

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069981.D
 Acq On : 04 Aug 2021 12:53
 Operator : VA/SY
 Sample : M3276-01
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PRE-MAEC-01

Quant Time: Aug 05 03:09:56 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)

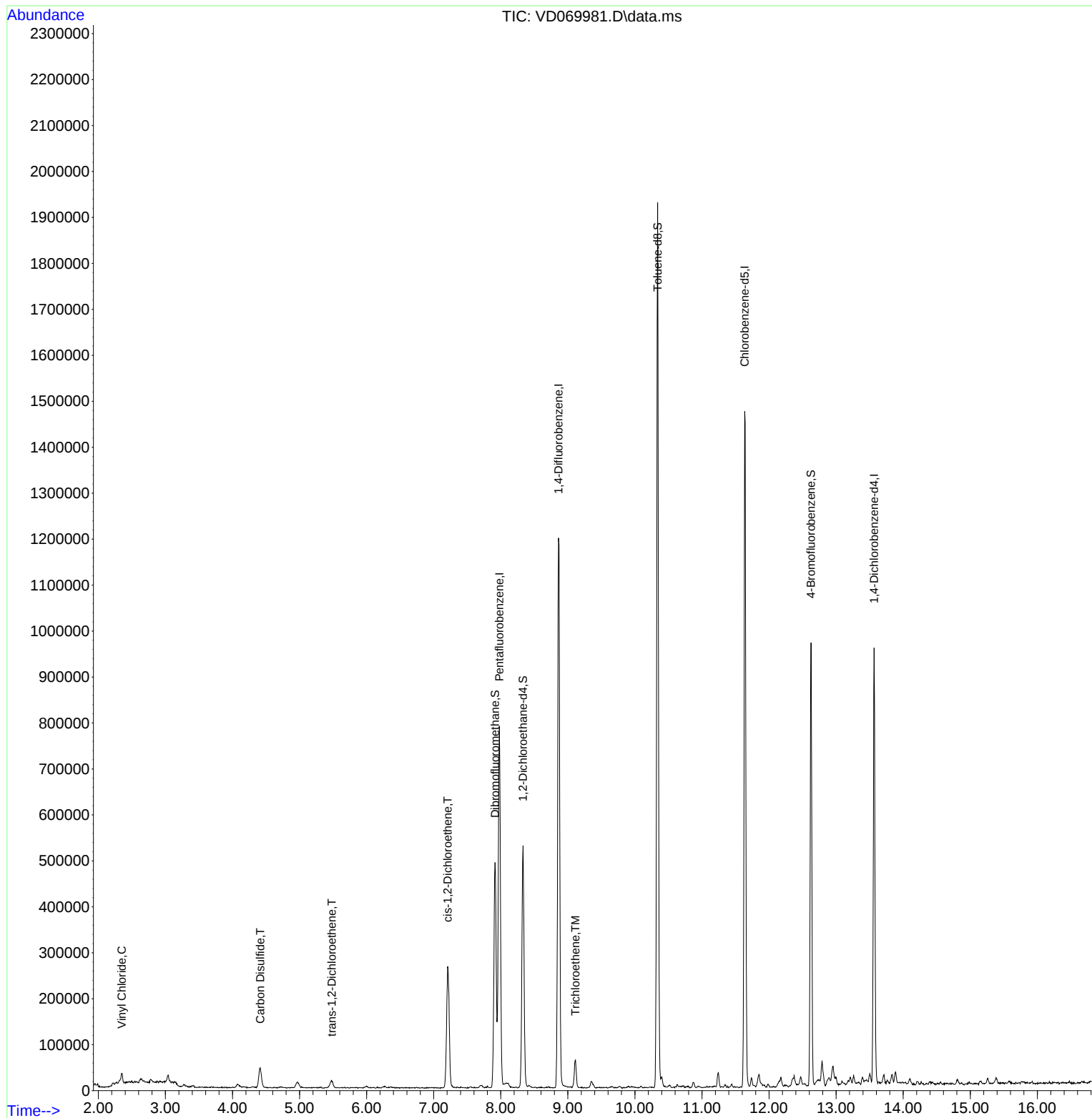
Internal Standards						
1) Pentafluorobenzene	7.979	168	539746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1057285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	870964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	250397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	402244	64.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.600%
35) Dibromofluoromethane	7.914	113	371519	55.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.480%
50) Toluene-d8	10.338	98	1294709	50.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.626	95	324938	37.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.660%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.350	62	17373	2.004	ug/l	96
17) Carbon Disulfide	4.415	76	97863	4.432	ug/l	99
21) trans-1,2-Dichloroethene	5.479	96	9669	1.329	ug/l	90
27) cis-1,2-Dichloroethene	7.208	96	166212	21.406	ug/l	88
44) Trichloroethene	9.114	130	21849	2.684	ug/l	85

