

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069982.D
 Acq On : 04 Aug 2021 13:22
 Operator : VA/SY
 Sample : M3276-03
 Misc : 6.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PRE-MAEC-02

Quant Time: Aug 05 03:10:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

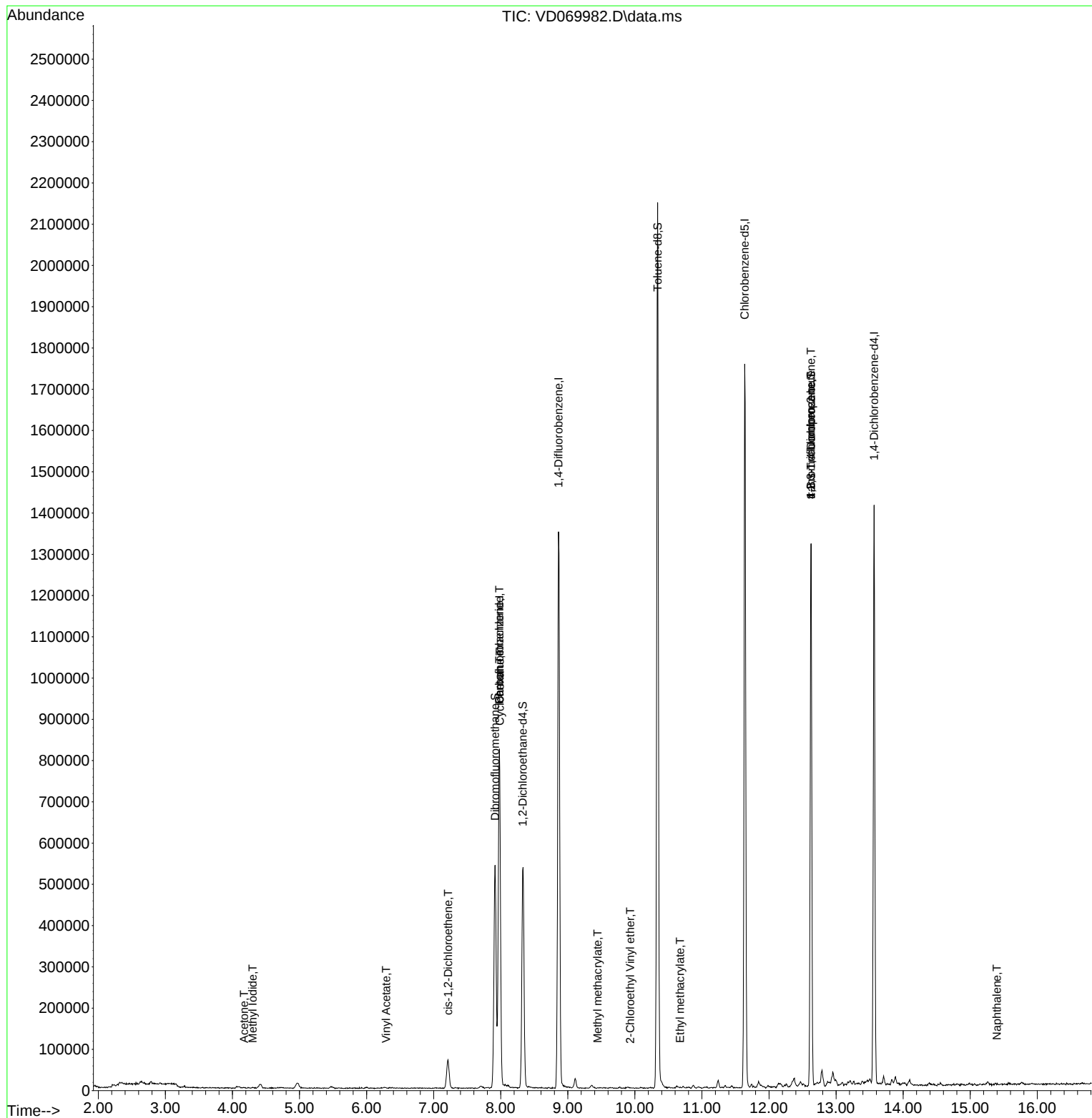
Internal Standards						
1) Pentafluorobenzene	7.979	168	583984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1173000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1022759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	363408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	427975	63.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.440%			
35) Dibromofluoromethane	7.914	113	397538	53.761	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.520%			
50) Toluene-d8	10.338	98	1470421	51.570	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.626	95	423498	44.442	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.880%			
Target Compounds			Qvalue			
5) Bromomethane	2.779	94	3847	Below Cal #		67
10) Methyl Iodide	4.303	142	2295	3.757 ug/l #		77
16) Acetone	4.173	43	2378	1.960 ug/l #		74
20) Methylene Chloride	4.973	84	11251	Below Cal #		84
23) Vinyl Acetate	6.291	43	58	20.354 ug/l #		71
27) cis-1,2-Dichloroethene	7.214	96	40667	4.841 ug/l		92
31) Cyclohexane	7.985	56	14937	1.138 ug/l #		1
38) Carbon Tetrachloride	7.979	117	64267	5.558 ug/l #		18
48) Methyl methacrylate	9.444	41	67	2.761 ug/l #		13
56) Ethyl methacrylate	10.673	69	342	3.934 ug/l #		76
58) 2-Chloroethyl Vinyl ether	9.932	63	177	20.915 ug/l #		48
76) 1,2,3-Trichloropropane	12.626	75	205106	53.098 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	205106	161.086 ug/l #		16
95) Naphthalene	15.396	128	1788	5.134 ug/l #		84

