

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069106.D
 Acq On : 07 May 2021 16:52
 Operator : VA/SY
 Sample : M2279-06
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-17

Quant Time: May 08 00:09:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

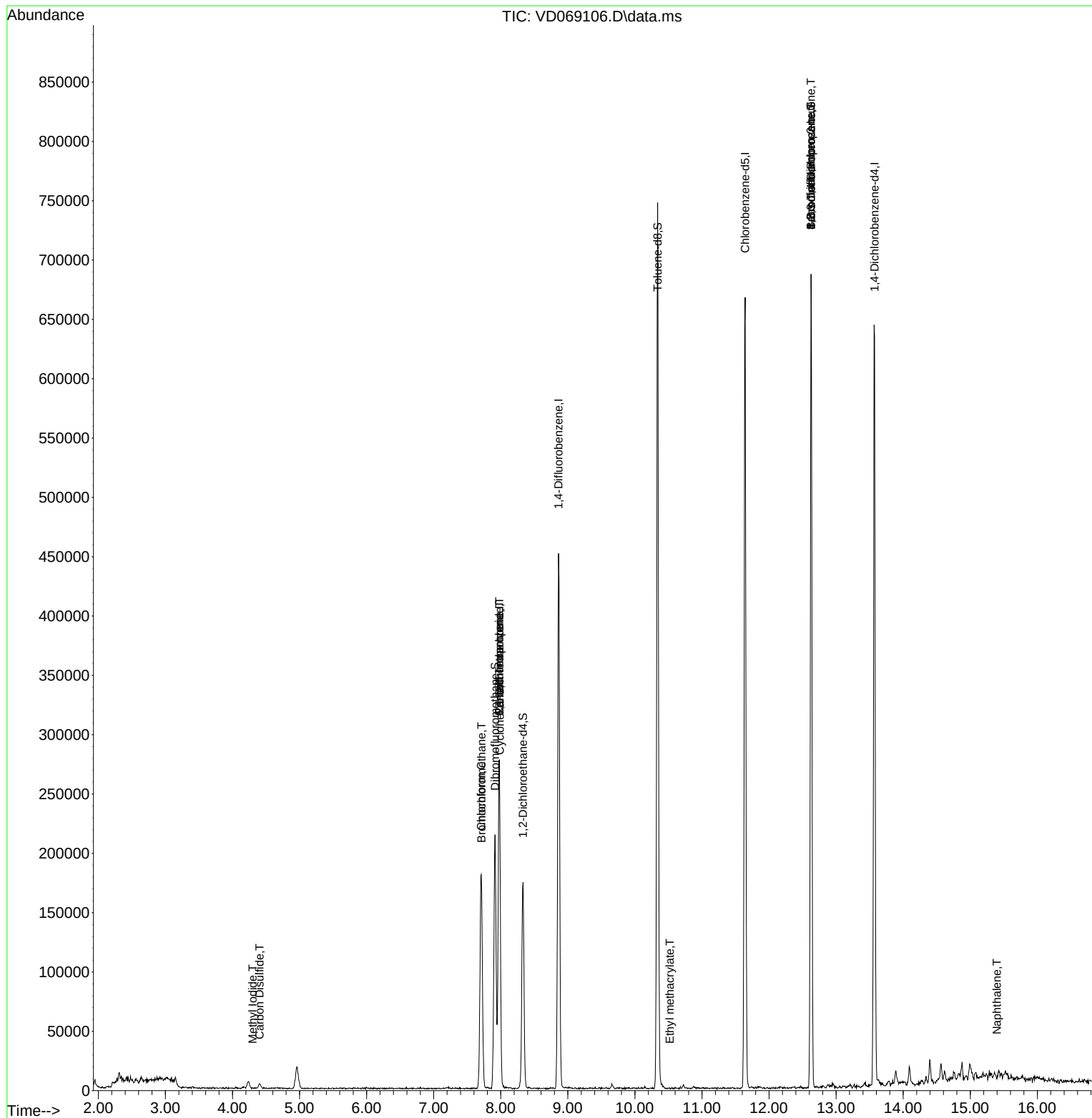
Internal Standards						
1) Pentafluorobenzene	7.979	168	204067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	403988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	396609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	176690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139217	52.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.86%			
35) Dibromofluoromethane	7.914	113	148196	53.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.98%			
50) Toluene-d8	10.338	98	515247	50.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.76%			
62) 4-Bromofluorobenzene	12.626	95	167435	49.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.54%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	126	3.22	ug/l #	35
11) Tert butyl alcohol	5.238	59	218	Below Cal	#	81
16) Acetone	4.179	43	2184	Below Cal	#	75
17) Carbon Disulfide	4.403	76	7901	1.09	ug/l #	90
20) Methylene Chloride	4.956	84	14784	Below Cal		90
28) Bromochloromethane	7.714	49	13911	7.93	ug/l #	11
30) Chloroform	7.708	83	179115	36.86	ug/l	97
31) Cyclohexane	7.985	56	5403	1.42	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	17035	4.01	ug/l #	50
38) Carbon Tetrachloride	7.979	117	22216	4.82	ug/l #	16
56) Ethyl methacrylate	10.520	69	56	2.39	ug/l #	1
71) Bromoform	12.626	173	2098	1.34	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	85745	55.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	85745	121.30	ug/l #	10
95) Naphthalene	15.396	128	500	2.91	ug/l #	69

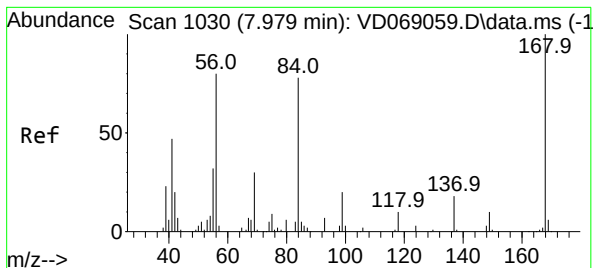
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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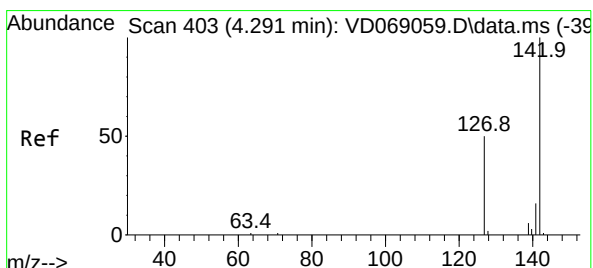
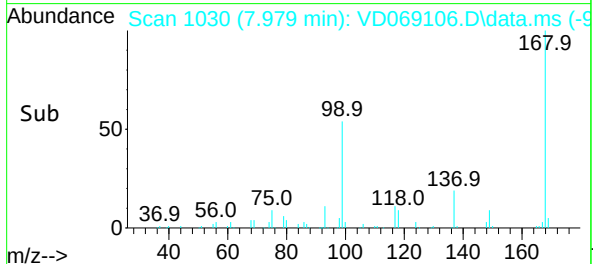
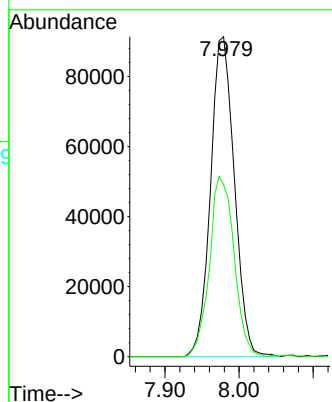
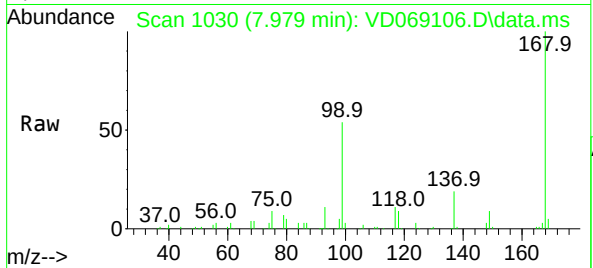




