

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069202.D
 Acq On : 19 May 2021 17:53
 Operator : VA/SY
 Sample : M2420-05
 Misc : 5.03G/5.00ml/MSVOA_D/soil
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCESSION-CP-5

Quant Time: May 20 01:03:02 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)

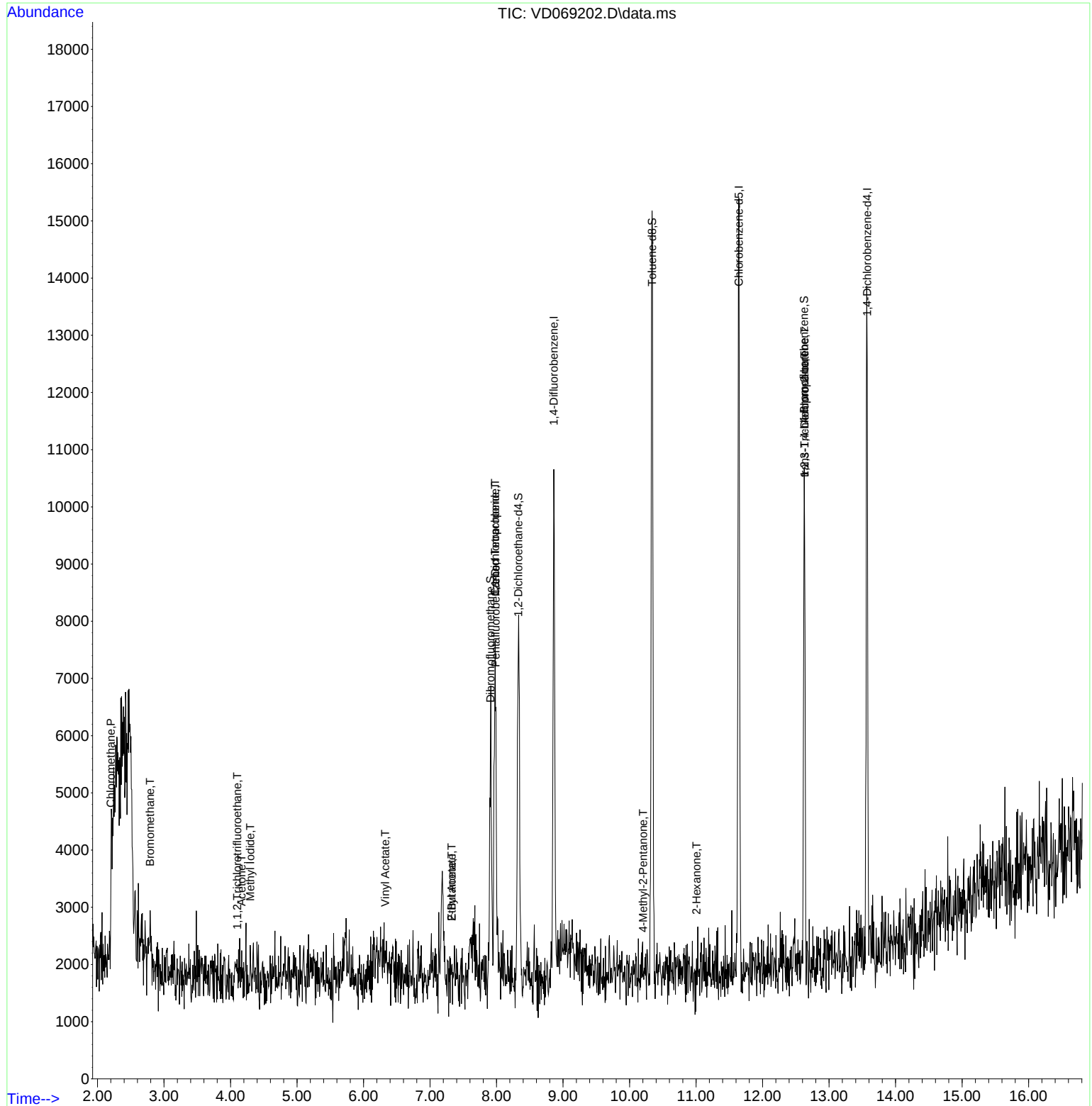
Internal Standards						
1) Pentafluorobenzene	7.985	168	5369	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	9100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	8327	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	3207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	5342	99.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 198.50%#			
35) Dibromofluoromethane	7.908	113	3015	50.91	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.82%			
50) Toluene-d8	10.338	98	10113	46.48	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.96%			
62) 4-Bromofluorobenzene	12.626	95	2909	41.55	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.10%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	478	7.29	ug/l	# 75
5) Bromomethane	2.791	94	902	13.87	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	63	1.05	ug/l	# 19
10) Methyl Iodide	4.297	142	62	1.90	ug/l	# 38
16) Acetone	4.167	43	235	28.51	ug/l	# 41
23) Vinyl Acetate	6.326	43	78	1.12	ug/l	# 66
25) 2-Butanone	7.326	43	116	10.38	ug/l	# 38
36) 1,1-Dichloropropene	7.979	75	326	3.68	ug/l	# 40
37) Ethyl Acetate	7.326	43	116	4.08	ug/l	# 66
38) Carbon Tetrachloride	7.979	117	153	1.55	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.202	43	56	2.11	ug/l	# 32
59) 2-Hexanone	11.008	43	60	3.39	ug/l	# 19
76) 1,2,3-Trichloropropane	12.632	75	1670	69.27	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	1670	139.93	ug/l	# 14

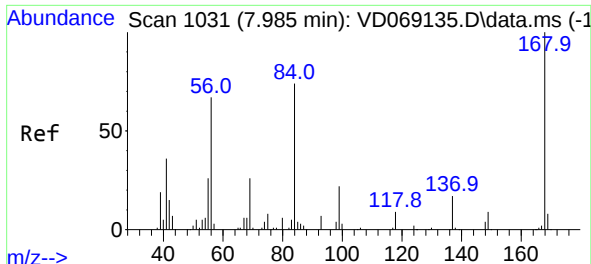
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.03G/5.00ml/MSVOA_D/SOIL
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Quant Time: May 20 01:03:02 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