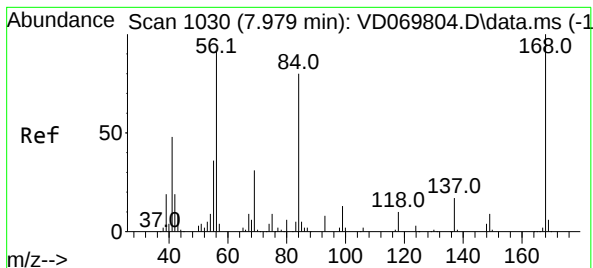
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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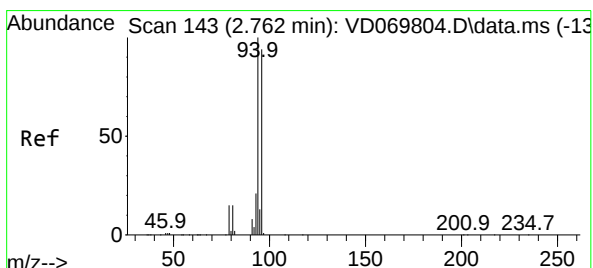
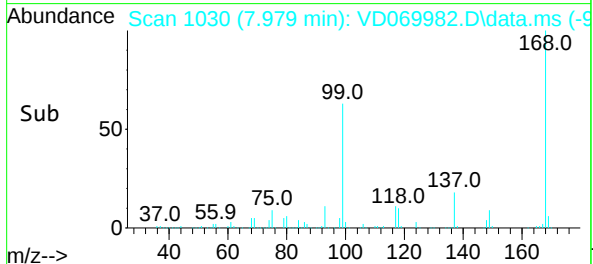
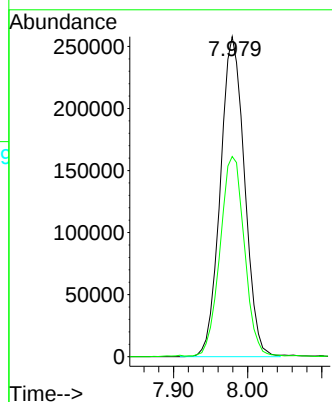
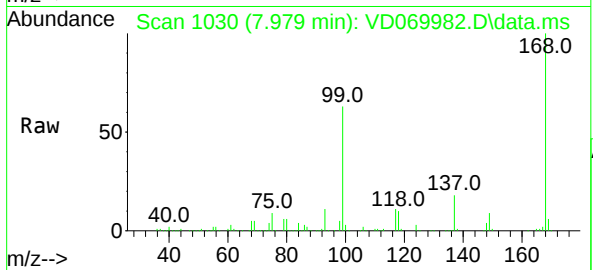




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

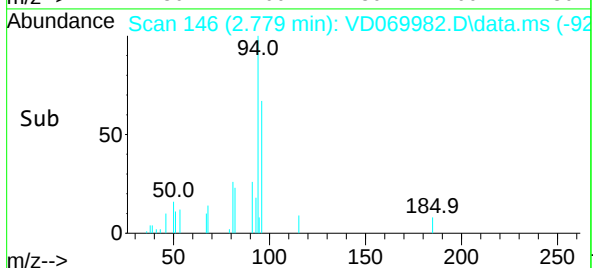
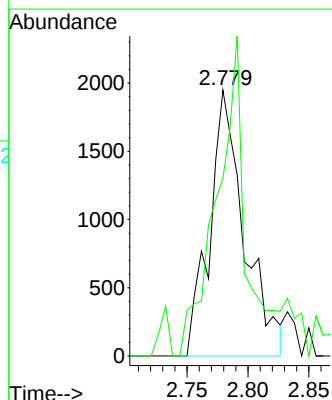
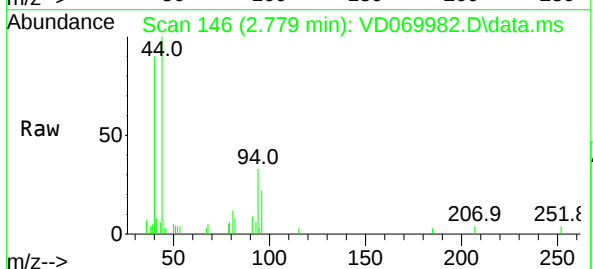
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

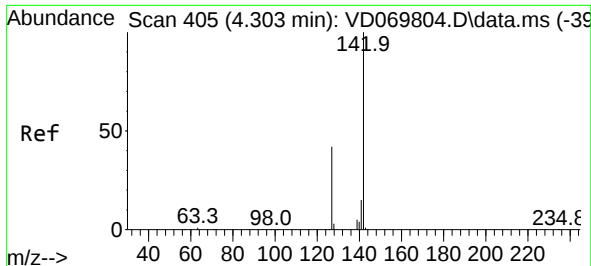
Tgt Ion:168 Resp: 583984
Ion Ratio Lower Upper
168 100
99 62.1 51.1 76.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion: 94 Resp: 3847
Ion Ratio Lower Upper
94 100
96 62.0 74.8 112.2#

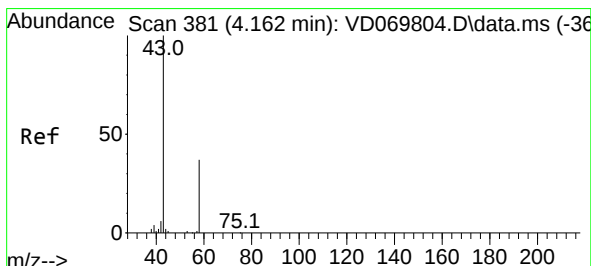
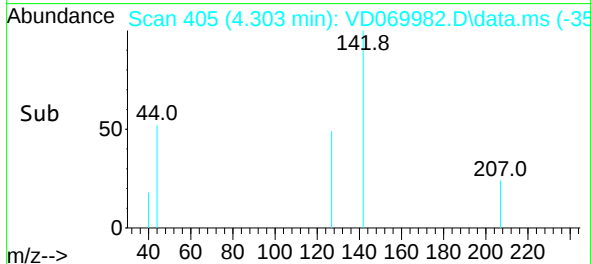
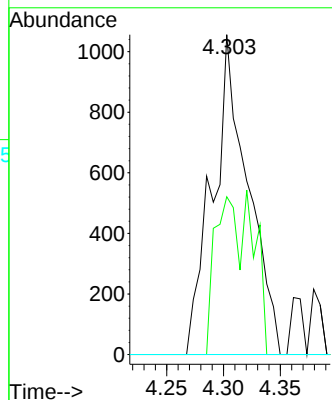
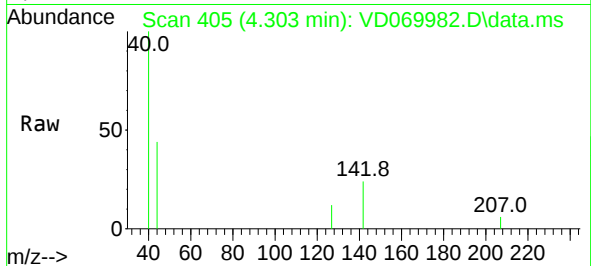




#10
Methyl Iodide
Concen: 3.757 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