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

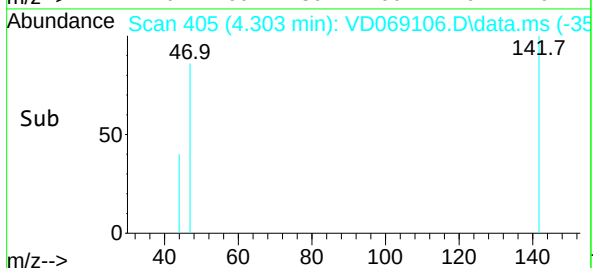
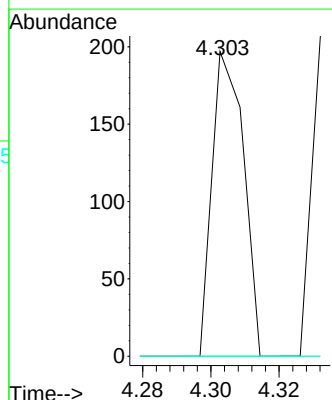
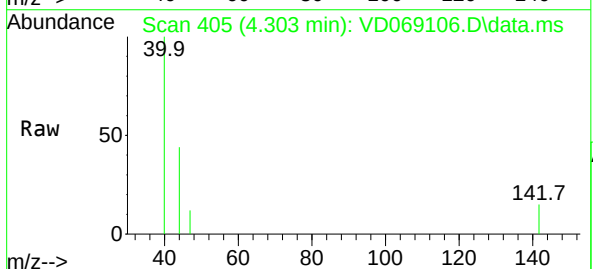
Instrument :
MSVOA_D
ClientSampleId :
EME-17

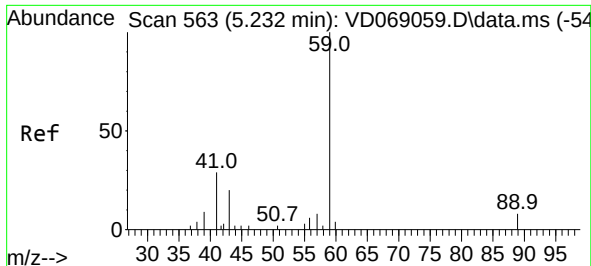
Tgt Ion:168 Resp: 204067
Ion Ratio Lower Upper
168 100
99 53.8 52.6 78.8



#10
Methyl Iodide
Concen: 3.22 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 12.2 18.4#



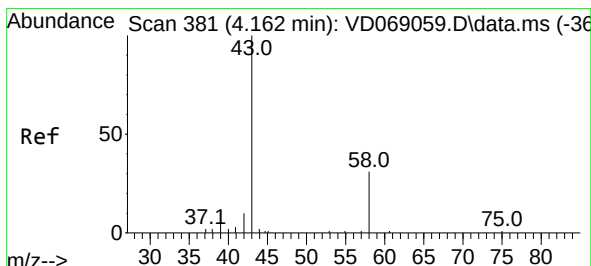
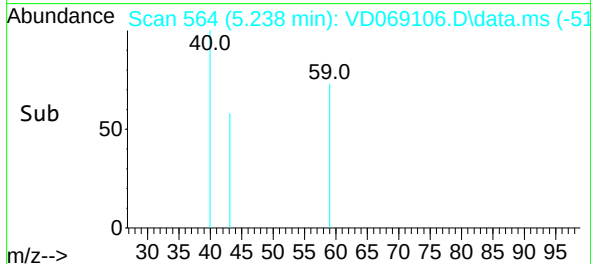
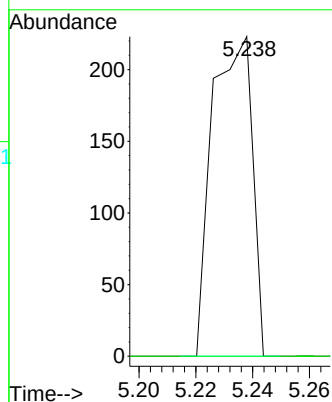
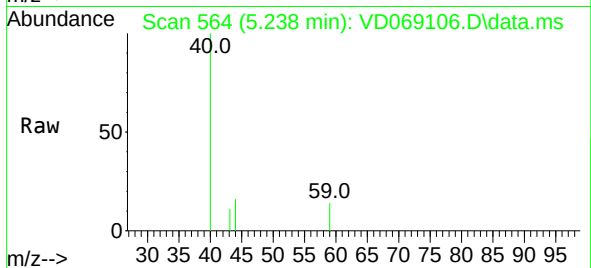


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.006 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Instrument :
MSVOA_D
ClientSampleId :
EME-17

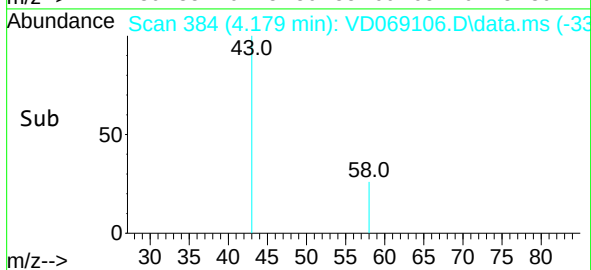
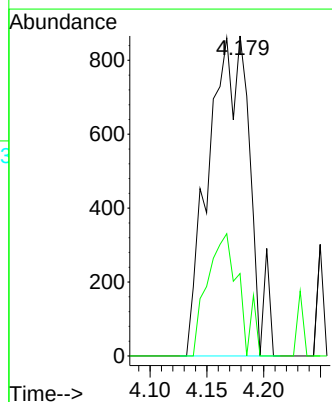
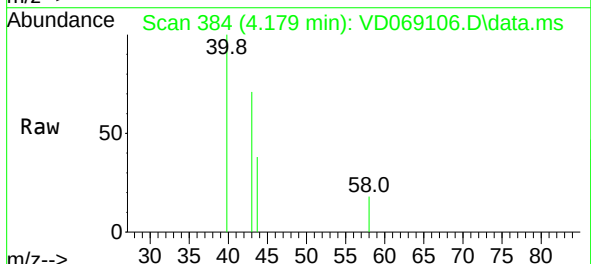
Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#