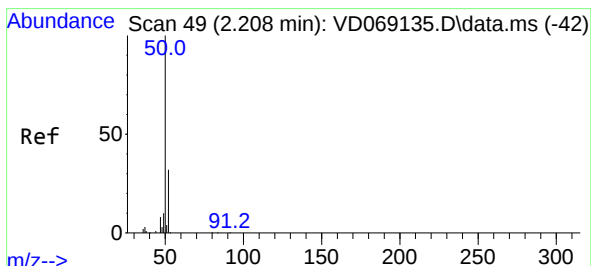
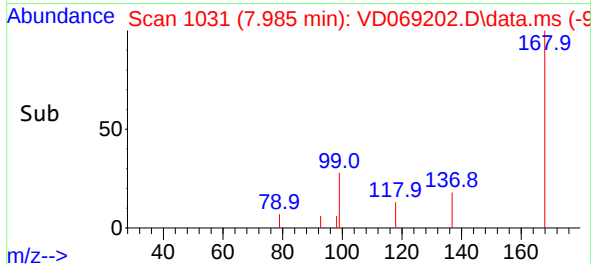
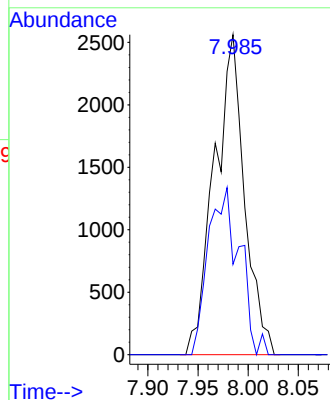
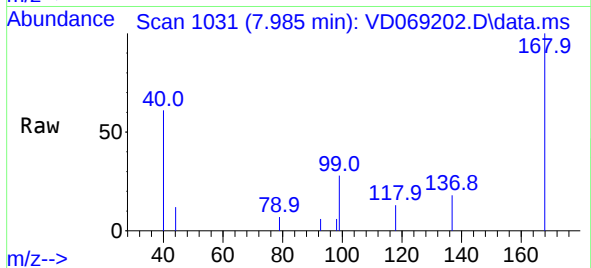




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

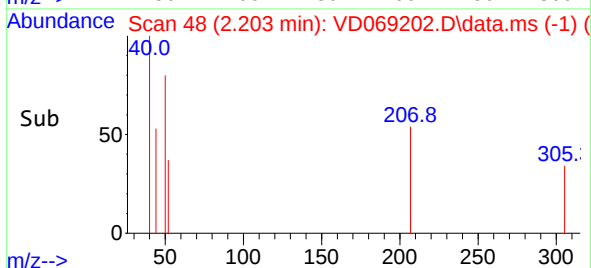
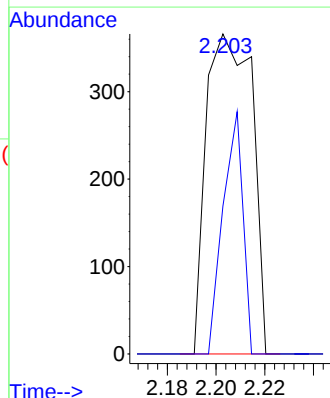
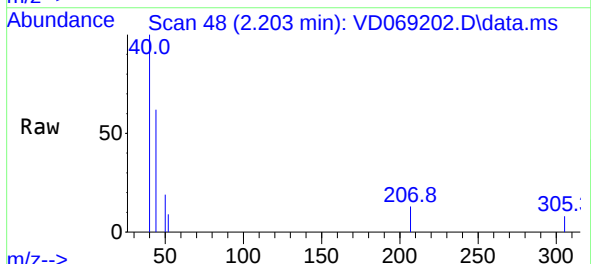
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-5

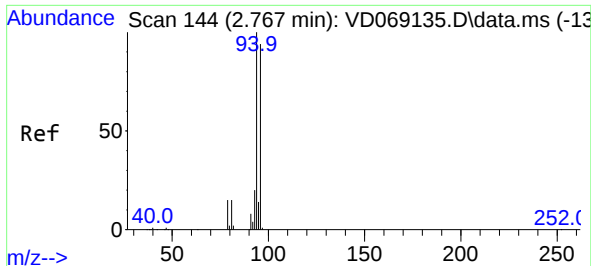
Tgt Ion:168 Resp: 5369
Ion Ratio Lower Upper
168 100
99 28.3 47.2 70.8#



#3
Chloromethane
Concen: 7.29 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Tgt Ion: 50 Resp: 478
Ion Ratio Lower Upper
50 100
52 46.2 25.8 38.8#

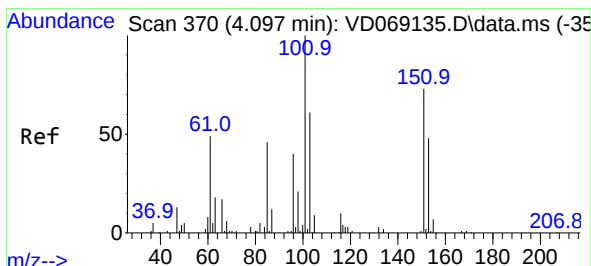
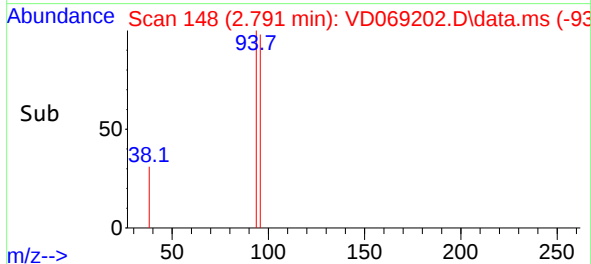
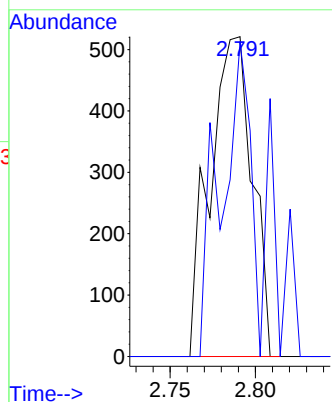
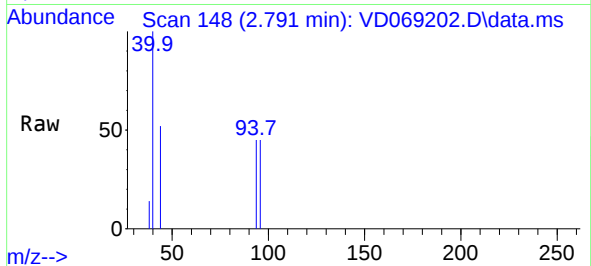




#5
Bromomethane
Concen: 13.87 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.024 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

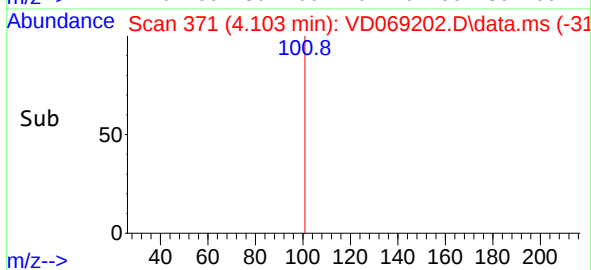
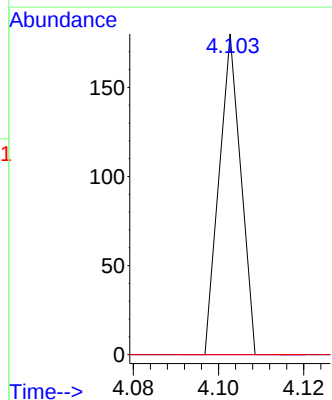
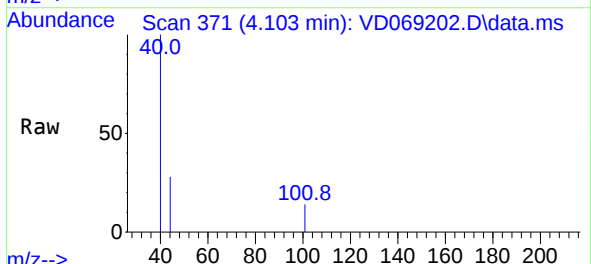
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-5

