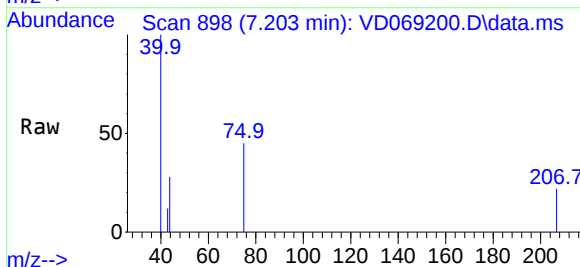
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.8	56.4#
77	0.0	25.2	37.8#

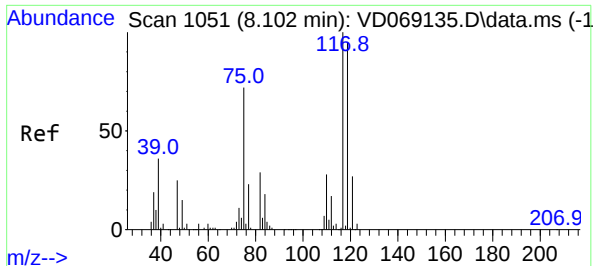


#37
Ethyl Acetate
Concen: 2.66 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.088 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion: 43 Resp: 55

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	10.4	15.6#

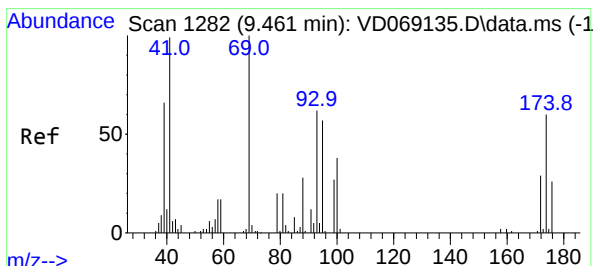
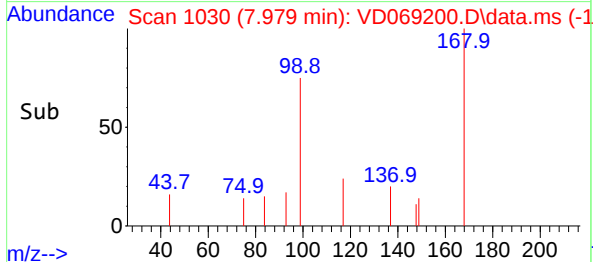
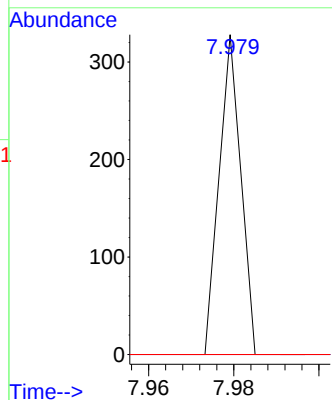
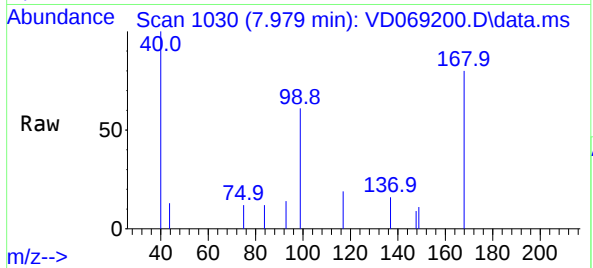




#38
Carbon Tetrachloride
Concen: 1.61 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