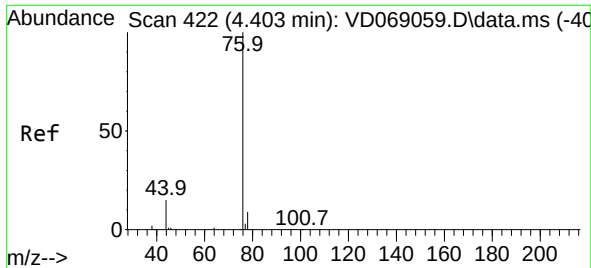


#16

Acetone
Concen: Below Cal
RT: 4.179 min Scan# 384
Delta R.T. 0.017 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion: 43 Resp: 2184
Ion Ratio Lower Upper
43 100
58 16.7 24.5 36.7#

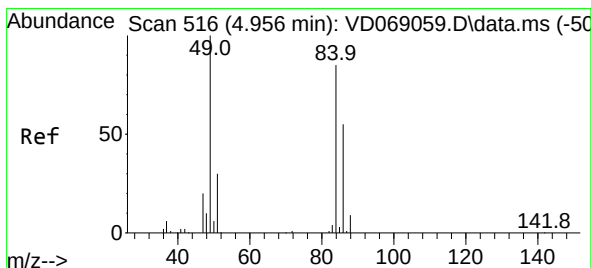
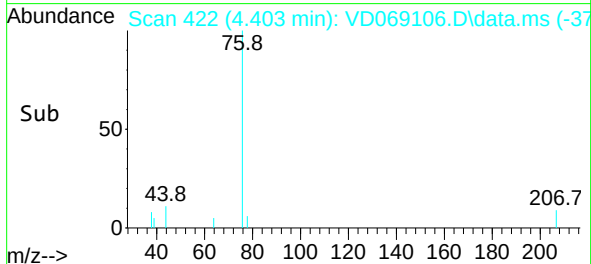
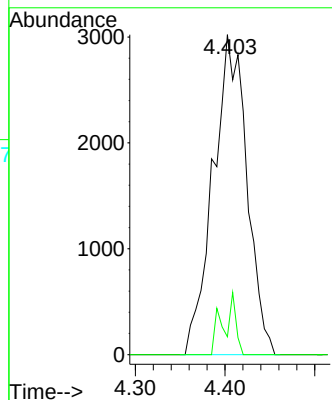
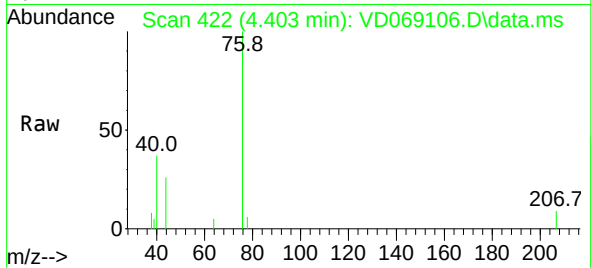




#17
Carbon Disulfide
Concen: 1.09 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

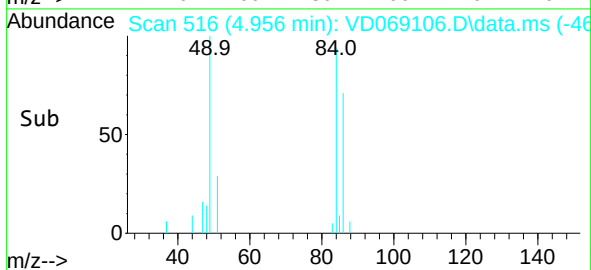
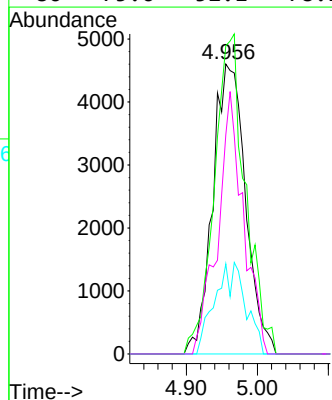
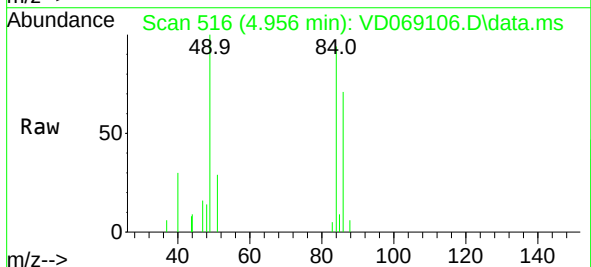
Instrument :
MSVOA_D
ClientSampled :
EME-17

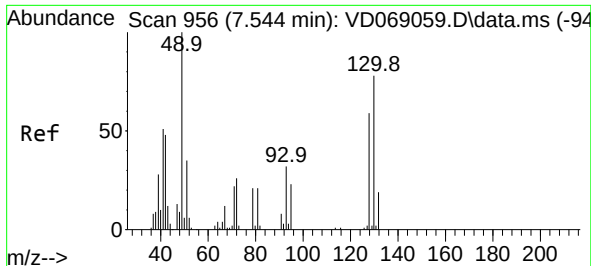
Tgt Ion: 76 Resp: 7901
Ion Ratio Lower Upper
76 100
78 5.6 7.4 11.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion: 84 Resp: 14784
Ion Ratio Lower Upper
84 100
49 106.3 93.9 140.9
51 31.1 27.9 41.9
86 75.6 52.1 78.1

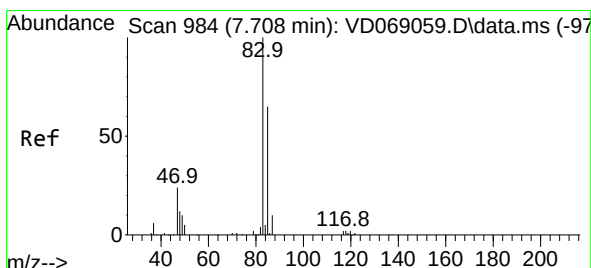
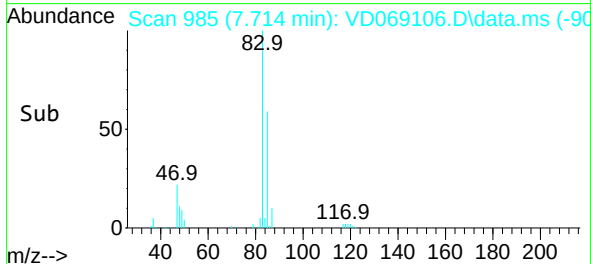
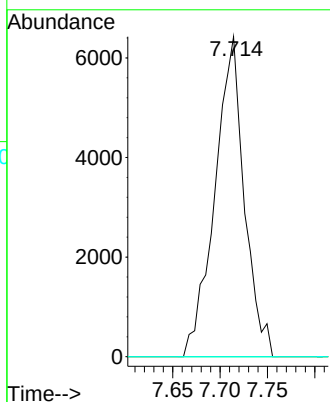
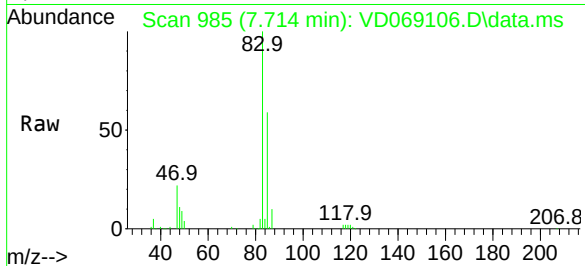