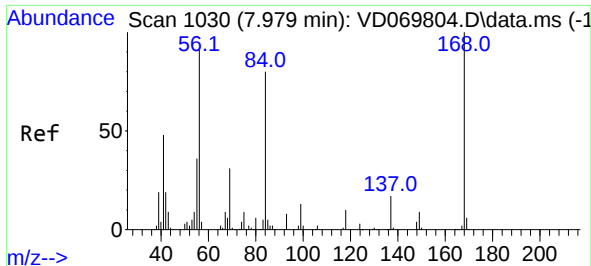
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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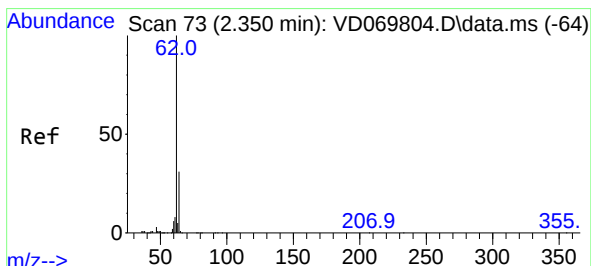
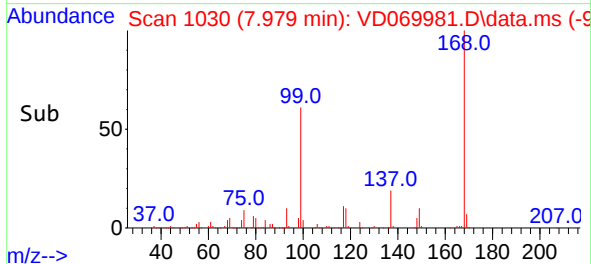
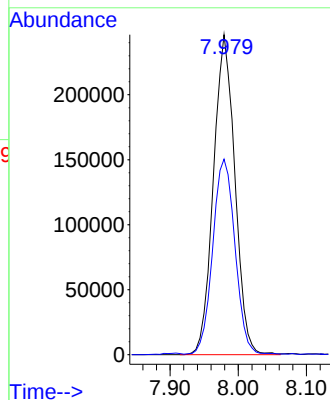
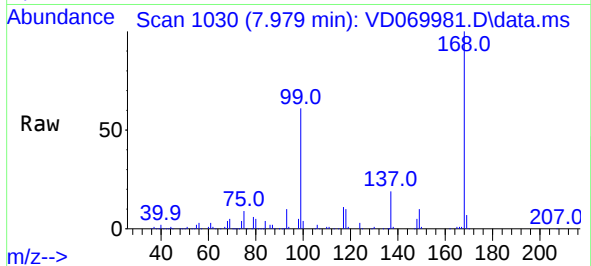




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

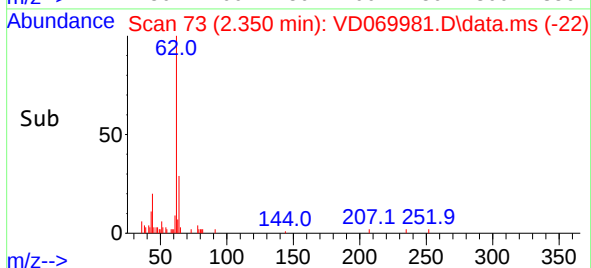
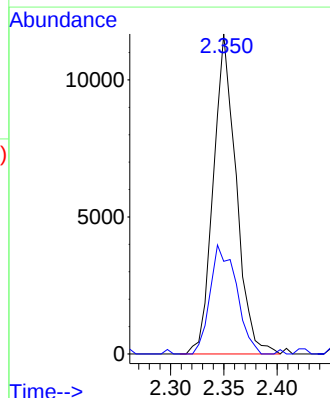
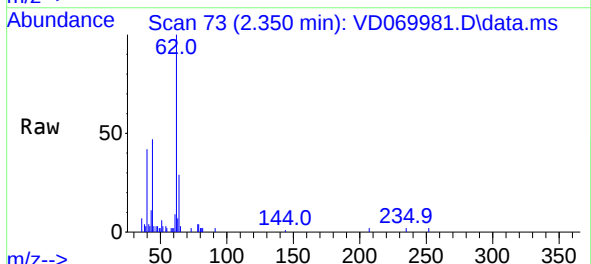
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-01