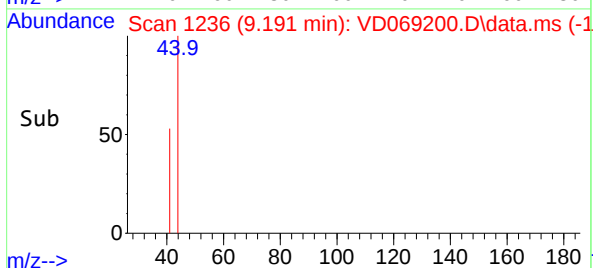
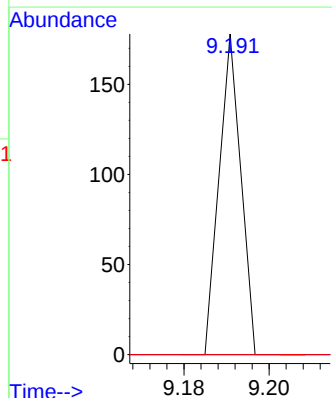
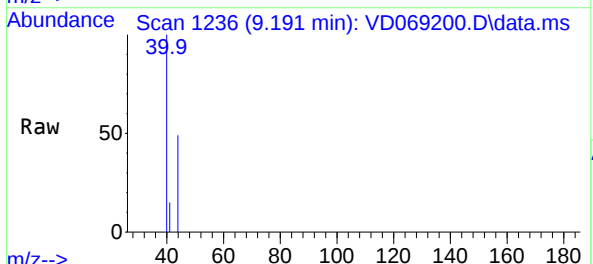
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

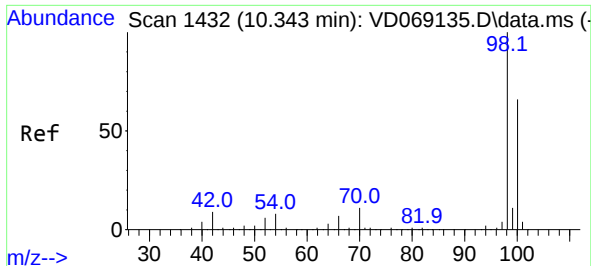
Tgt Ion:117 Resp: 116
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#



#48
Methyl methacrylate
Concen: 3.63 ug/l
RT: 9.191 min Scan# 1236
Delta R.T. -0.270 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
69 0.0 88.0 132.0#
39 0.0 51.4 77.0#

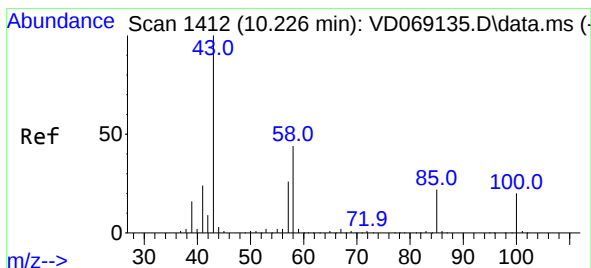
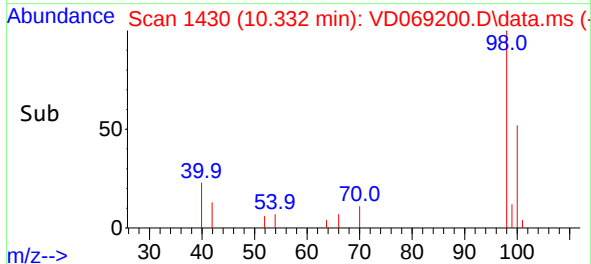
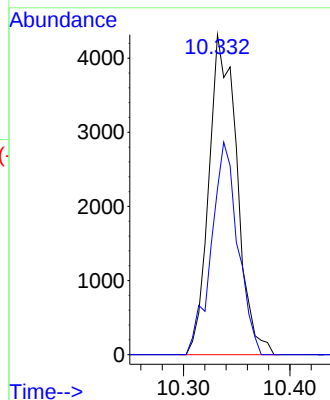
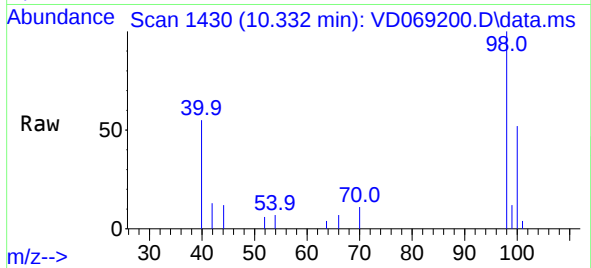




#50
Toluene-d8
Concen: 49.87 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.011 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