#28
Bromochloromethane
Concen: 7.93 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.170 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

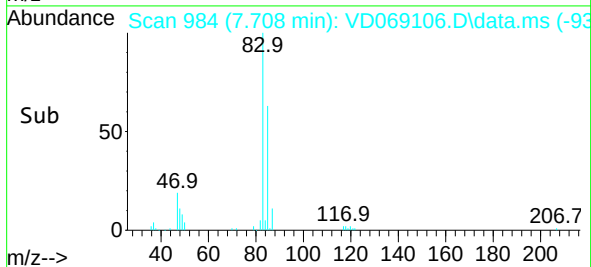
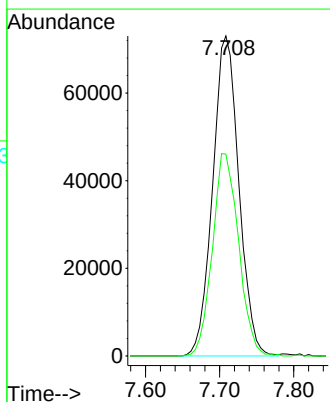
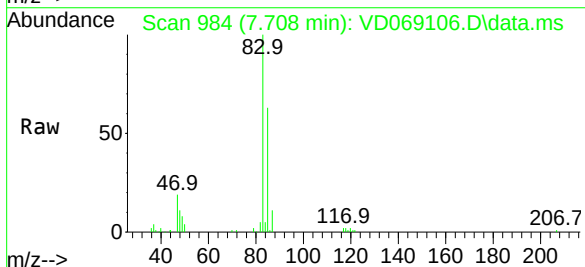
Instrument :
MSVOA_D
ClientSampleId :
EME-17

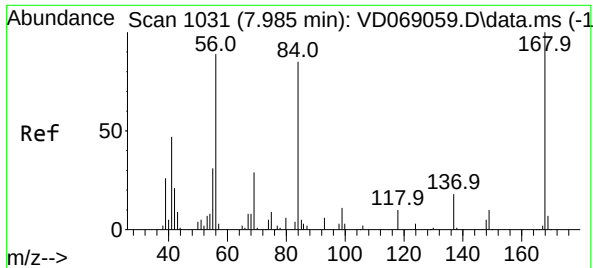
Tgt Ion: 49 Resp: 13911
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 64.9 97.3#



#30
Chloroform
Concen: 36.86 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion: 83 Resp: 179115
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6

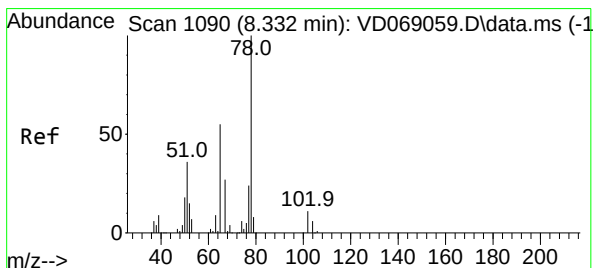
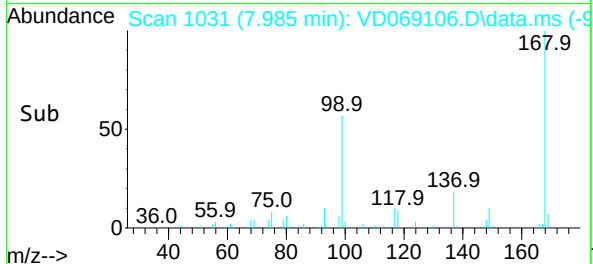
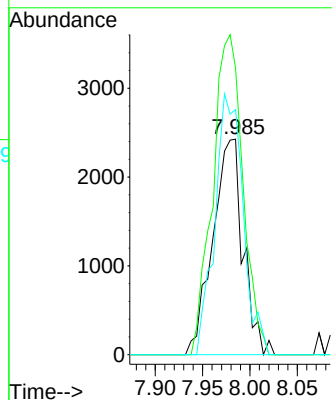
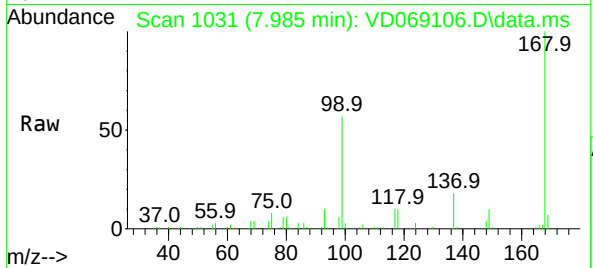




#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

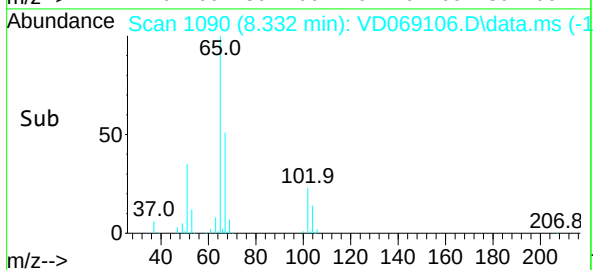
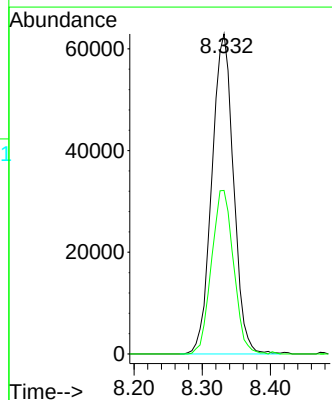
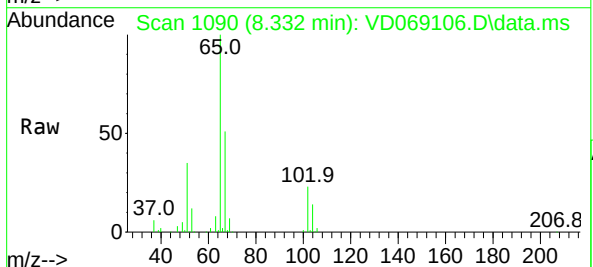
Instrument :
MSVOA_D
ClientSampled :
EME-17

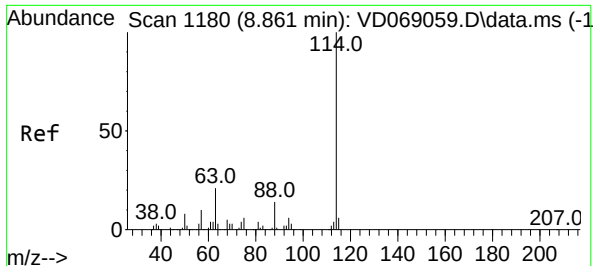
Tgt Ion: 56 Resp: 5403
Ion Ratio Lower Upper
56 100
69 133.0 26.3 39.5#
84 113.7 75.9 113.9