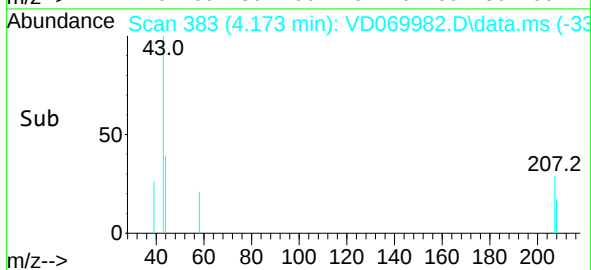
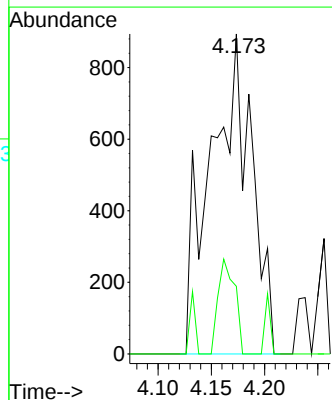
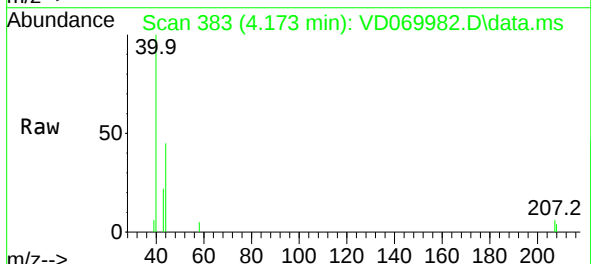
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

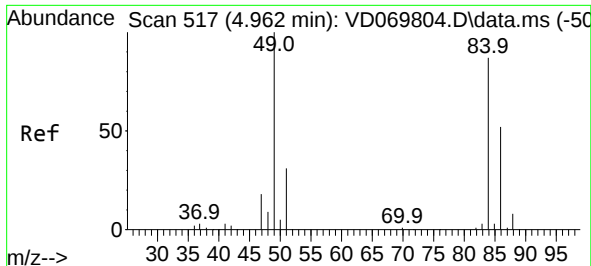
Tgt Ion:142 Resp: 2295
Ion Ratio Lower Upper
142 100
127 32.8 35.7 53.5#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 1.960 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

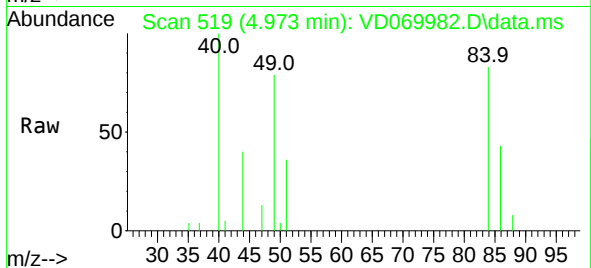
Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 21.1 29.4 44.0#



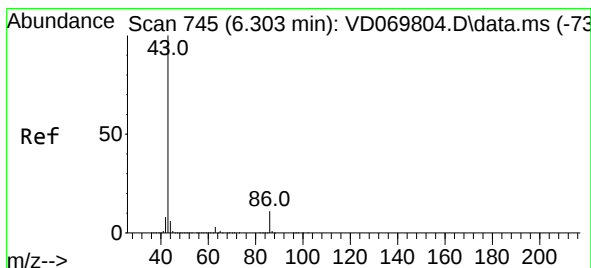
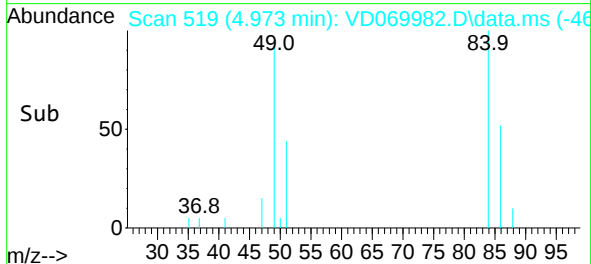
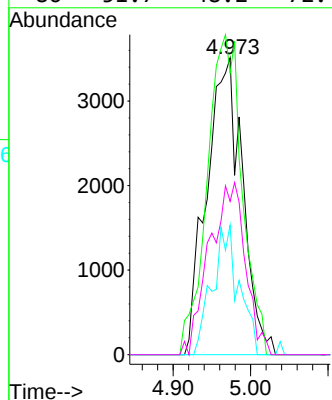


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

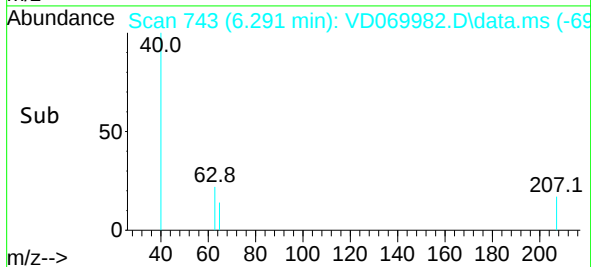
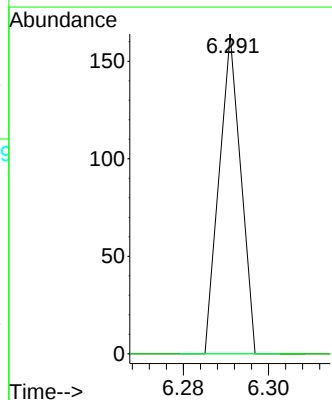
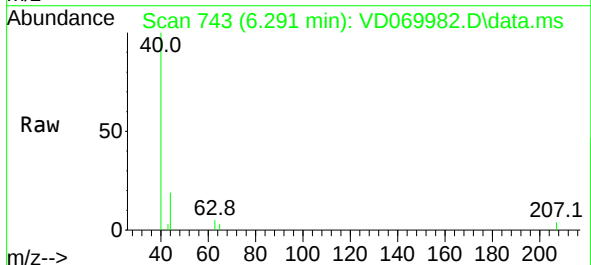


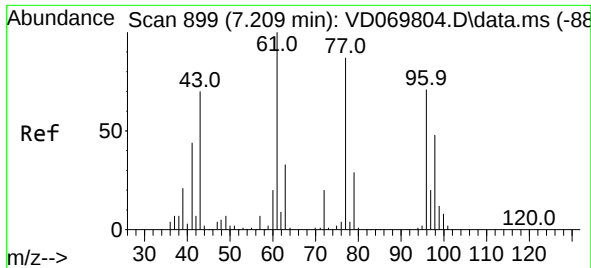
Tgt Ion:	84	Resp:	11251
Ion	Ratio	Lower	Upper
84	100		
49	95.0	92.4	138.6
51	43.7	28.5	42.7#
86	51.7	48.2	72.4



#23
Vinyl Acetate
Concen: 20.354 ug/l
RT: 6.291 min Scan# 743
Delta R.T. -0.012 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion:	43	Resp:	58
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#