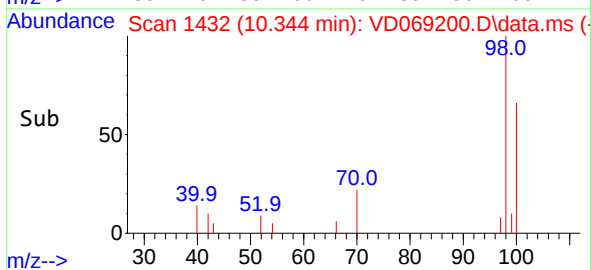
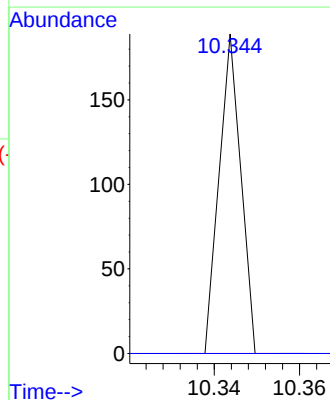
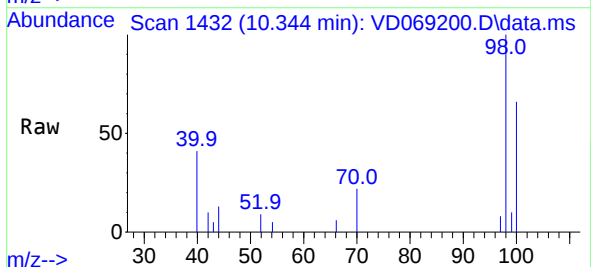
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

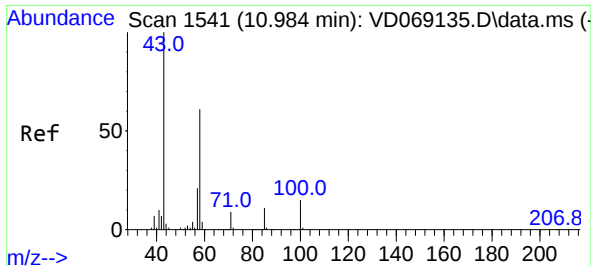
Tgt Ion: 98 Resp: 7889
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 3.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 35.0 52.4#

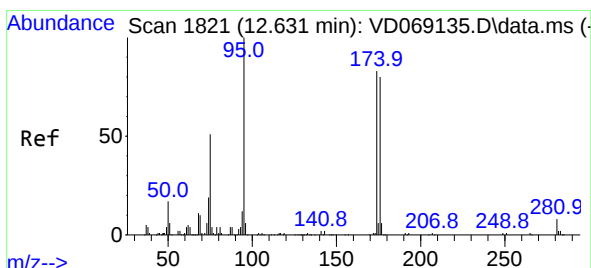
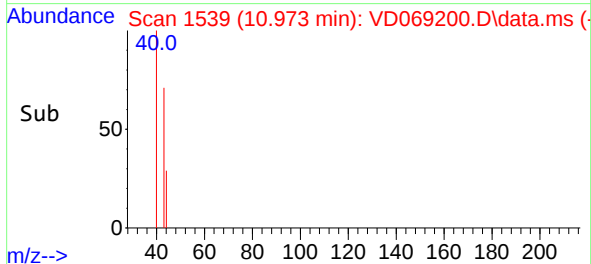
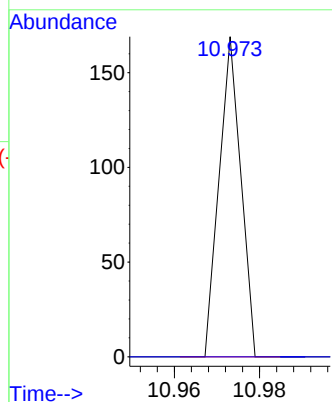
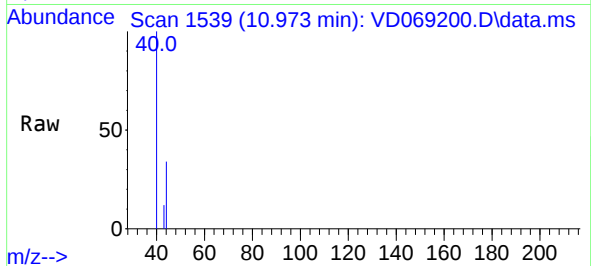