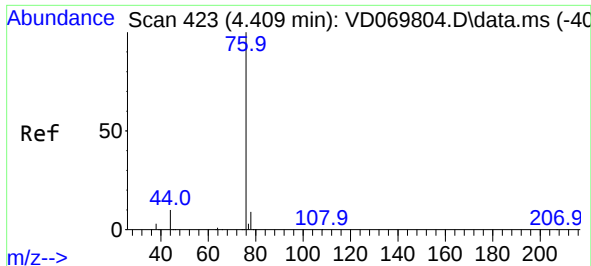
Tgt Ion:168 Resp: 539746
Ion Ratio Lower Upper
168 100
99 60.9 51.1 76.7



#4
Vinyl Chloride
Concen: 2.004 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

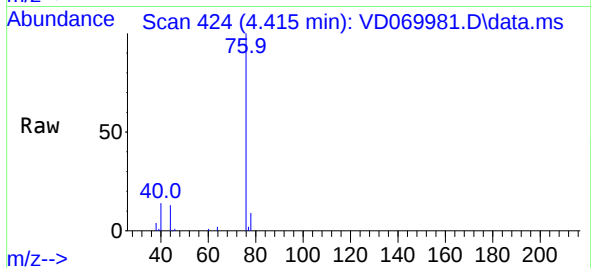
Tgt Ion: 62 Resp: 17373
Ion Ratio Lower Upper
62 100
64 28.9 25.0 37.4



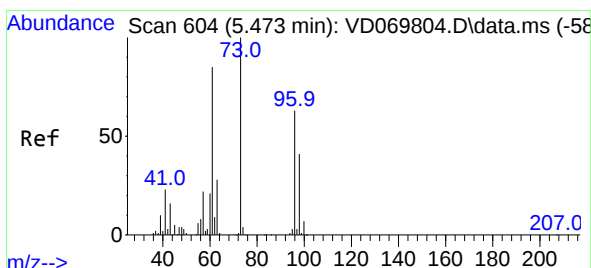
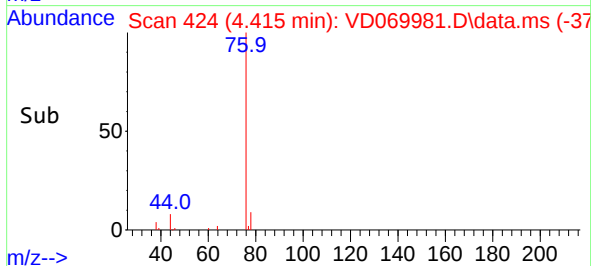
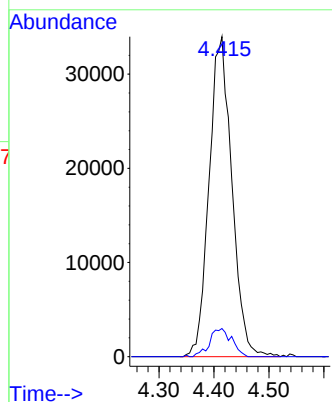


#17
Carbon Disulfide
Concen: 4.432 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-01