#33
1,2-Dichloroethane-d4
Concen: 52.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion: 65 Resp: 139217
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069106.D

Acq: 07 May 2021 16:52

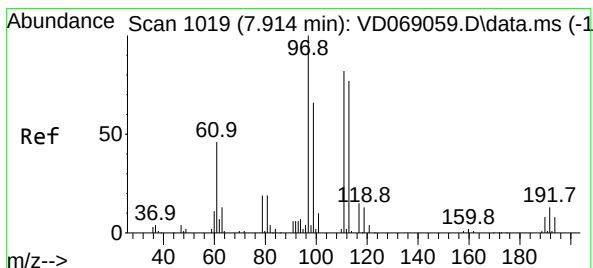
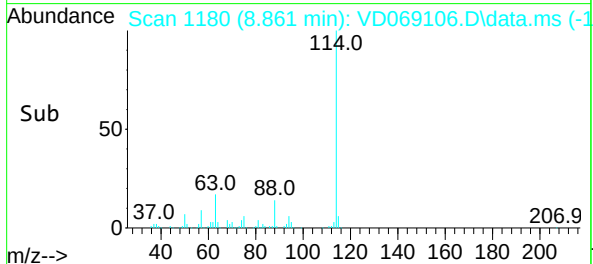
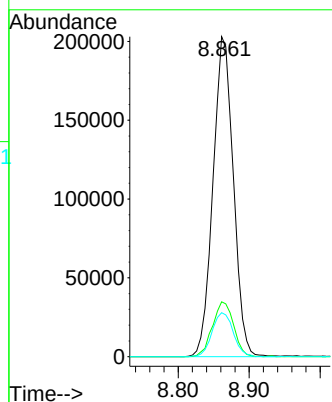
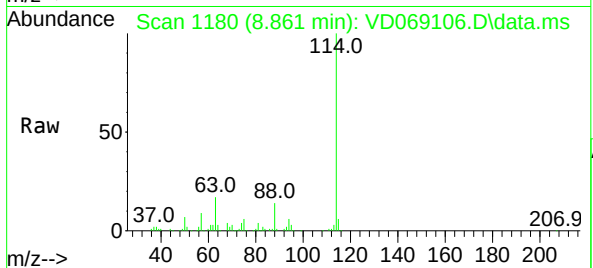
Tgt Ion:114 Resp: 403988

Ion Ratio Lower Upper

114 100

63 17.2 0.0 41.4

88 13.8 0.0 27.8



#35

Dibromofluoromethane

Concen: 53.49 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069106.D

Acq: 07 May 2021 16:52

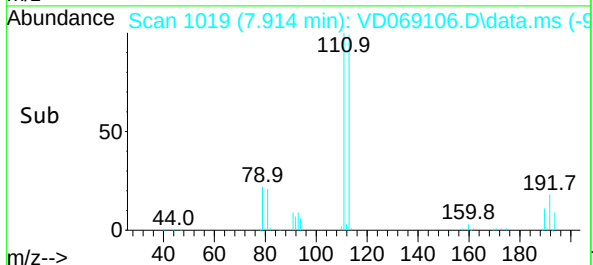
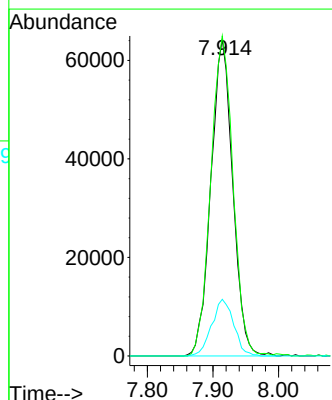
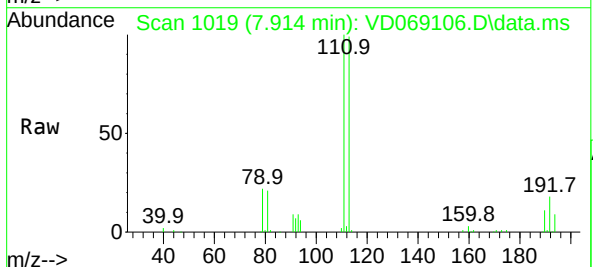
Tgt Ion:113 Resp: 148196

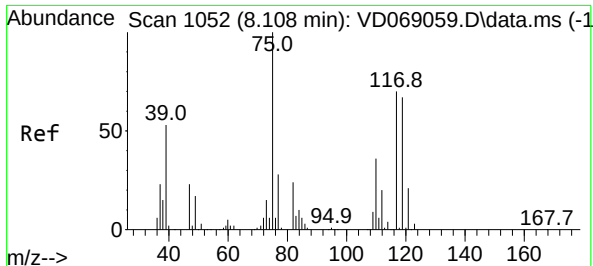
Ion Ratio Lower Upper

113 100

111 103.3 84.6 126.8

192 18.1 13.5 20.3

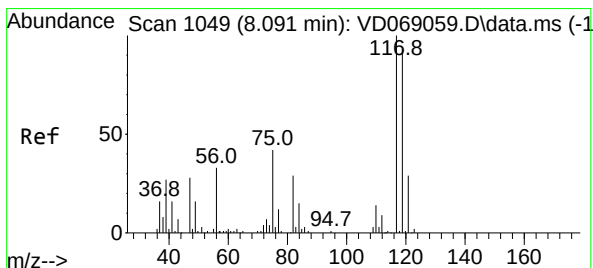
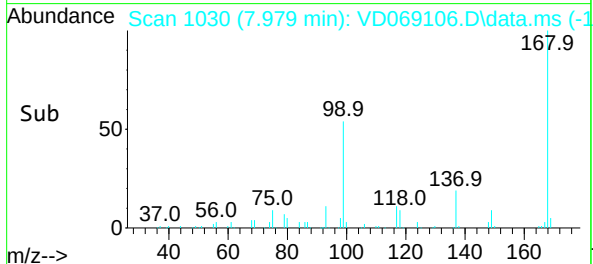
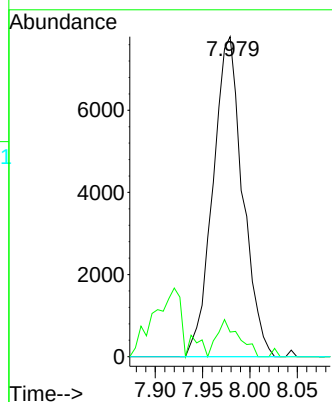
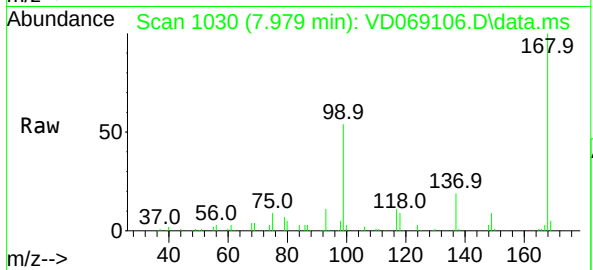




#36
1,1-Dichloropropene
Concen: 4.01 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