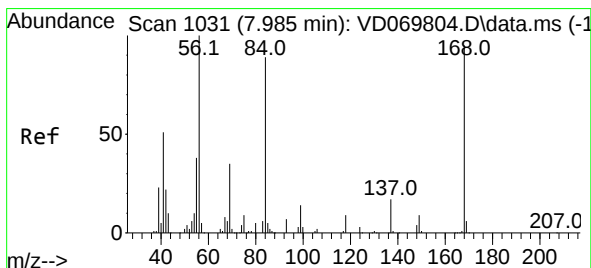
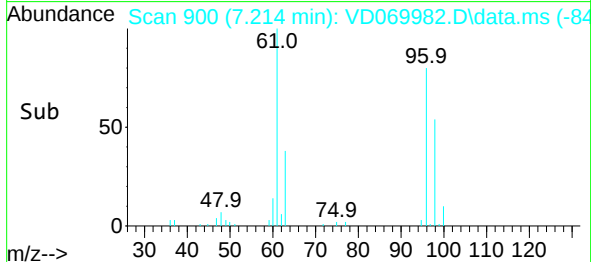
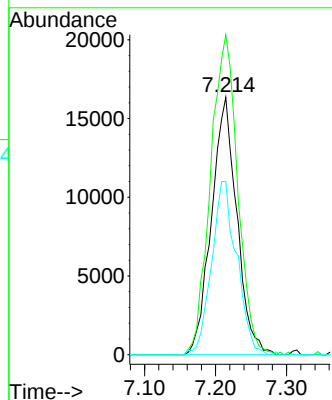
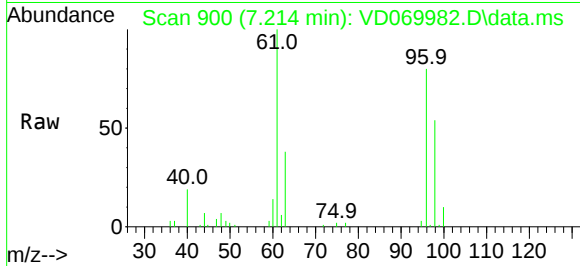




#27
cis-1,2-Dichloroethene
Concen: 4.841 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

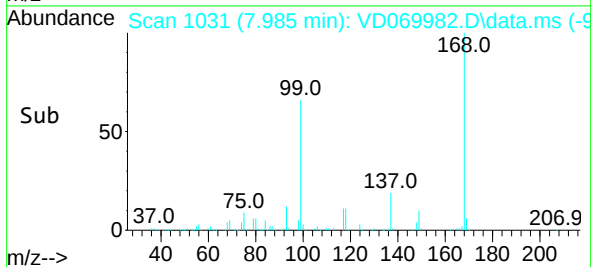
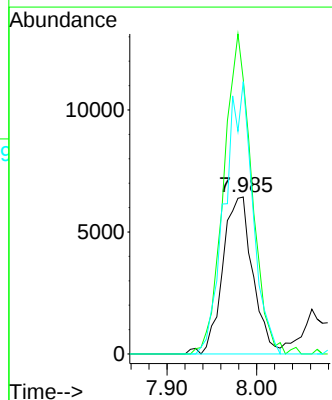
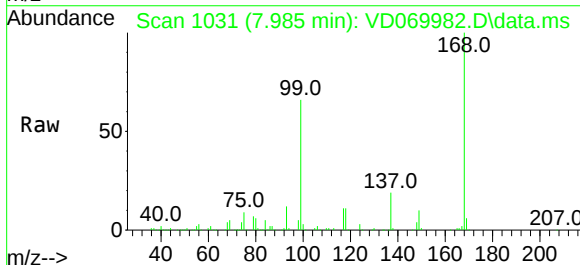
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

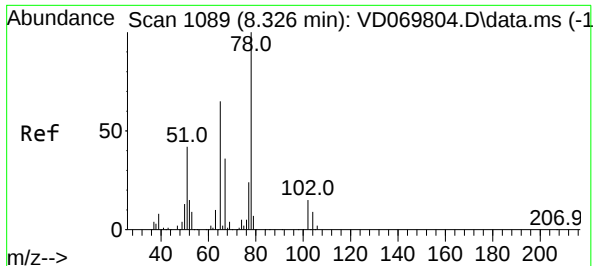
Tgt Ion:	96	Resp:	40667
Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	291.6
98	66.5	0.0	132.0



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion:	56	Resp:	14937
Ion	Ratio	Lower	Upper
56	100		
69	175.0	27.9	41.9#
84	173.4	71.4	107.2#

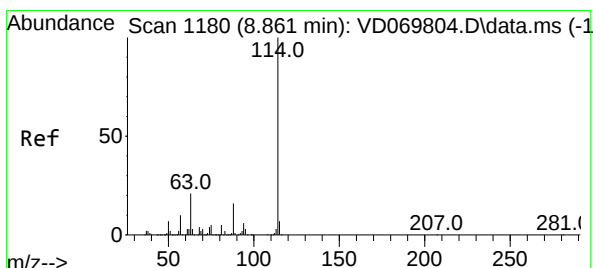
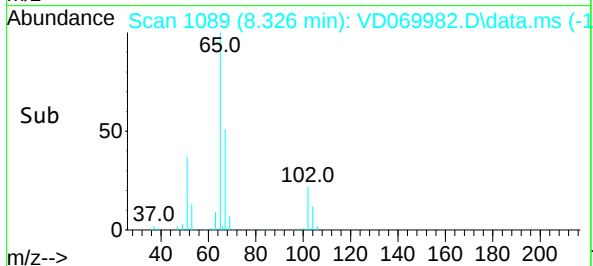
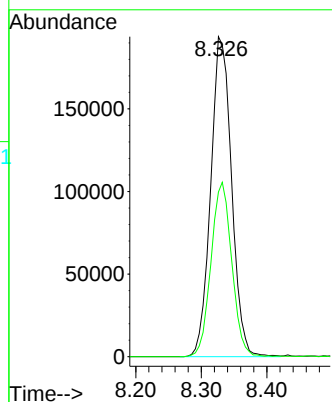
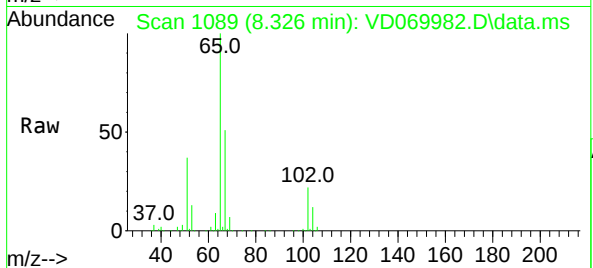




#33
1,2-Dichloroethane-d4
Concen: 63.721 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