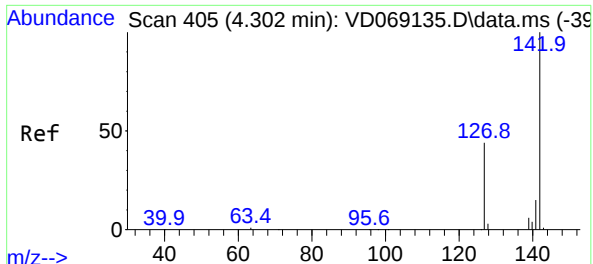
Tgt Ion: 94 Resp: 902
Ion Ratio Lower Upper
94 100
96 98.5 75.4 113.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.05 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Tgt Ion: 101 Resp: 63
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 60.6 91.0#





#10

Methyl Iodide

Concen: 1.90 ug/l

RT: 4.297 min Scan# 404

Delta R.T. -0.005 min

Lab File: VD069202.D

Acq: 19 May 2021 17:53

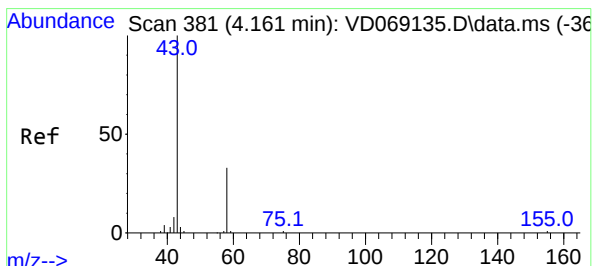
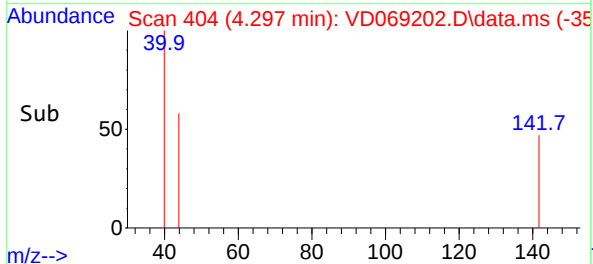
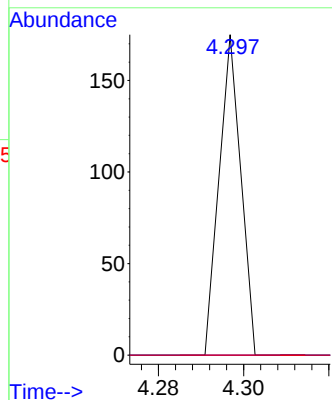
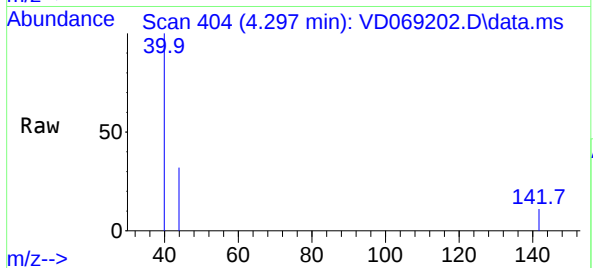
Instrument :

MSVOA_D

ClientSampleId :

CONCESSION-CP-5

Tgt Ion:	142	Resp:	62
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.3	55.9#
141	0.0	12.2	18.4#



#16

Acetone

Concen: 28.51 ug/l

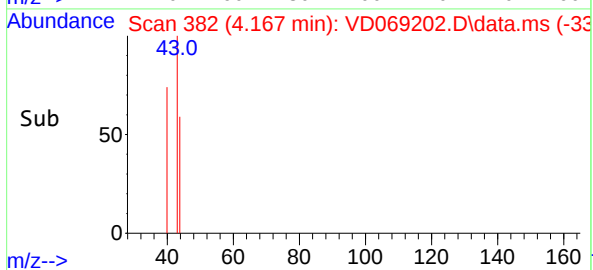
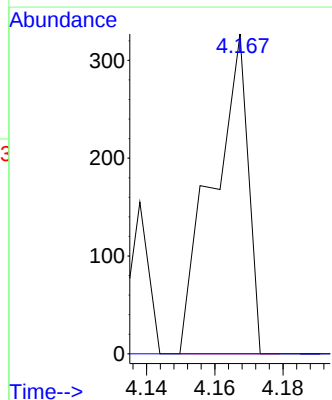
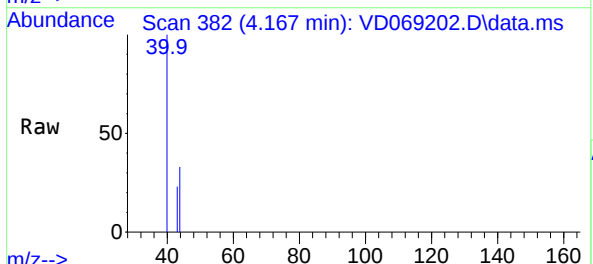
RT: 4.167 min Scan# 382