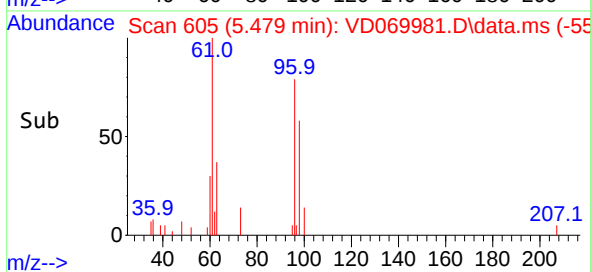
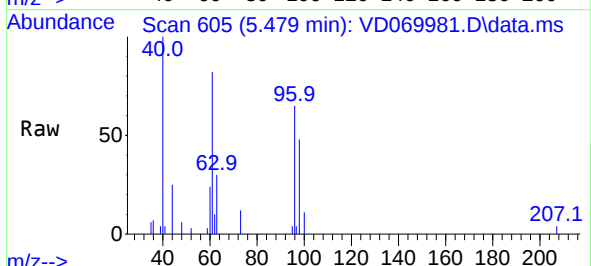
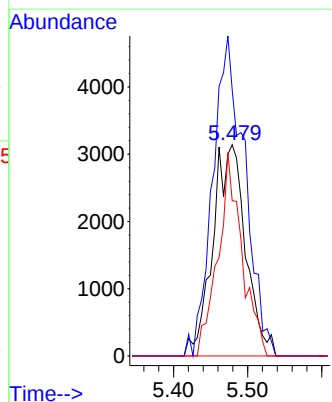


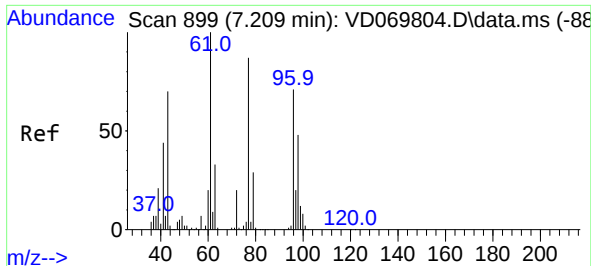
Tgt Ion: 76 Resp: 97863
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#21
trans-1,2-Dichloroethene
Concen: 1.329 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

Tgt Ion: 96 Resp: 9669
Ion Ratio Lower Upper
96 100
61 118.8 107.0 160.6
98 69.2 52.3 78.5



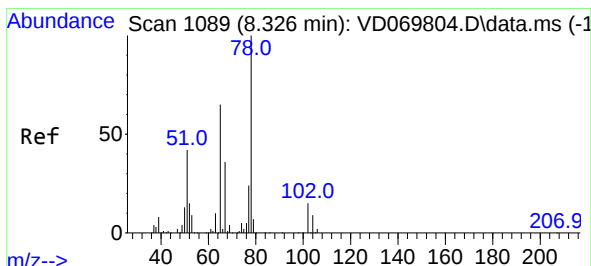
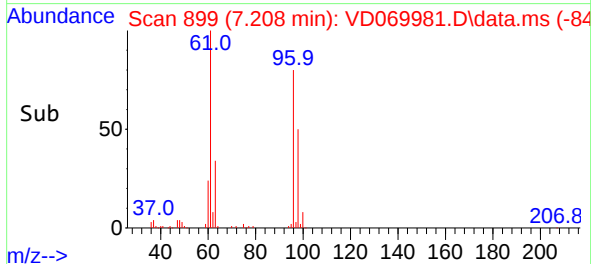
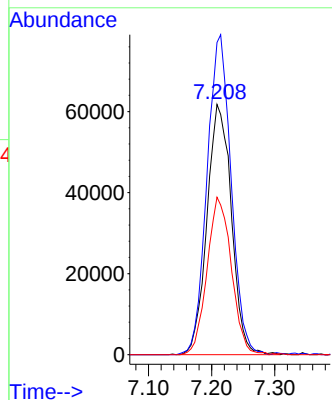
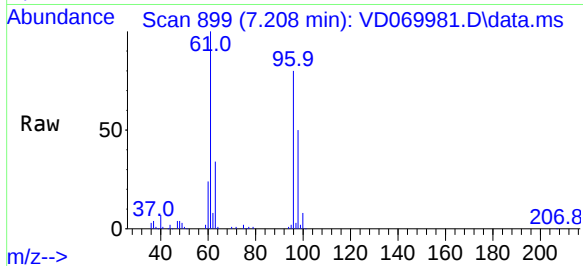