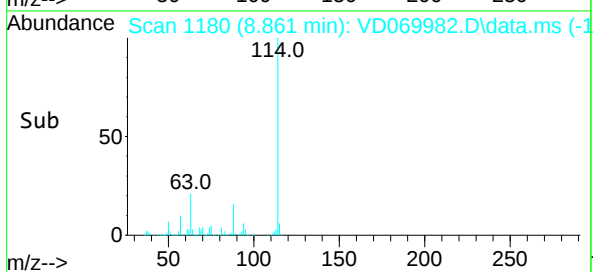
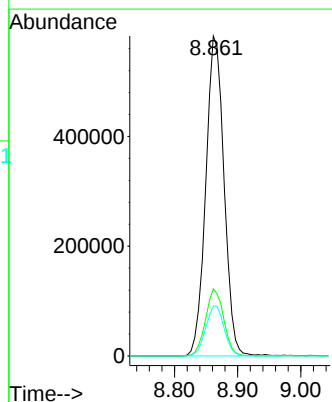
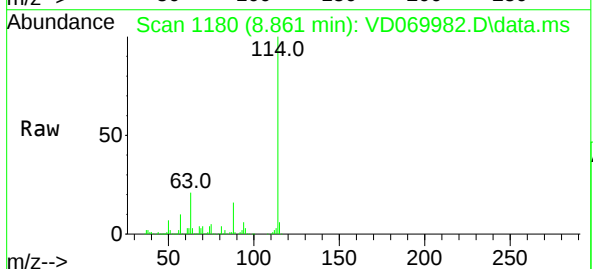
Instrument :
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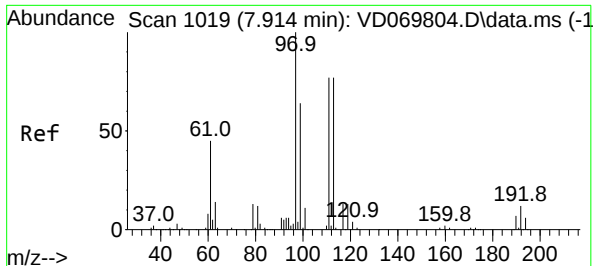
Tgt Ion: 65 Resp: 427975
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion: 114 Resp: 1173000
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.6
88 15.7 0.0 31.4



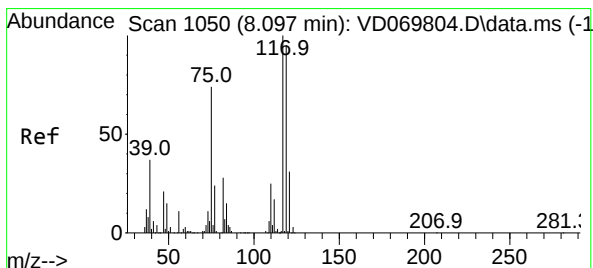
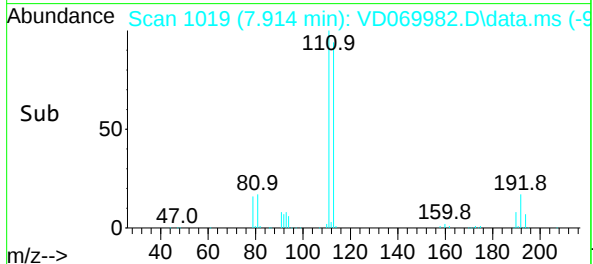
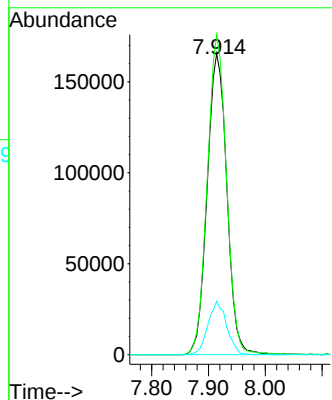
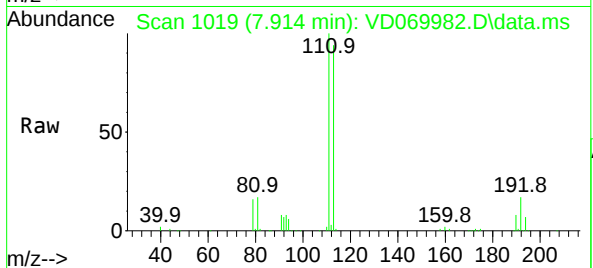


#35

Dibromofluoromethane
Concen: 53.761 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

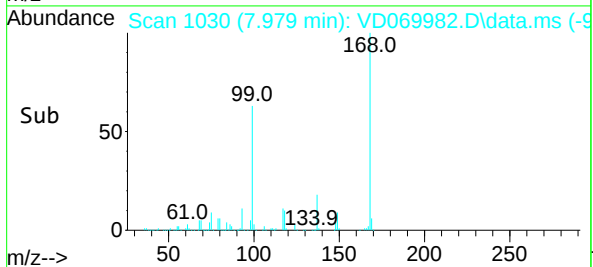
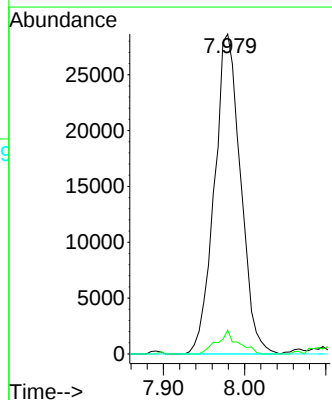
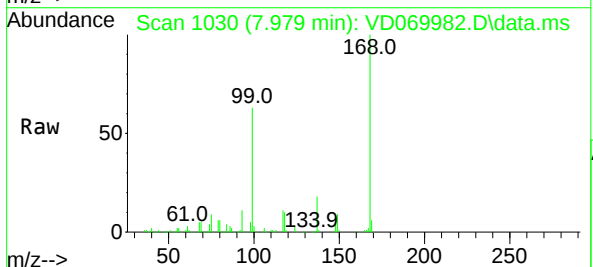
Tgt Ion:113 Resp: 397538
Ion Ratio Lower Upper
113 100
111 103.9 80.5 120.7
192 16.8 12.6 19.0



#38

Carbon Tetrachloride
Concen: 5.558 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion:117 Resp: 64267
Ion Ratio Lower Upper
117 100
119 7.4 76.2 114.2#
121 0.0 24.5 36.7#