#59
2-Hexanone
Concen: 4.66 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.011 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

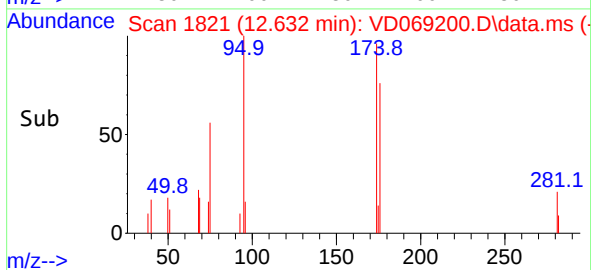
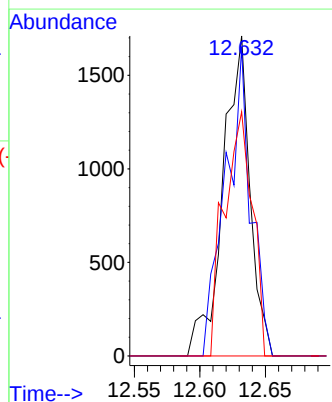
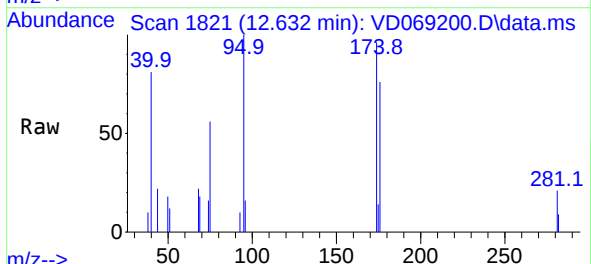
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

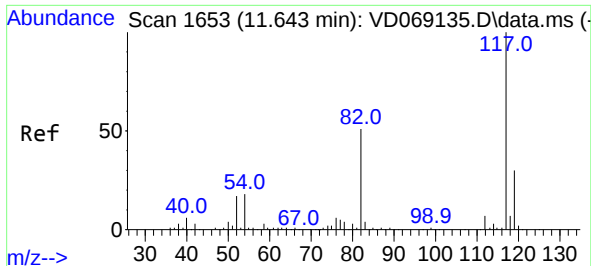
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 48.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion: 95 Resp: 2456
Ion Ratio Lower Upper
95 100
174 90.8 0.0 171.8
176 79.2 0.0 165.4

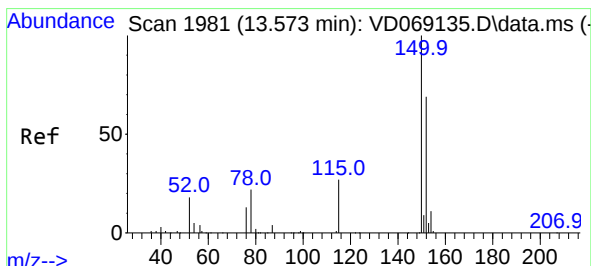
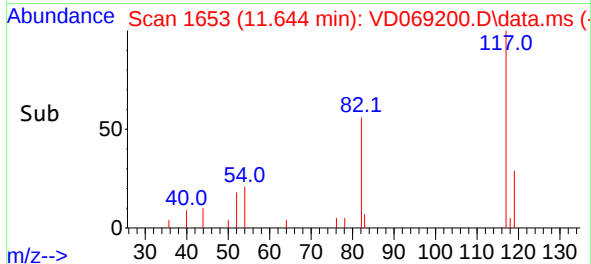
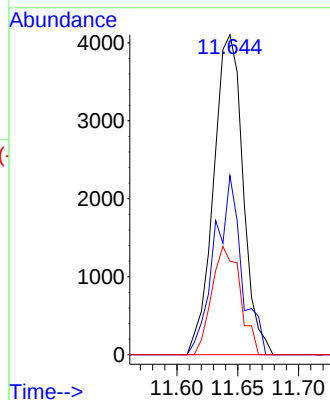
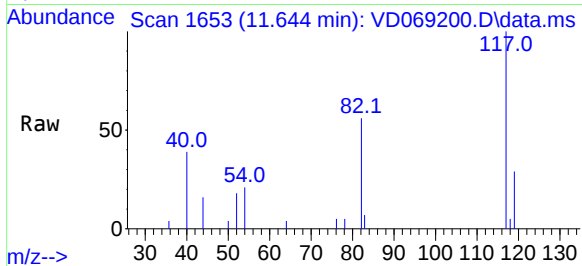