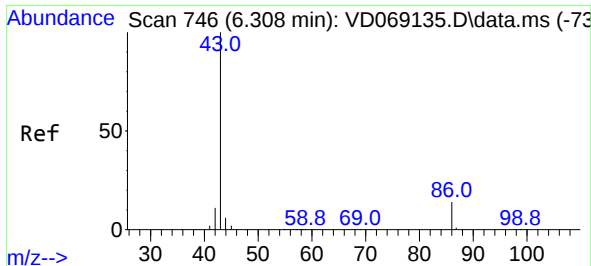
Delta R.T. 0.006 min

Lab File: VD069202.D

Acq: 19 May 2021 17:53

Tgt Ion:	43	Resp:	235
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#

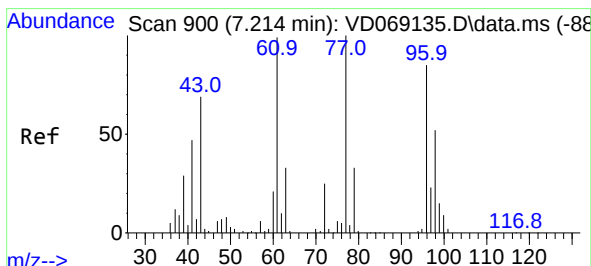
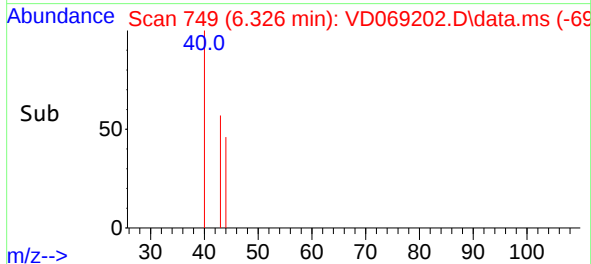
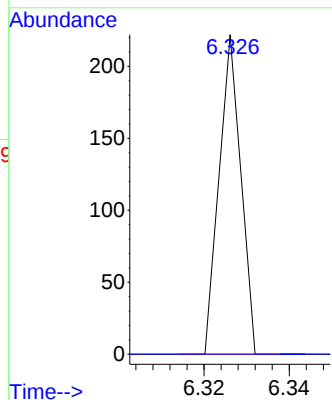
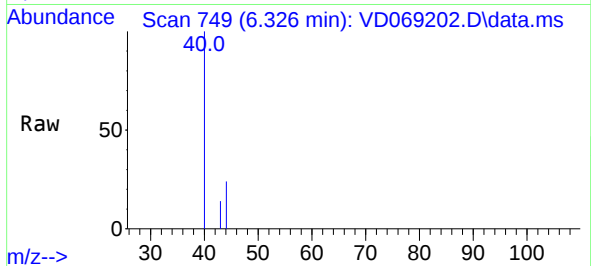




#23
 Vinyl Acetate
 Concen: 1.12 ug/l
 RT: 6.326 min Scan# 749
 Delta R.T. 0.018 min
 Lab File: VD069202.D
 Acq: 19 May 2021 17:53

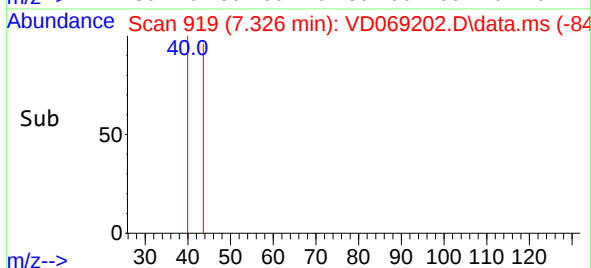
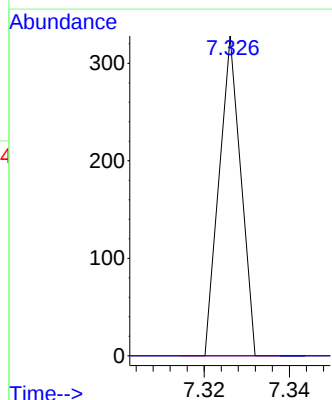
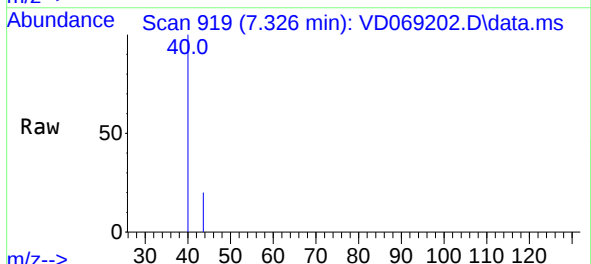
Instrument :
 MSVOA_D
 ClientSampleId :
 CONCESSION-CP-5

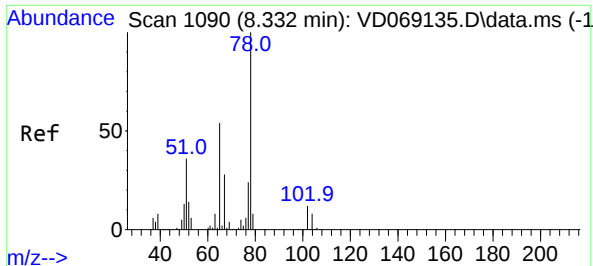
Tgt Ion: 43 Resp: 78
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.1 16.7#



#25
 2-Butanone
 Concen: 10.38 ug/l
 RT: 7.326 min Scan# 919
 Delta R.T. 0.112 min
 Lab File: VD069202.D
 Acq: 19 May 2021 17:53

Tgt Ion: 43 Resp: 116
 Ion Ratio Lower Upper
 43 100
 72 0.0 29.1 43.7#

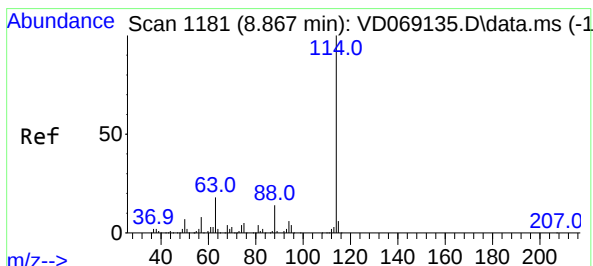
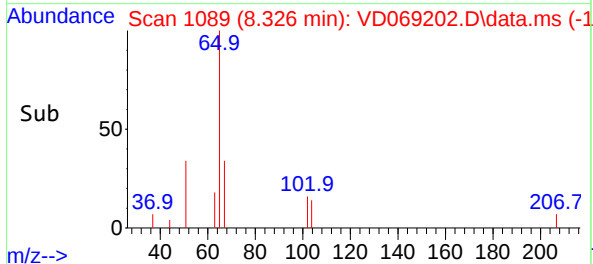
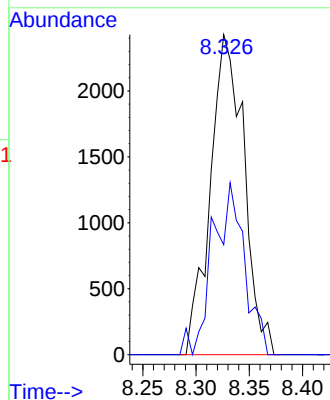
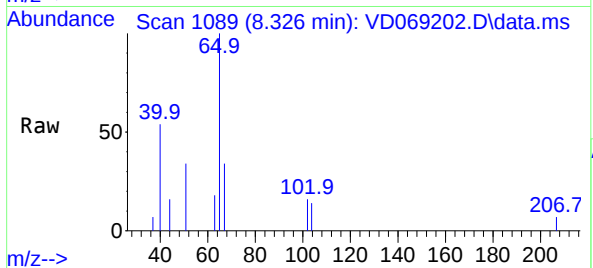




#33
1,2-Dichloroethane-d4
Concen: 99.25 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