#27
 cis-1,2-Dichloroethene
 Concen: 21.406 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD069981.D
 Acq: 04 Aug 2021 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 PRE-MAEC-01

Tgt Ion: 96 Resp: 166212

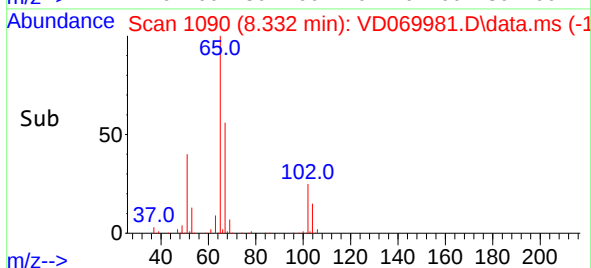
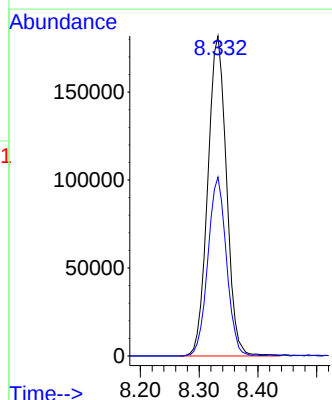
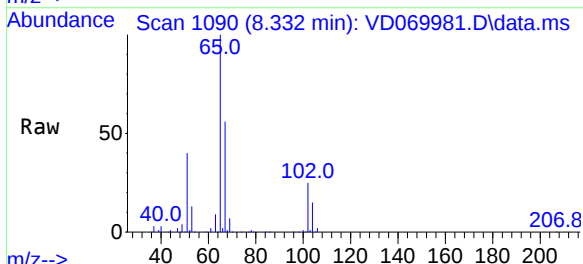
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	291.6
98	62.7	0.0	132.0

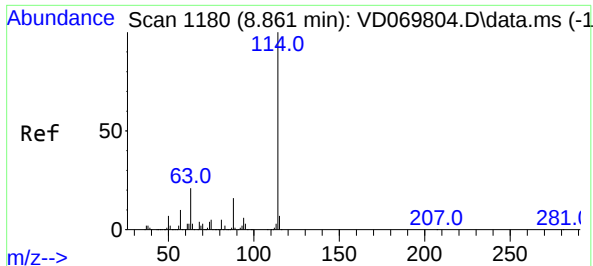


#33
 1,2-Dichloroethane-d4
 Concen: 64.799 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: VD069981.D
 Acq: 04 Aug 2021 12:53

Tgt Ion: 65 Resp: 402244

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.2



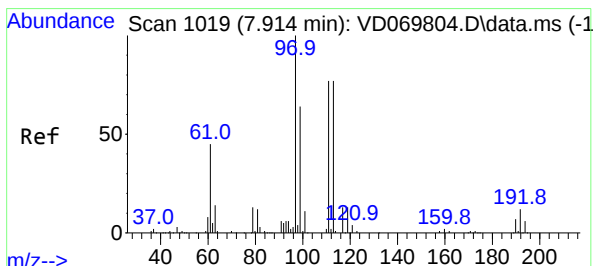
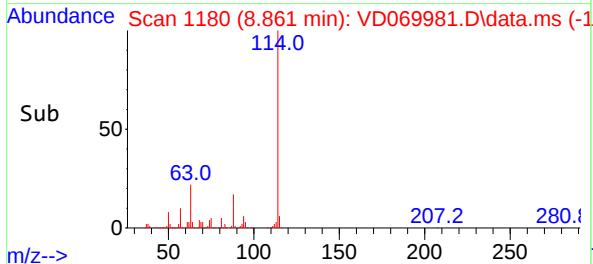
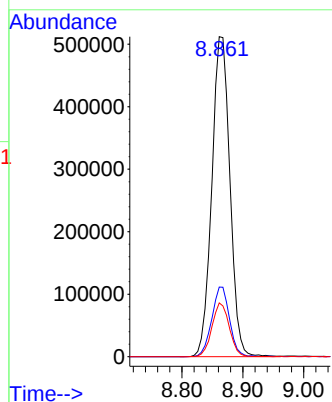
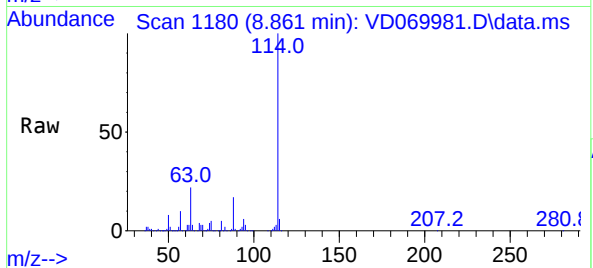