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

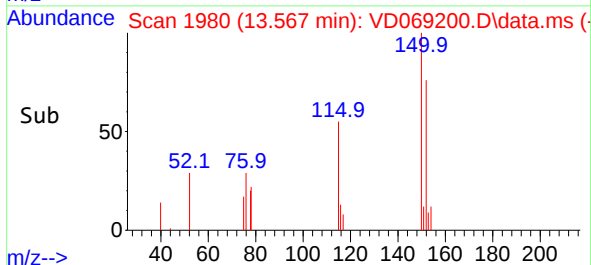
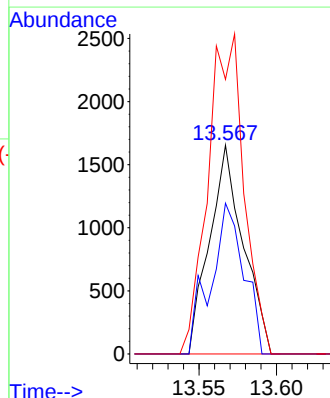
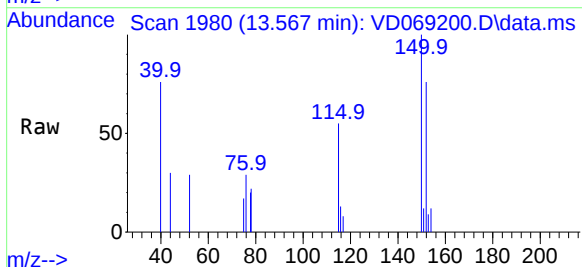
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

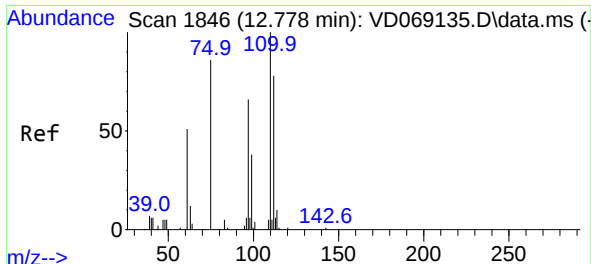
Tgt Ion:117 Resp: 6906
Ion Ratio Lower Upper
117 100
82 56.0 40.5 60.7
119 29.2 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Tgt Ion:152 Resp: 2512
Ion Ratio Lower Upper
152 100
115 70.8 29.9 89.8
150 163.1 0.0 350.2

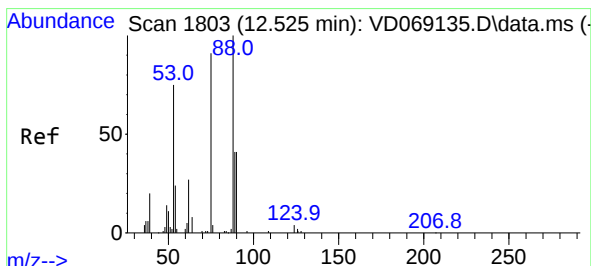
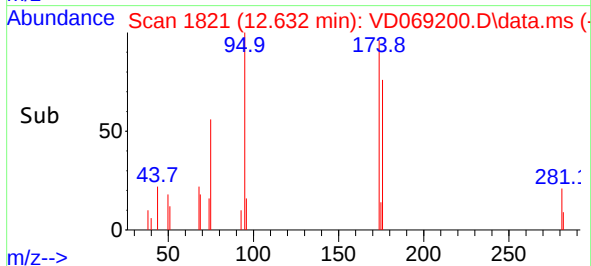
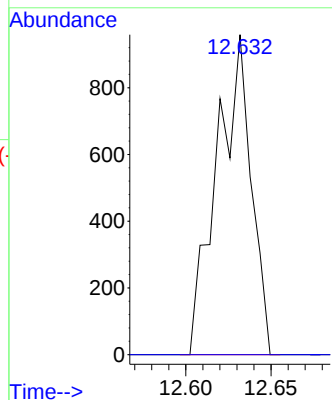
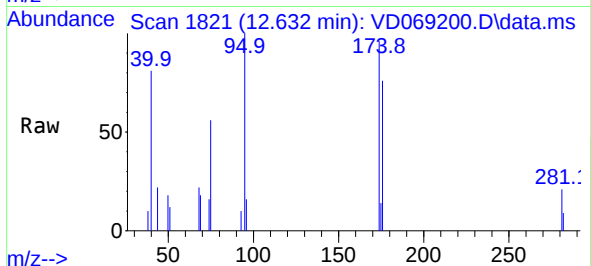