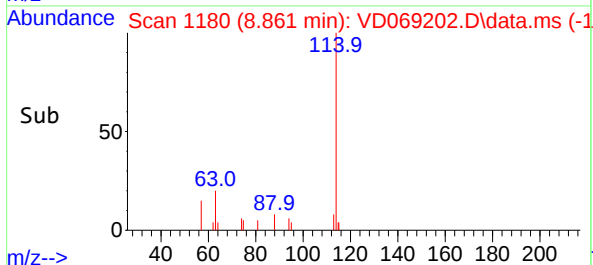
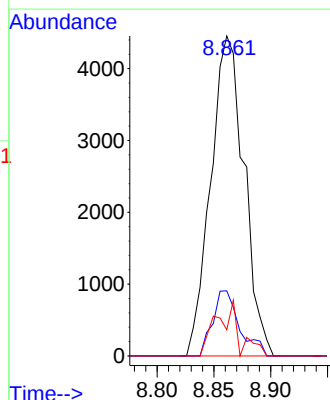
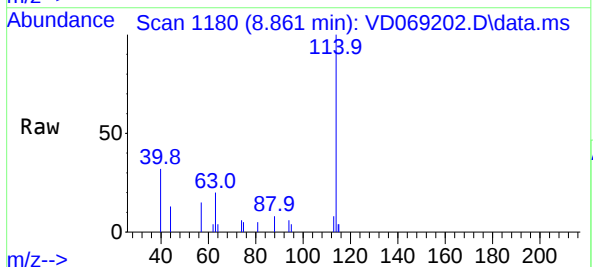
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-5

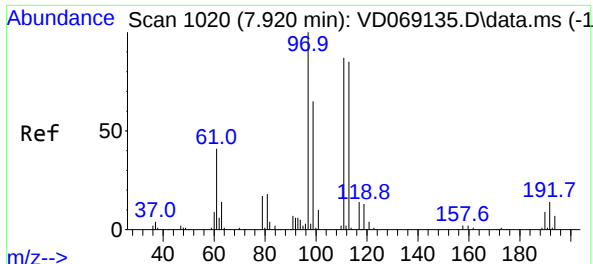
Tgt Ion: 65 Resp: 5342
Ion Ratio Lower Upper
65 100
67 50.6 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Tgt Ion: 114 Resp: 9100
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 8.2 0.0 28.2

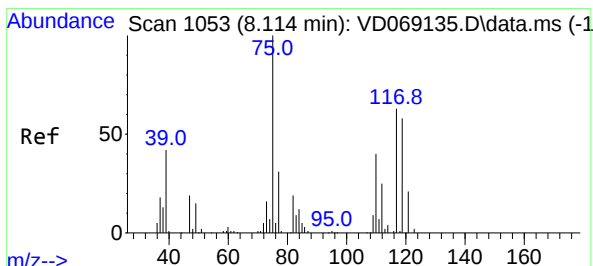
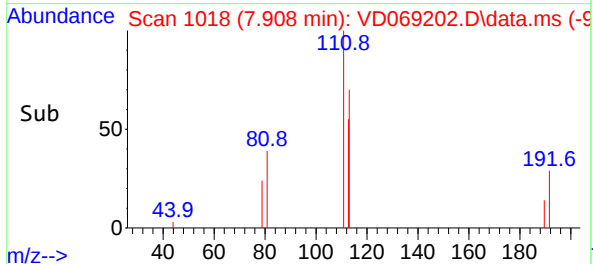
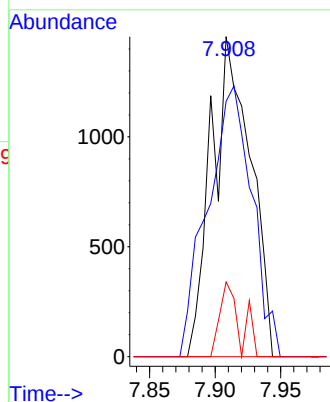
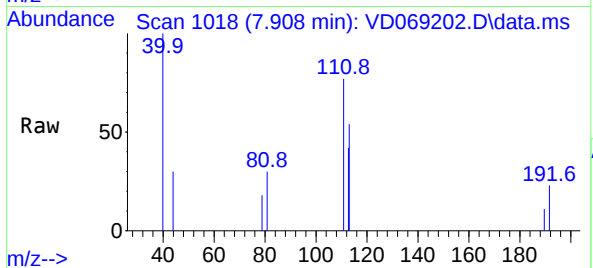




#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

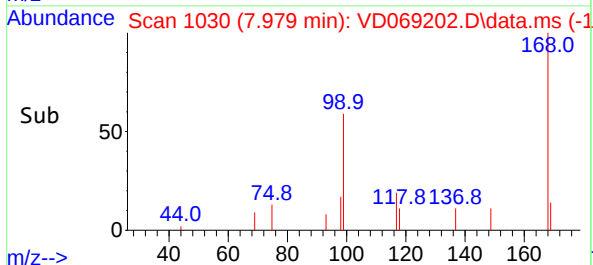
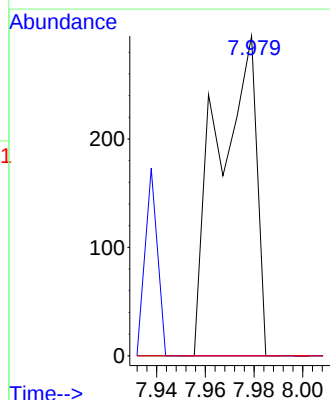
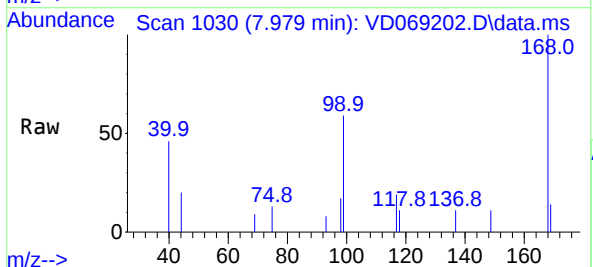
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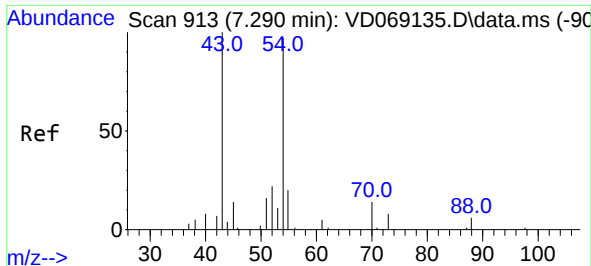
Tgt Ion:113 Resp: 3015
Ion Ratio Lower Upper
113 100
111 96.0 80.6 120.8
192 12.0 14.8 22.2#



#36
1,1-Dichloropropene
Concen: 3.68 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Tgt Ion: 75 Resp: 326
Ion Ratio Lower Upper
75 100
110 0.0 18.8 56.4#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 4.08 ug/l