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-01

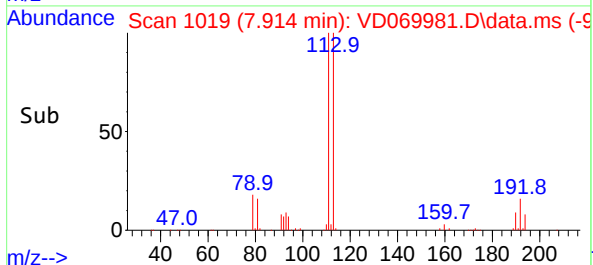
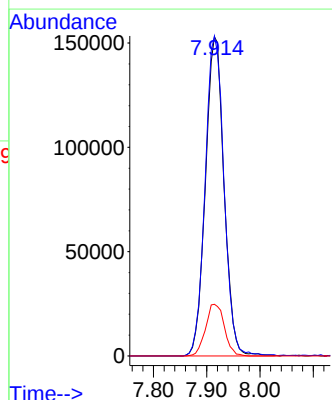
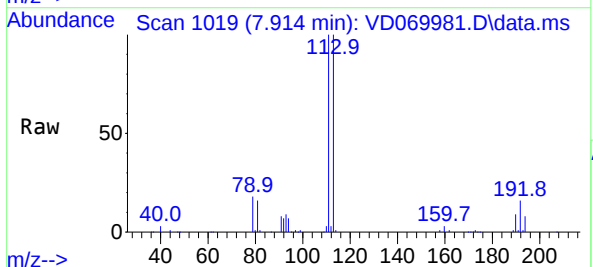
Tgt Ion:114 Resp: 1057285
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.6
88 16.8 0.0 31.4

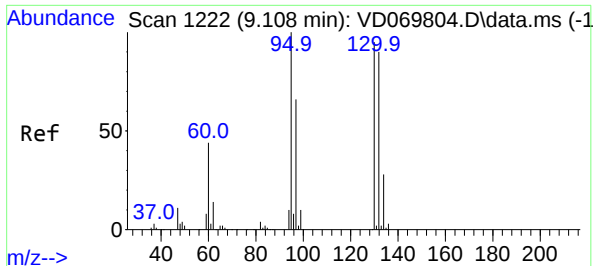


#35

Dibromofluoromethane
Concen: 55.741 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

Tgt Ion:113 Resp: 371519
Ion Ratio Lower Upper
113 100
111 101.7 80.5 120.7
192 16.4 12.6 19.0

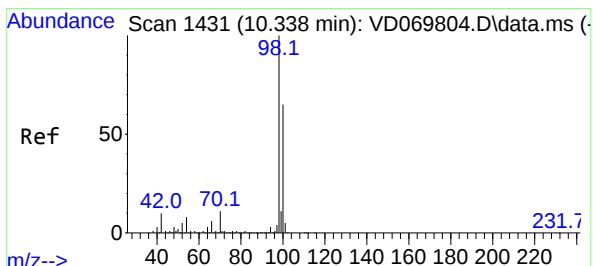
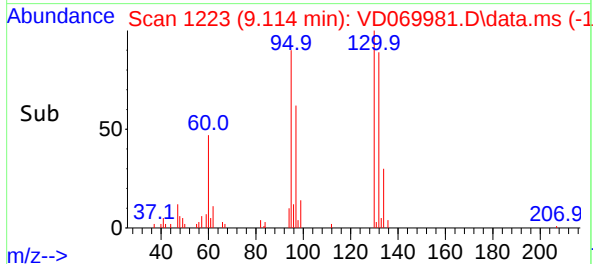
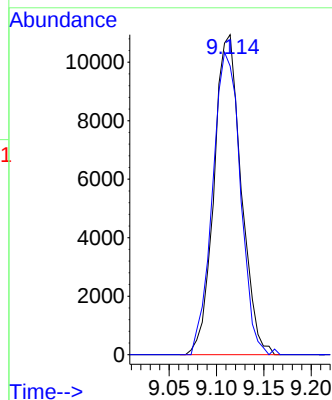
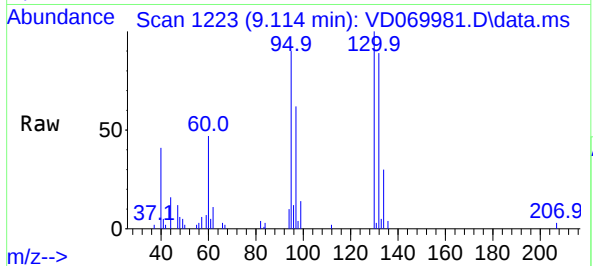