#76
1,2,3-Trichloropropane
Concen: 71.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

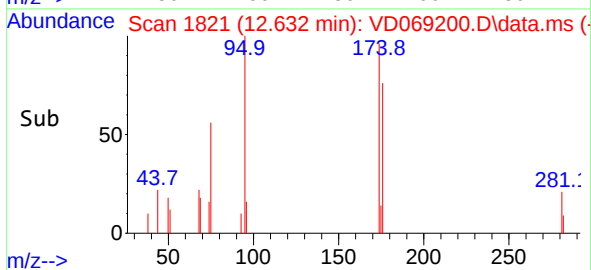
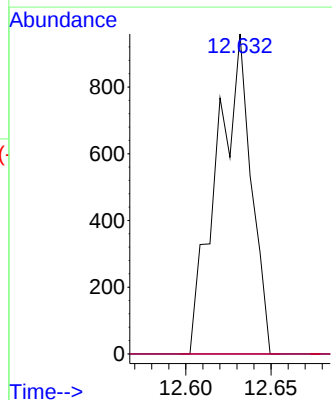
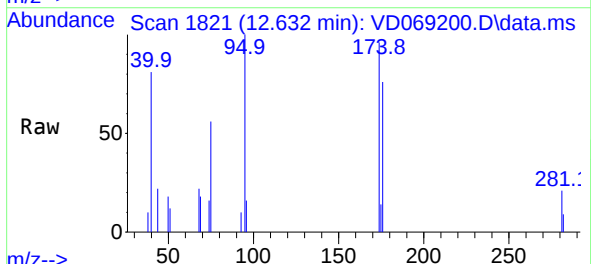
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3

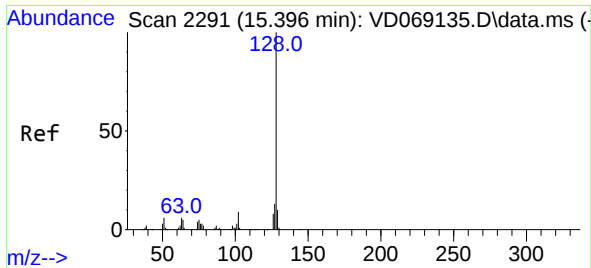
Tgt Ion: 75 Resp: 1345
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 143.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

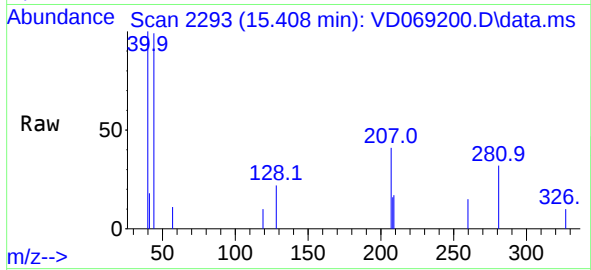
Tgt Ion: 75 Resp: 1345
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.0 40.2 60.2#





#95
Naphthalene
Concen: 3.49 ug/l
RT: 15.408 min Scan# 2293
Delta R.T. 0.012 min
Lab File: VD069200.D
Acq: 19 May 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-3



Tgt Ion:	128	Resp:	124
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