RT: 7.326 min Scan# 919

Delta R.T. 0.036 min

Lab File: VD069202.D

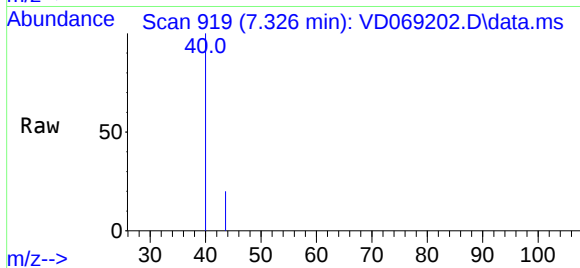
Acq: 19 May 2021 17:53

Instrument :

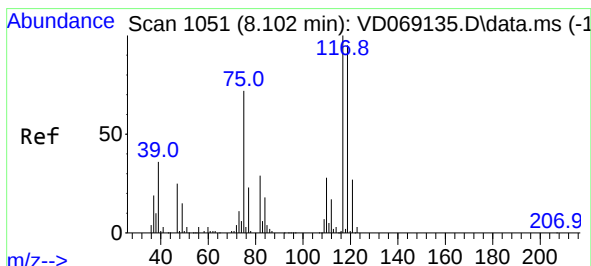
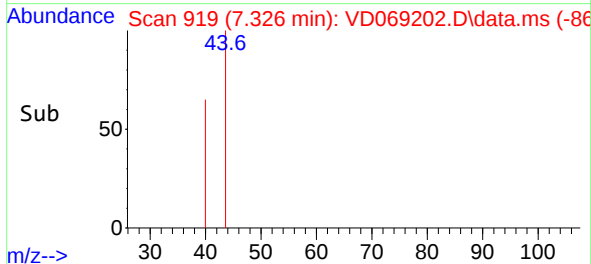
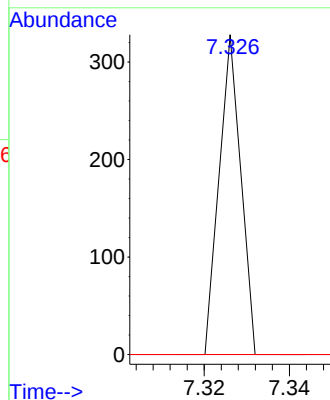
MSVOA_D

ClientSampleId :

CONCESSION-CP-5



Tgt Ion: 43	Resp:	116
Ion	Ratio	Lower Upper
43	100	
61	0.0	11.5 17.3#
70	0.0	10.4 15.6#



#38

Carbon Tetrachloride

Concen: 1.55 ug/l

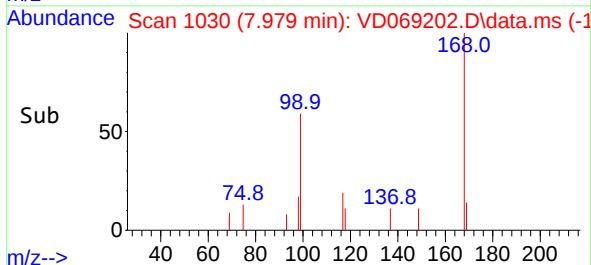
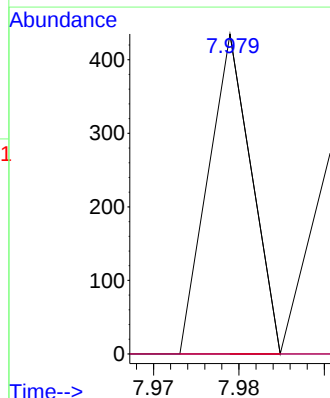
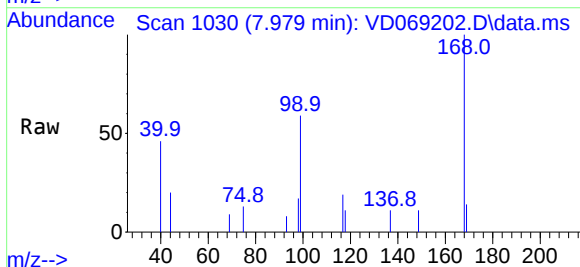
RT: 7.979 min Scan# 1030

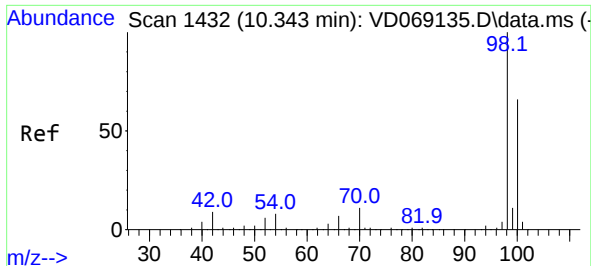
Delta R.T. -0.123 min

Lab File: VD069202.D

Acq: 19 May 2021 17:53

Tgt Ion: 117	Resp:	153
Ion	Ratio	Lower Upper
117	100	
119	0.0	76.2 114.2#
121	0.0	21.9 32.9#

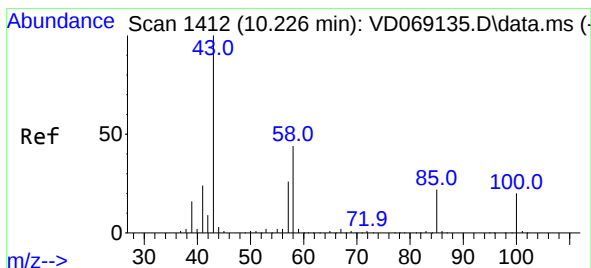
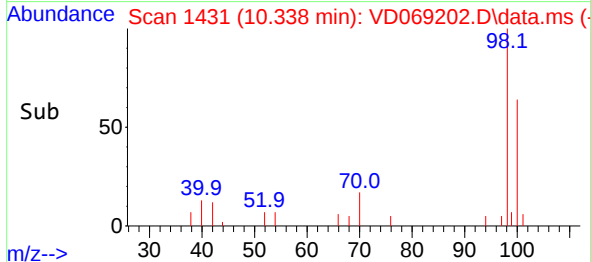
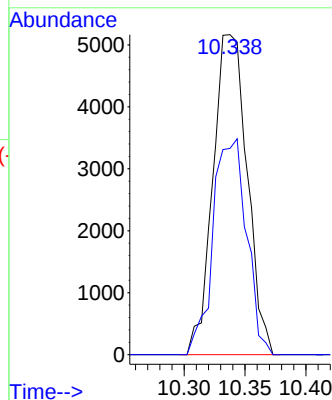
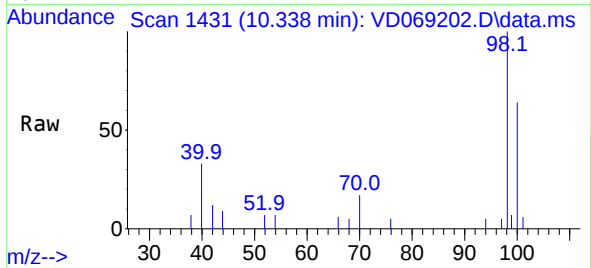




#50
Toluene-d8
Concen: 46.48 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