#44
Trichloroethene
Concen: 2.684 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

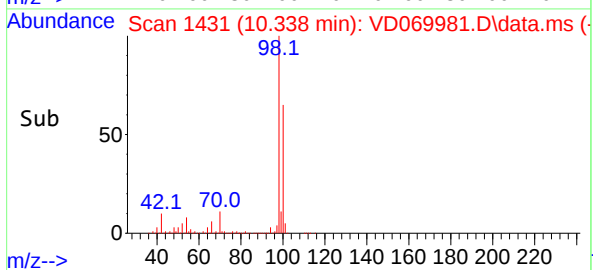
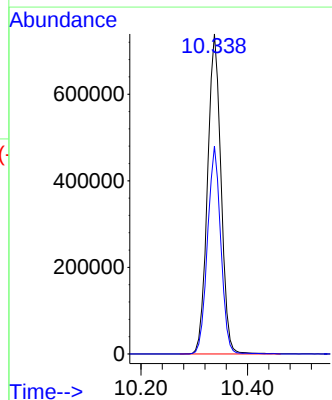
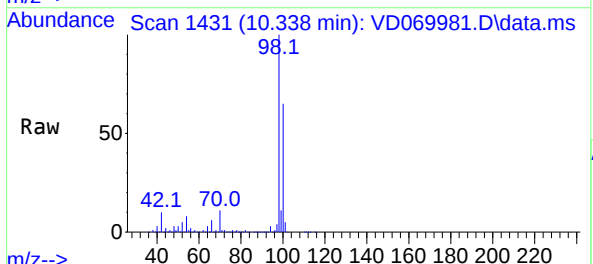
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-01

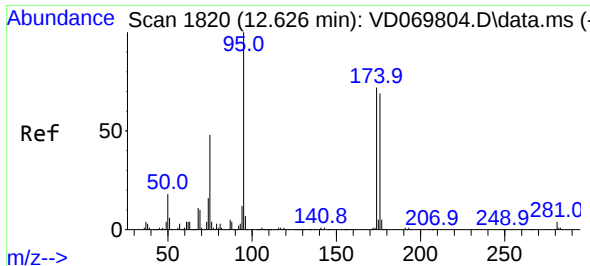
Tgt Ion:130 Resp: 21849
Ion Ratio Lower Upper
130 100
95 90.2 0.0 210.8



#50
Toluene-d8
Concen: 50.377 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