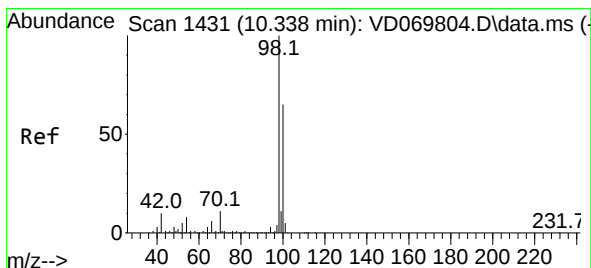
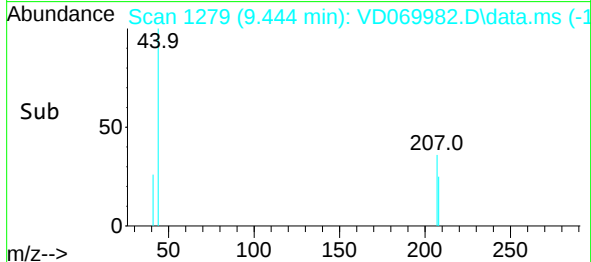
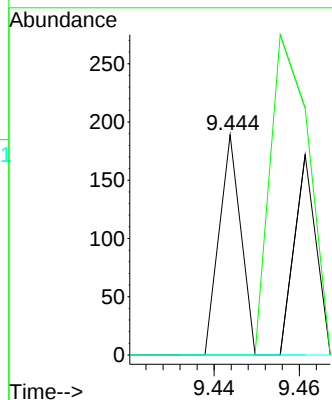
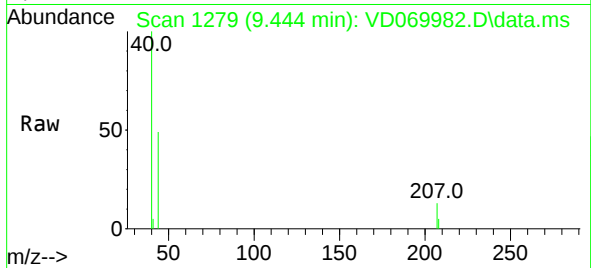




#48
Methyl methacrylate
Concen: 2.761 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

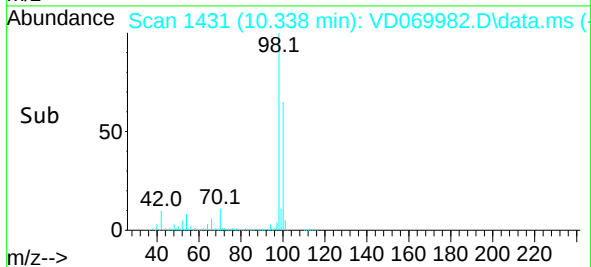
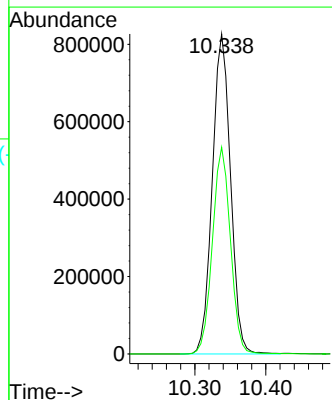
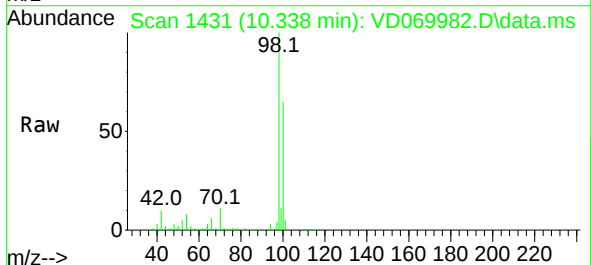
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

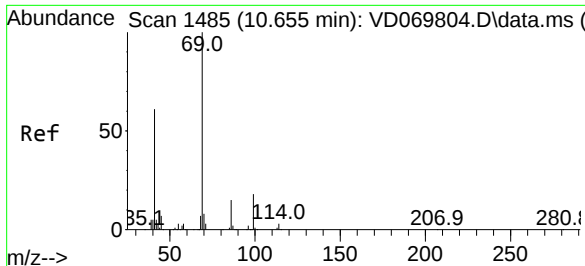
Tgt Ion: 41 Resp: 67
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 51.570 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion: 98 Resp: 1470421
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

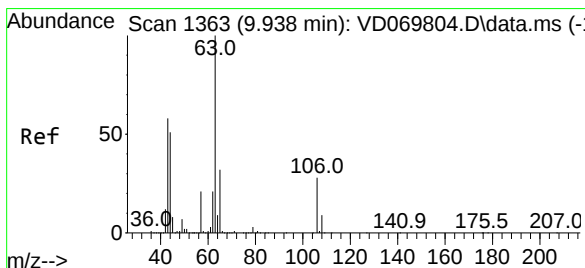
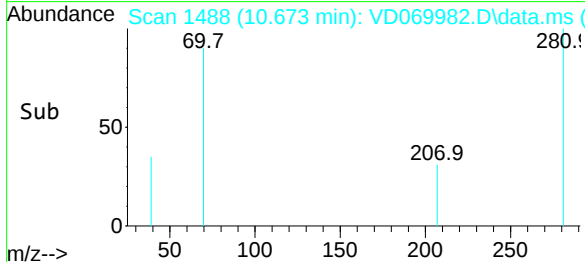
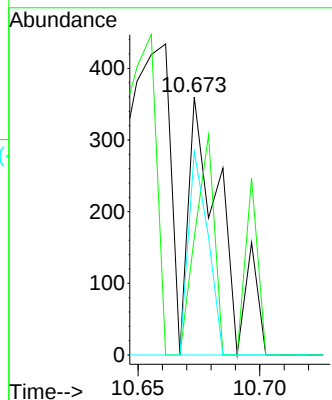
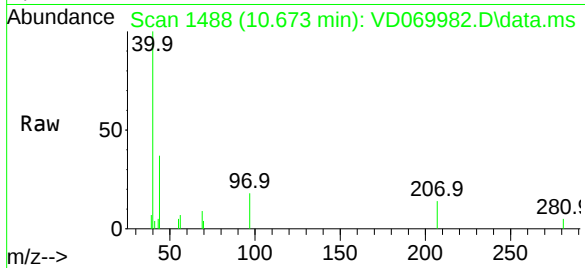




#56
Ethyl methacrylate
Concen: 3.934 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