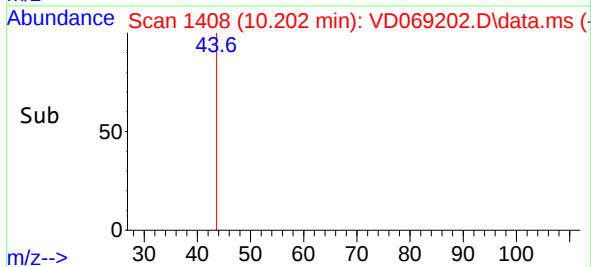
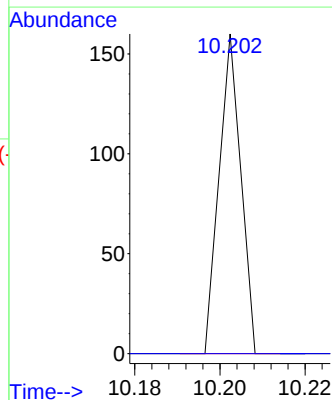
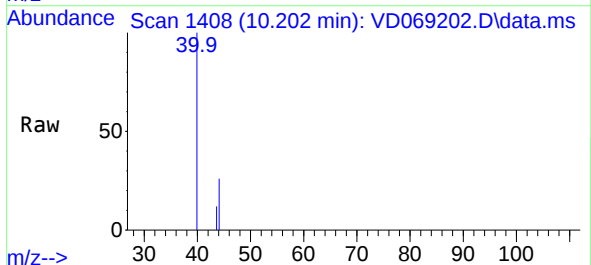
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-5

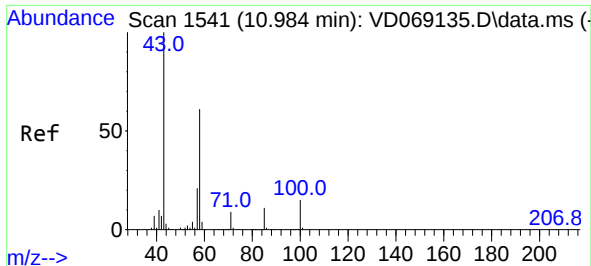
Tgt Ion: 98 Resp: 10113
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 2.11 ug/l
RT: 10.202 min Scan# 1408
Delta R.T. -0.023 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

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

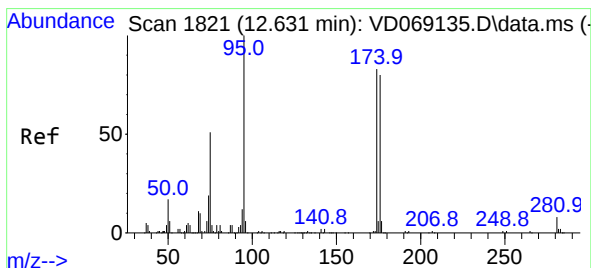
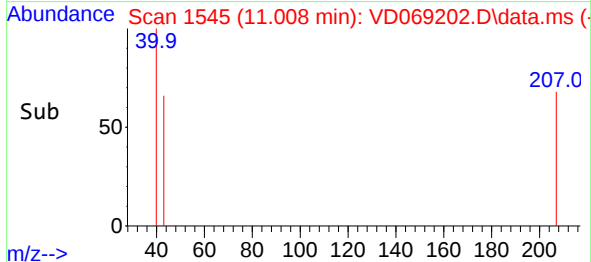
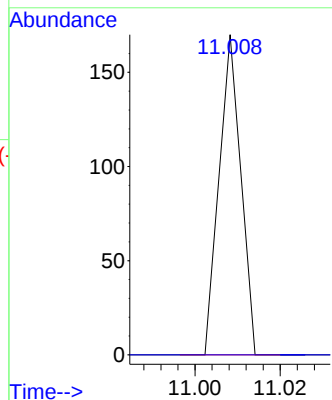
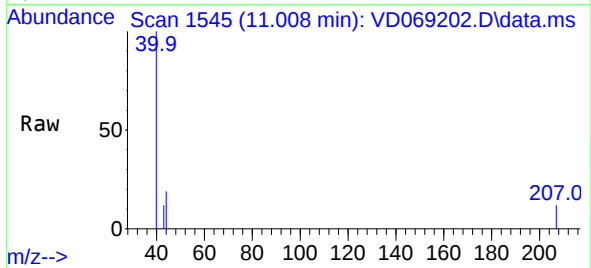




#59
2-Hexanone
Concen: 3.39 ug/l
RT: 11.008 min Scan# 1545
Delta R.T. 0.024 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

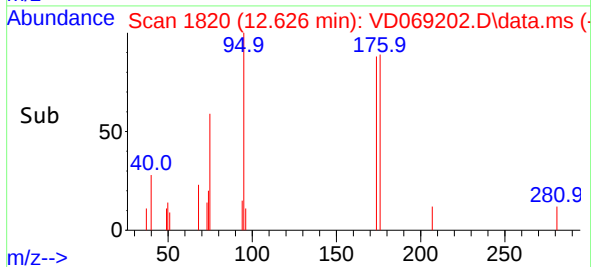
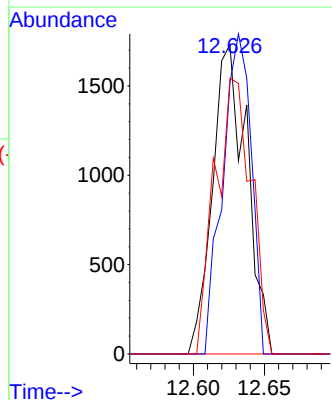
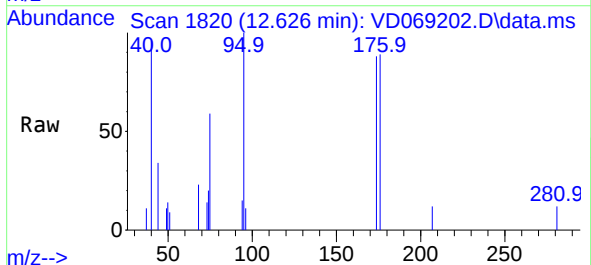
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-5

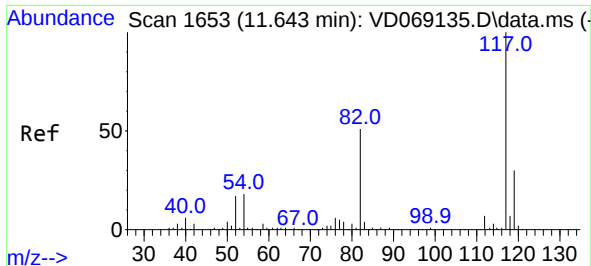
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 41.55 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Tgt Ion: 95 Resp: 2909
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.8
176 93.4 0.0 165.4