Tgt Ion: 98 Resp: 1294709
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

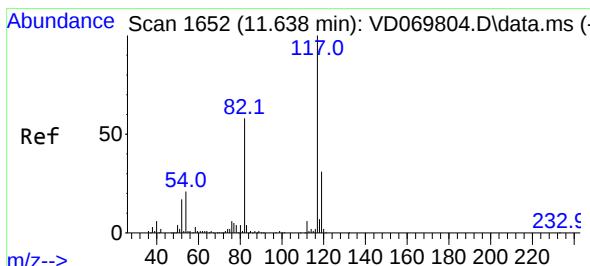
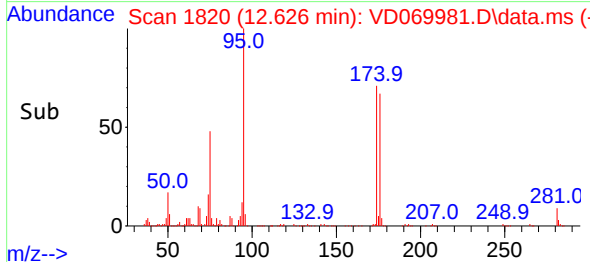
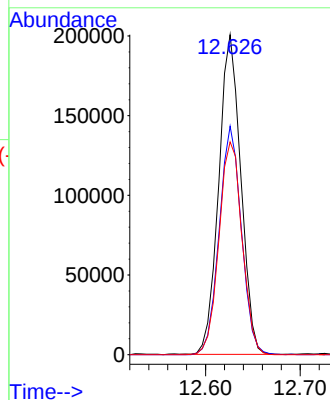
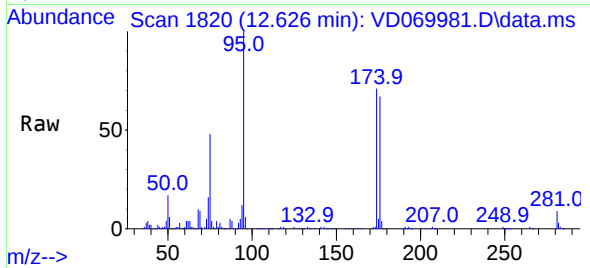




#62
4-Bromofluorobenzene
Concen: 37.831 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

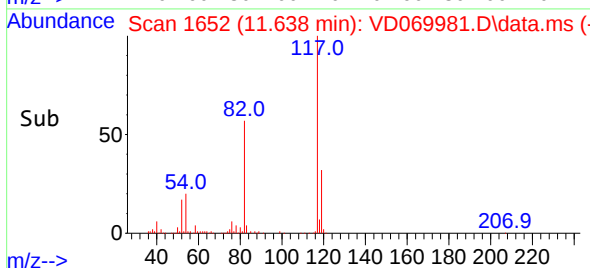
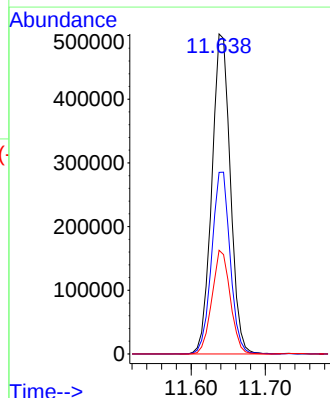
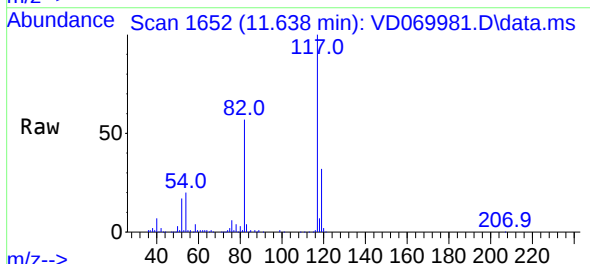
Instrument :
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PRE-MAEC-01

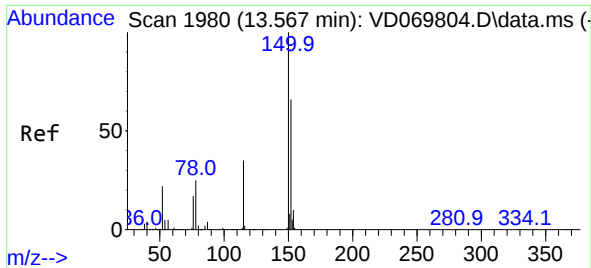
Tgt Ion: 95 Resp: 324938
Ion Ratio Lower Upper
95 100
174 71.8 0.0 142.6
176 69.6 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069981.D
Acq: 04 Aug 2021 12:53

Tgt Ion: 117 Resp: 870964
Ion Ratio Lower Upper
117 100
82 56.7 46.3 69.5
119 32.4 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: VD069981.D
 Acq: 04 Aug 2021 12:53

Instrument :
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 PRE-MAEC-01

Tgt Ion:	152	Resp:	250397
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.1	93.3
150	158.9	0.0	343.0