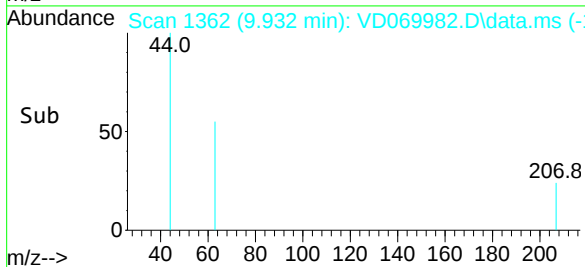
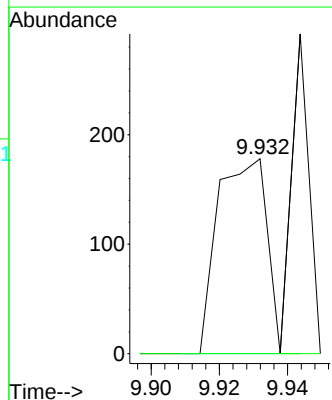
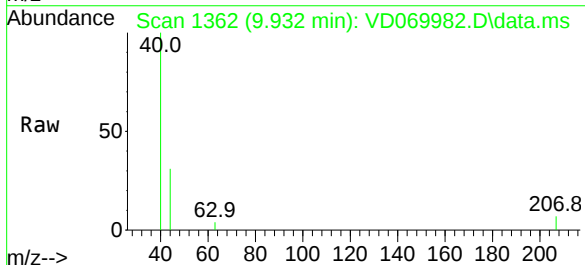
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

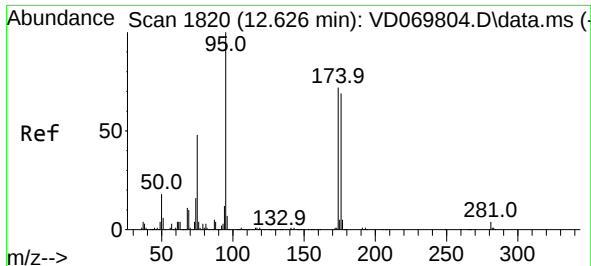
Tgt Ion: 69 Resp: 342
Ion Ratio Lower Upper
69 100
41 48.5 50.2 75.2#
39 46.2 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: 20.915 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion: 63 Resp: 177
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#

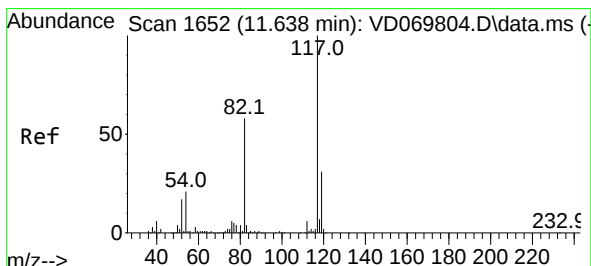
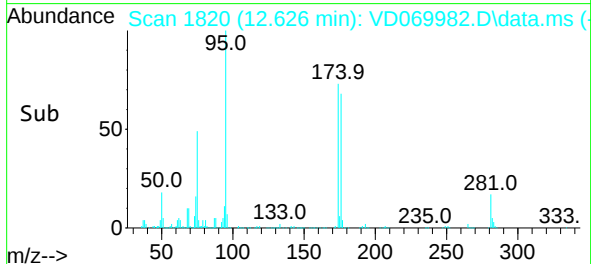
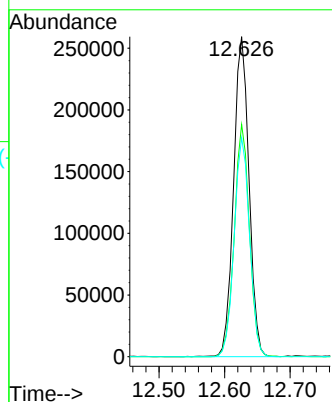
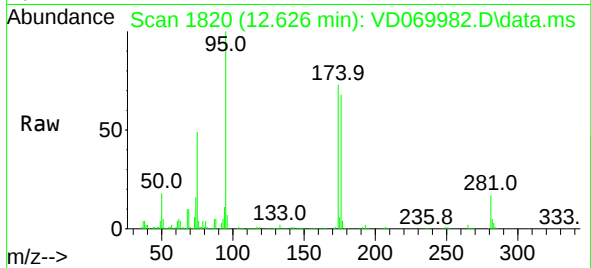




#62
4-Bromofluorobenzene
Concen: 44.442 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

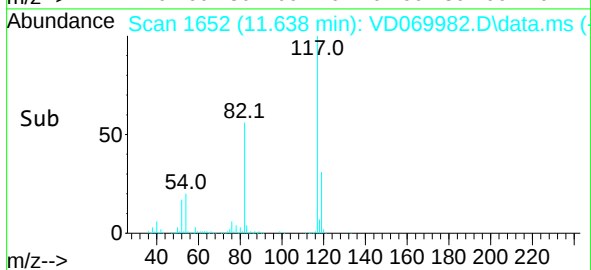
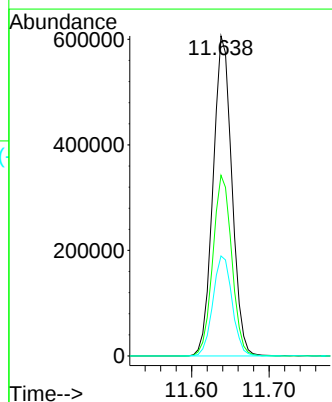
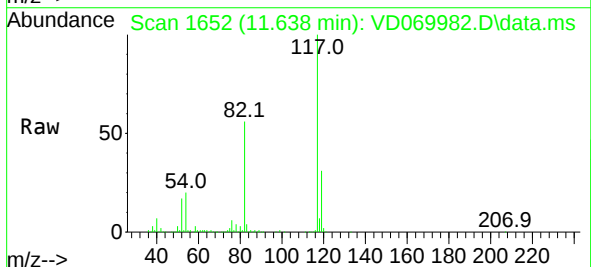
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

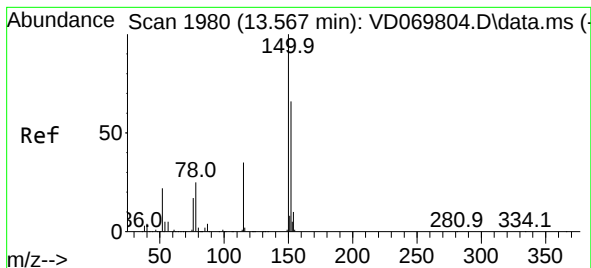
Tgt Ion: 95 Resp: 423498
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.6
176 68.6 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion: 117 Resp: 1022759
Ion Ratio Lower Upper
117 100
82 56.5 46.3 69.5
119 31.2 24.7 37.1