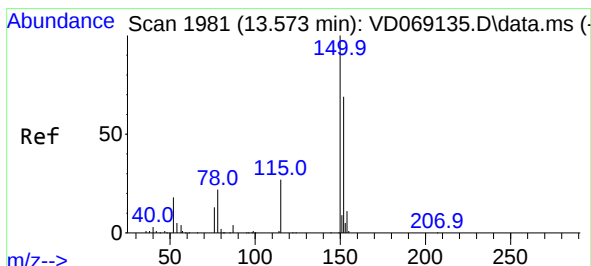
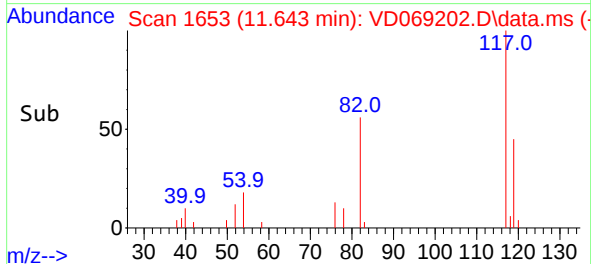
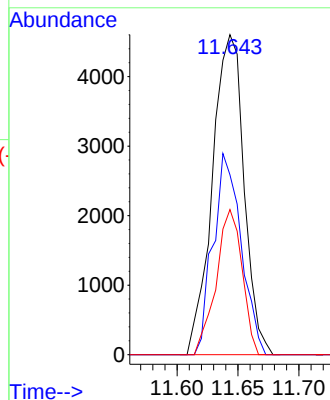
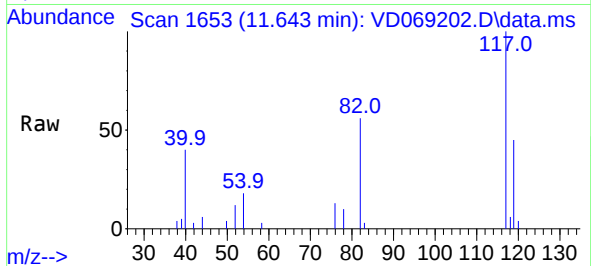




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

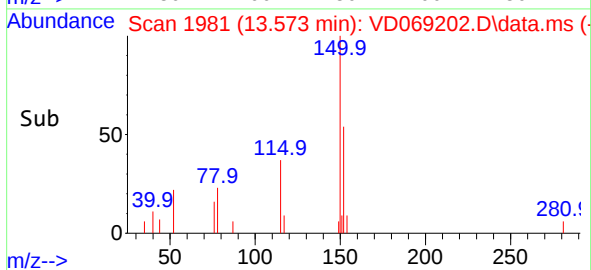
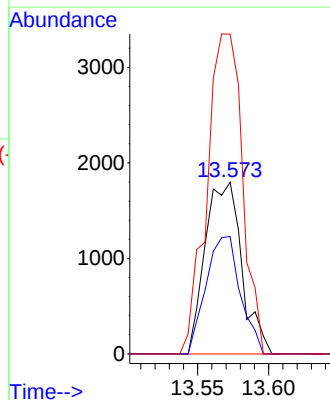
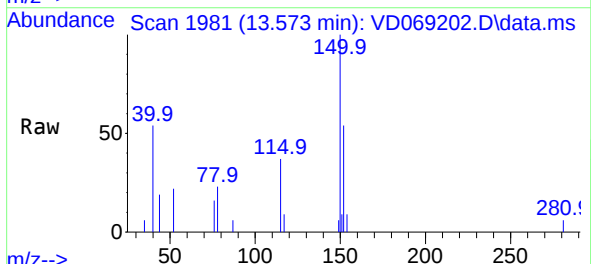
Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-5

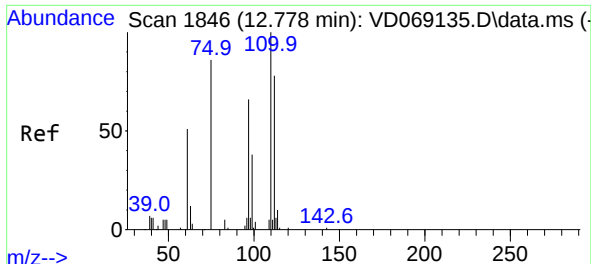
Tgt Ion:117 Resp: 8327
Ion Ratio Lower Upper
117 100
82 56.2 40.5 60.7
119 45.3 24.2 36.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Tgt Ion:152 Resp: 3207
Ion Ratio Lower Upper
152 100
115 64.5 29.9 89.8
150 182.0 0.0 350.2

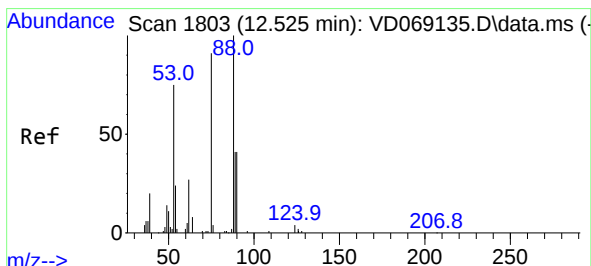
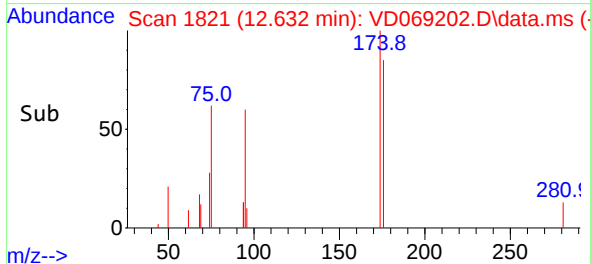
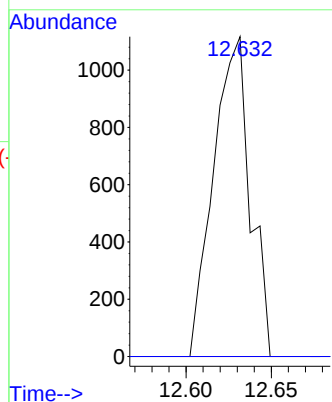
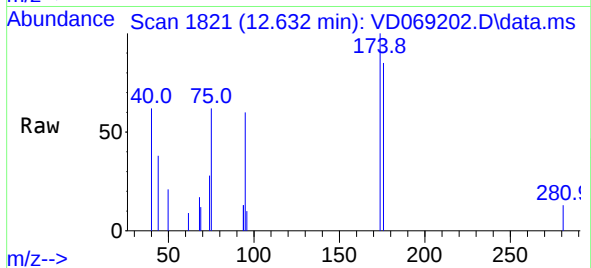




#76
1,2,3-Trichloropropane
Concen: 69.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
CONCESSION-CP-5

Tgt Ion: 75 Resp: 1670
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 139.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069202.D
Acq: 19 May 2021 17:53

Tgt Ion: 75 Resp: 1670
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.0 40.2 60.2#