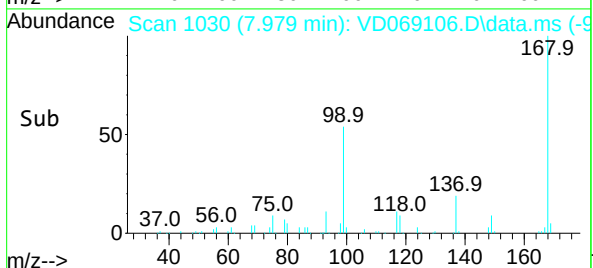
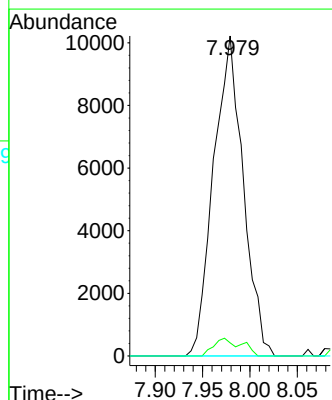
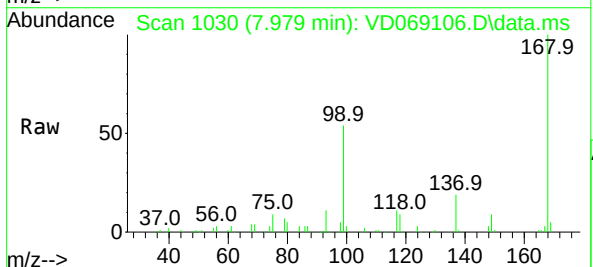
Instrument :
MSVOA_D
ClientSampleId :
EME-17

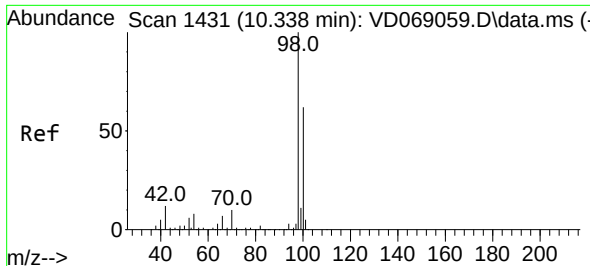
Tgt Ion: 75 Resp: 17035
Ion Ratio Lower Upper
75 100
110 8.5 17.3 51.7#
77 0.0 23.9 35.9#



#38
Carbon Tetrachloride
Concen: 4.82 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion: 117 Resp: 22216
Ion Ratio Lower Upper
117 100
119 4.1 74.7 112.1#
121 0.0 23.1 34.7#

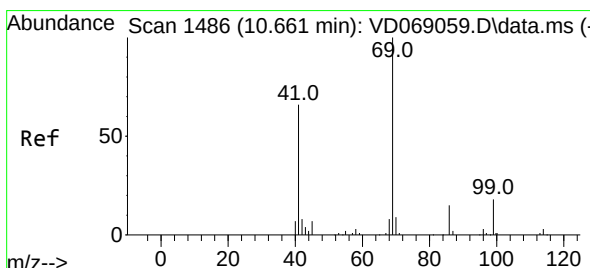
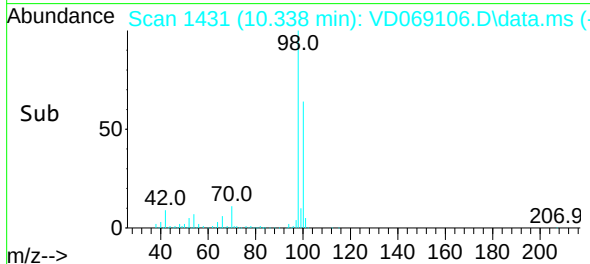
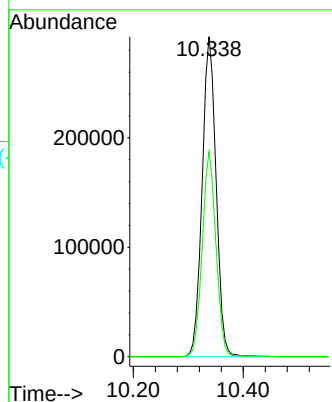
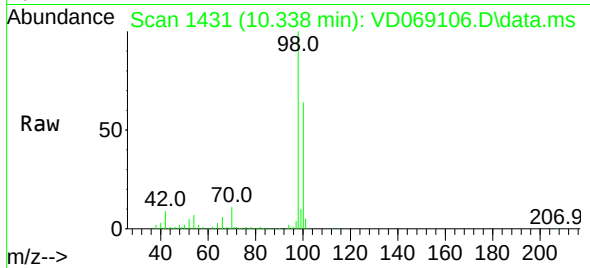




#50
Toluene-d8
Concen: 50.38 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

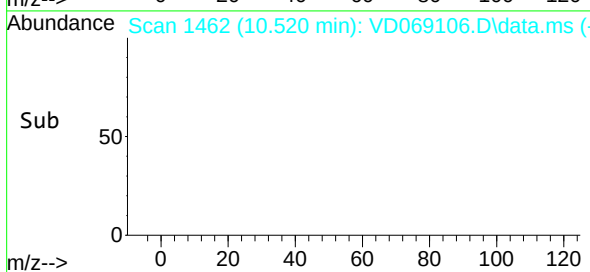
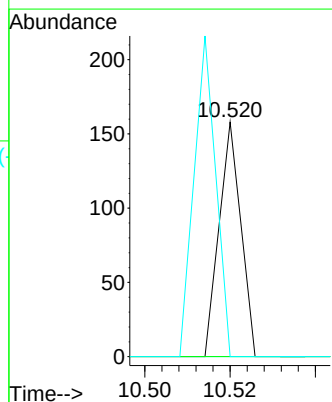
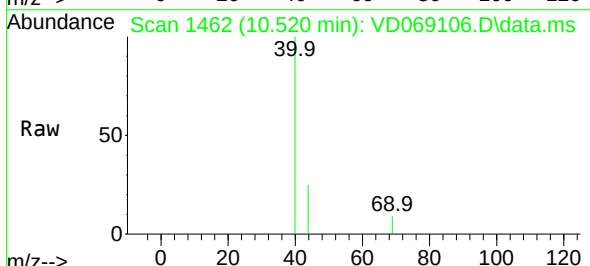
Instrument :
MSVOA_D
ClientSampleId :
EME-17

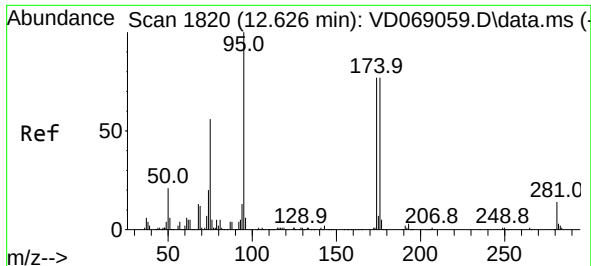
Tgt Ion: 98 Resp: 515247
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#56
Ethyl methacrylate
Concen: 2.39 ug/l
RT: 10.520 min Scan# 1462
Delta R.T. -0.141 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 135.7 29.8 44.6#