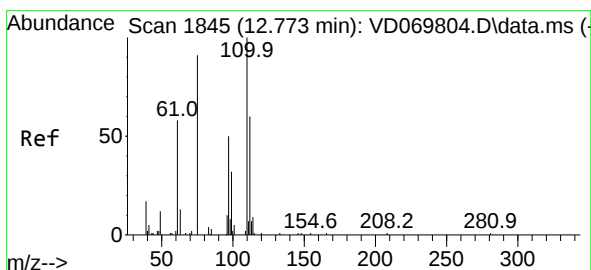
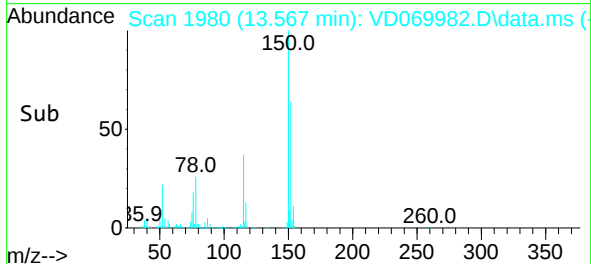
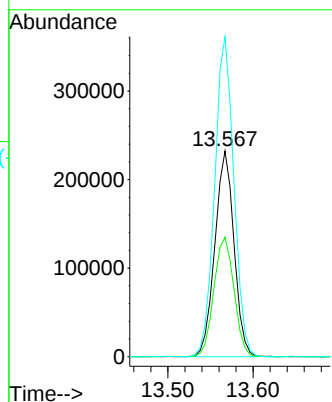
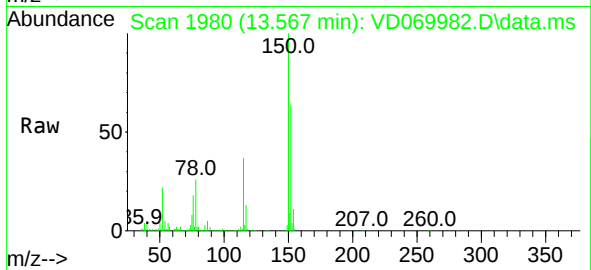




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

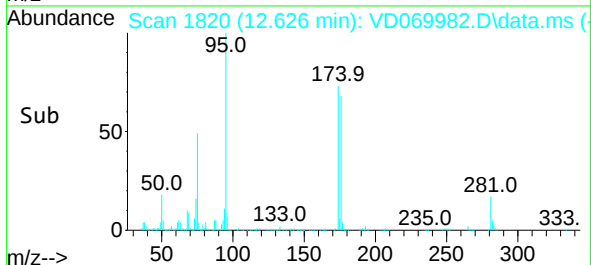
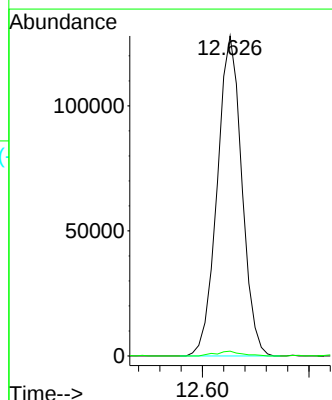
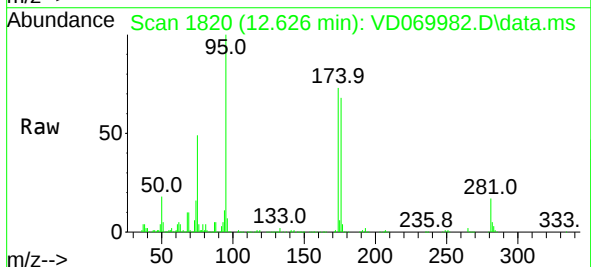
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

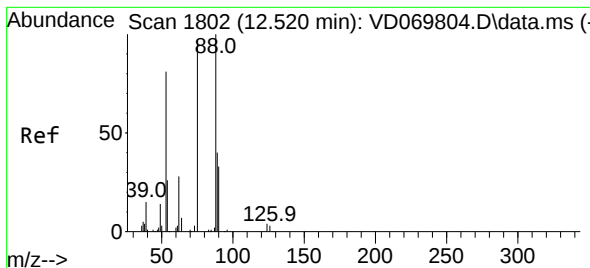
Tgt Ion:152 Resp: 363408
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.3
150 156.0 0.0 343.0



#76
1,2,3-Trichloropropane
Concen: 53.098 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion: 75 Resp: 205106
Ion Ratio Lower Upper
75 100
77 1.6 181.5 544.5#

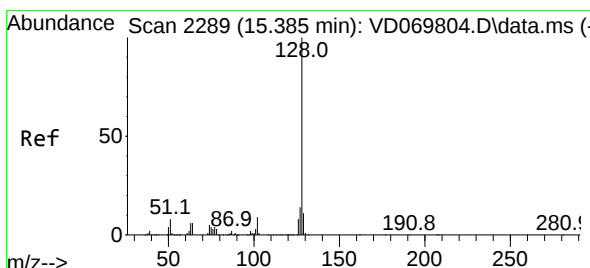
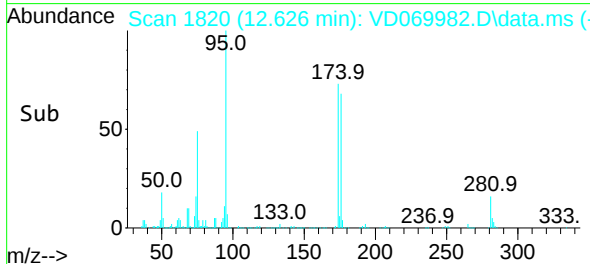
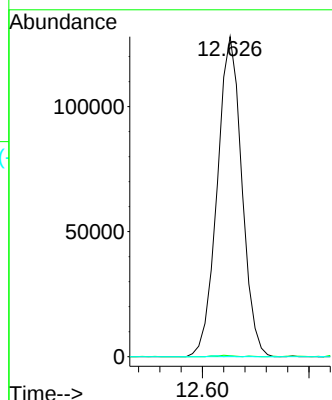
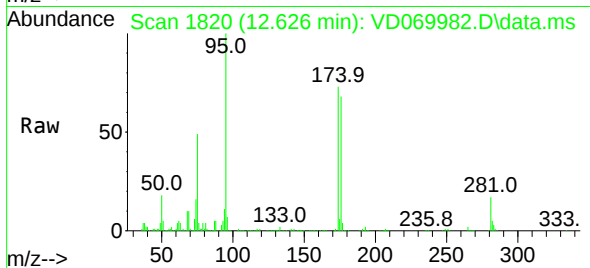




#81
trans-1,4-Dichloro-2-butene
Concen: 161.086 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-02

Tgt Ion: 75 Resp: 205106
Ion Ratio Lower Upper
75 100
53 0.3 67.2 100.8#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 5.134 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.011 min
Lab File: VD069982.D
Acq: 04 Aug 2021 13:22

Tgt Ion: 128 Resp: 1788
Ion Ratio Lower Upper
128 100
127 6.9 10.6 16.0#
129 16.8 8.6 12.8#