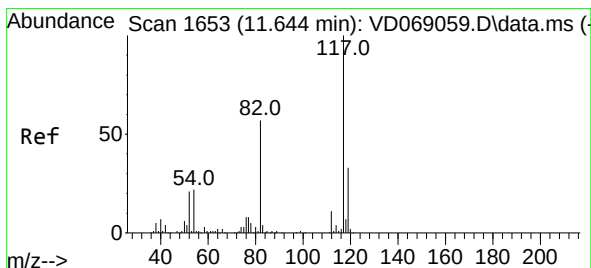
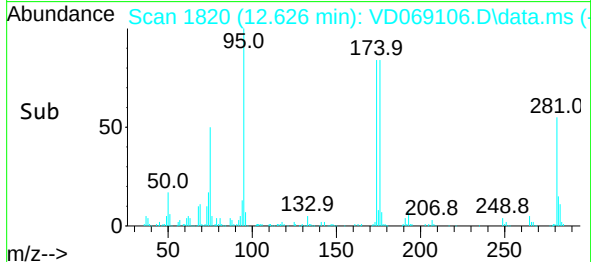
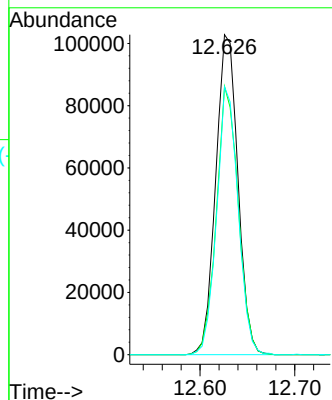
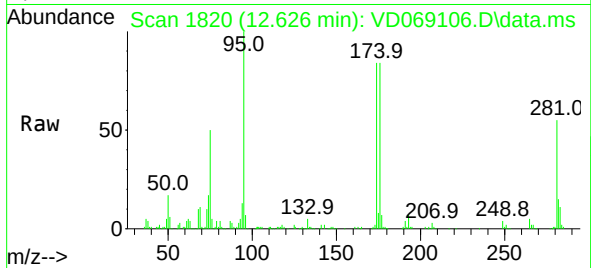




#62
4-Bromofluorobenzene
Concen: 49.77 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

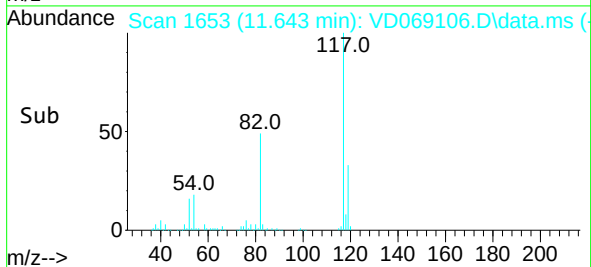
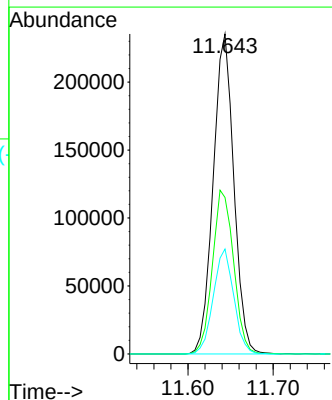
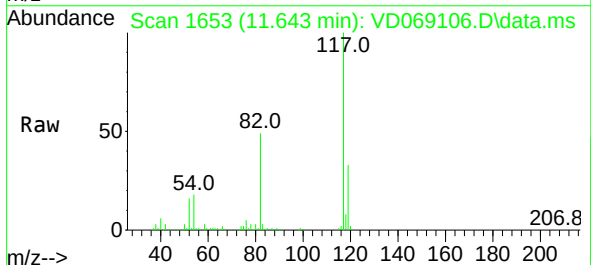
Instrument :
MSVOA_D
ClientSampleId :
EME-17

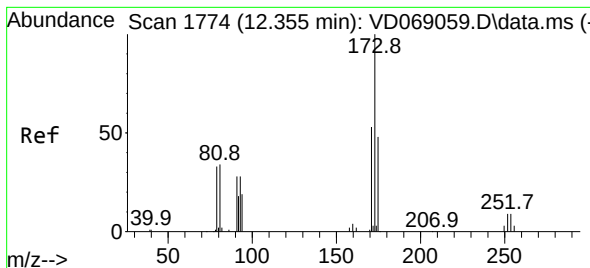
Tgt Ion: 95 Resp: 167435
Ion Ratio Lower Upper
95 100
174 82.4 0.0 156.0
176 80.6 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion: 117 Resp: 396609
Ion Ratio Lower Upper
117 100
82 48.9 45.4 68.2
119 32.8 26.8 40.2

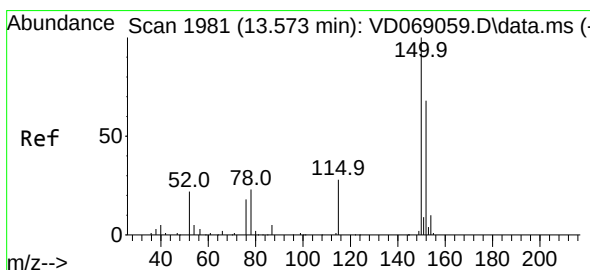
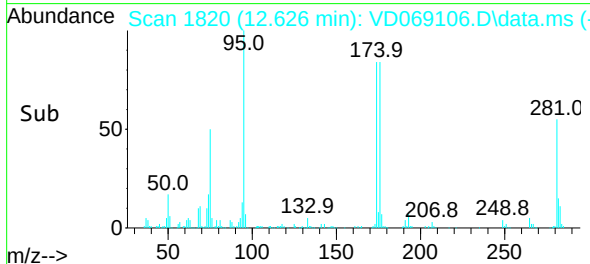
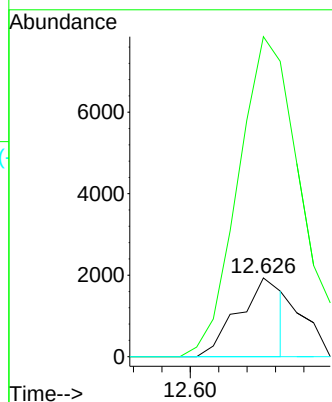
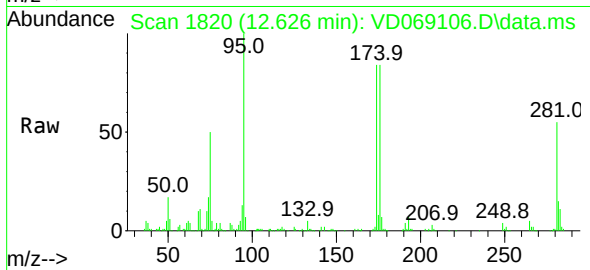




#71
Bromoform
Concen: 1.34 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

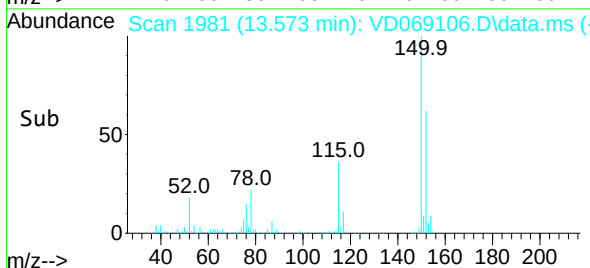
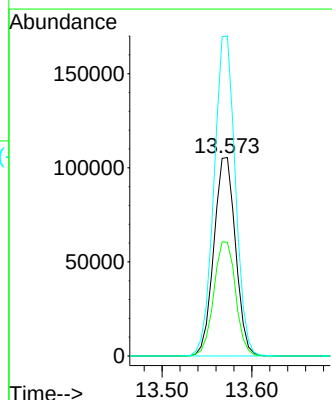
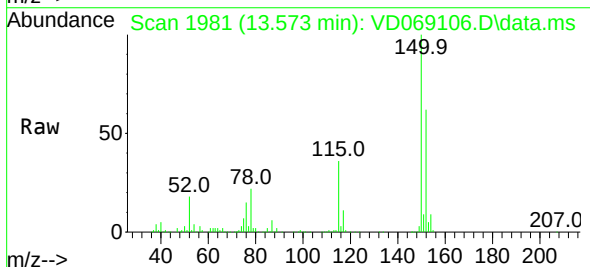
Instrument :
MSVOA_D
ClientSampleId :
EME-17

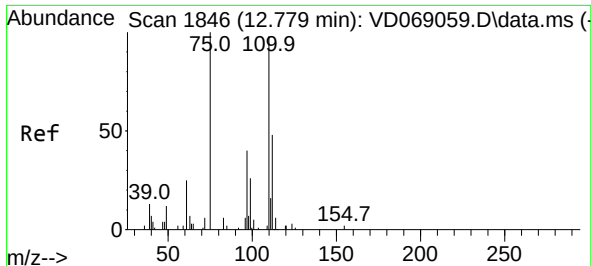
Tgt Ion:173 Resp: 2098
Ion Ratio Lower Upper
173 100
175 423.1 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Tgt Ion:152 Resp: 176690
Ion Ratio Lower Upper
152 100
115 58.0 30.5 91.5
150 159.0 0.0 340.8

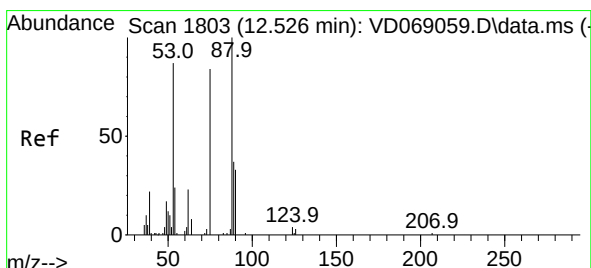
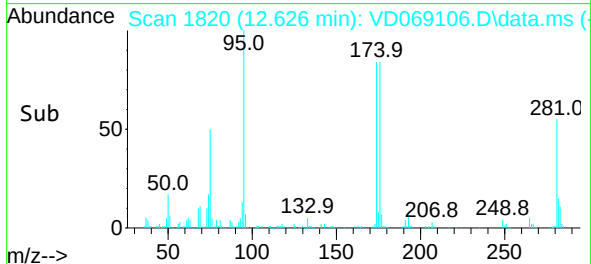
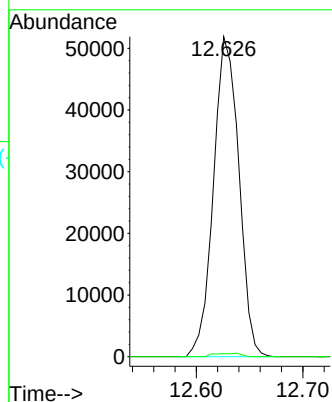
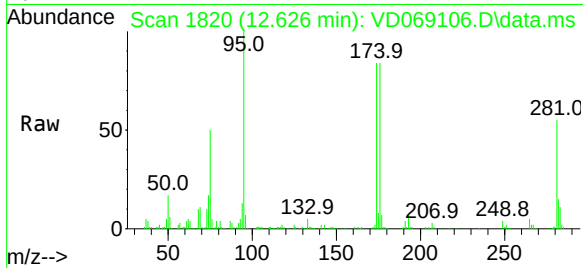




#76
1,2,3-Trichloropropane
Concen: 55.75 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

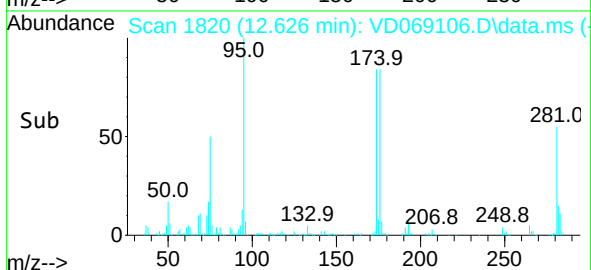
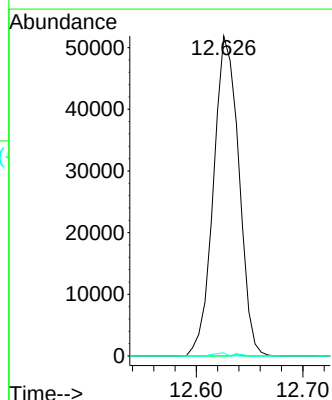
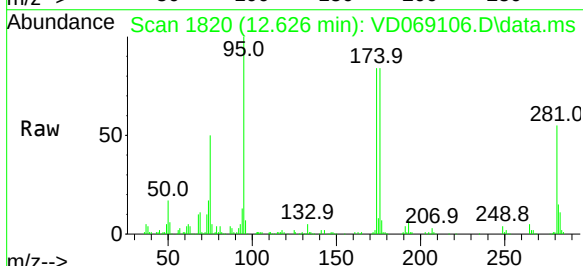
Instrument :
MSVOA_D
ClientSampled :
EME-17

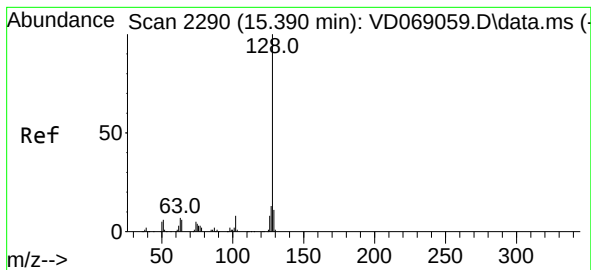
Tgt Ion: 75 Resp: 85745
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.30 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

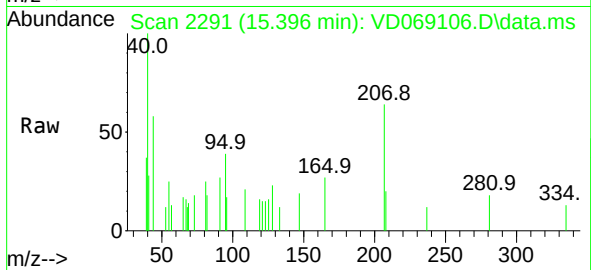
Tgt Ion: 75 Resp: 85745
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.5 37.8 56.8#





#95
Naphthalene
Concen: 2.91 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069106.D
Acq: 07 May 2021 16:52

Instrument :
MSVOA_D
ClientSampleId :
EME-17



Tgt Ion:128 Resp: 500
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.5 12.7#

