

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069985.D
 Acq On : 04 Aug 2021 14:47
 Operator : VA/SY
 Sample : M3276-01
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PRE-MAEC-01

Quant Time: Aug 05 03:11:02 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)

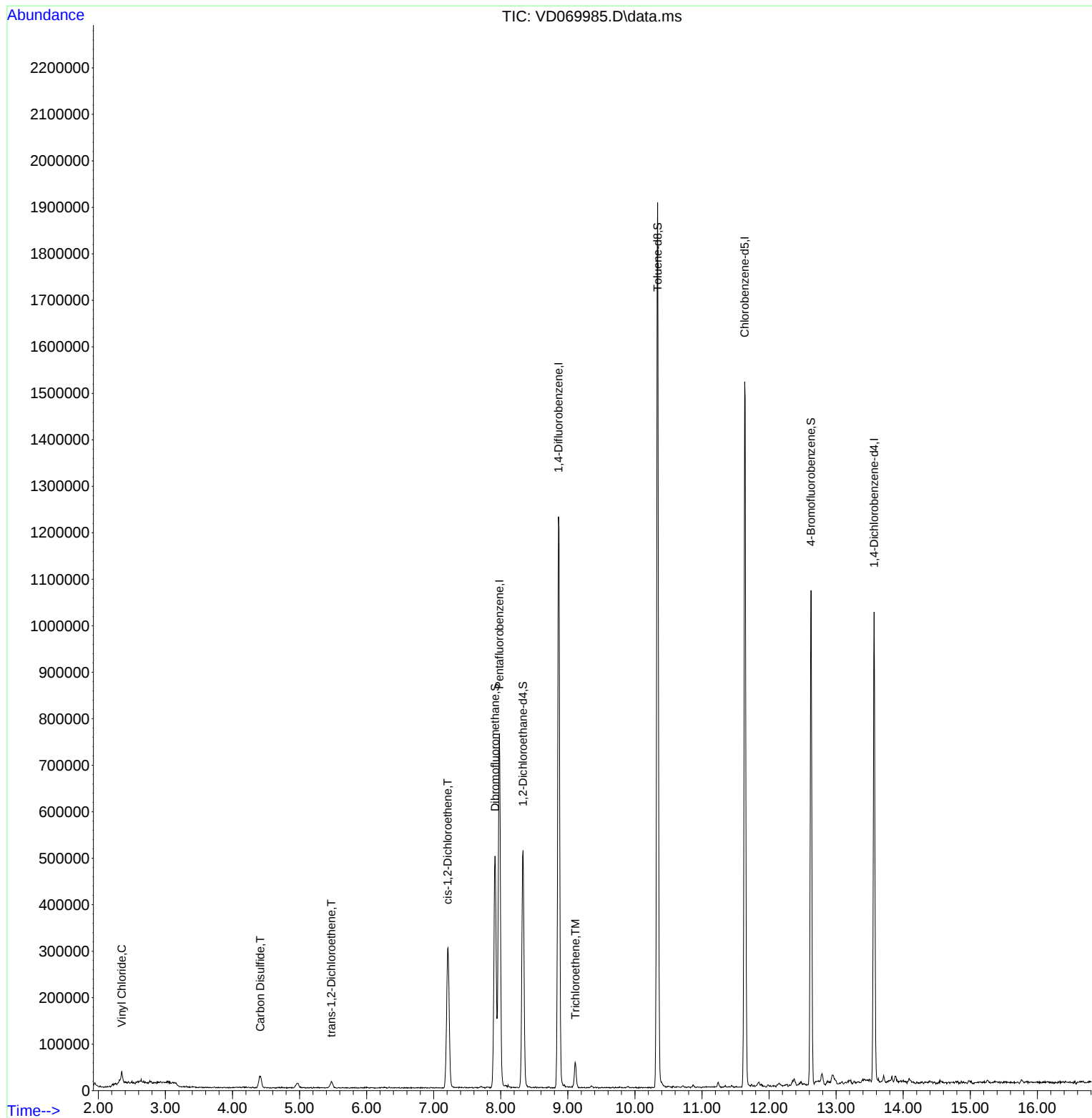
Internal Standards						
1) Pentafluorobenzene	7.979	168	547718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1065605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	893892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	263895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	406795	64.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.160%
35) Dibromofluoromethane	7.914	113	374962	55.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.338	98	1314428	50.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.626	95	343423	39.671	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.340%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.350	62	20225	2.299	ug/l	92
17) Carbon Disulfide	4.414	76	58601	2.615	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	7869	1.066	ug/l #	77
27) cis-1,2-Dichloroethene	7.208	96	191597	24.316	ug/l	88
44) Trichloroethene	9.114	130	19045	2.321	ug/l	89

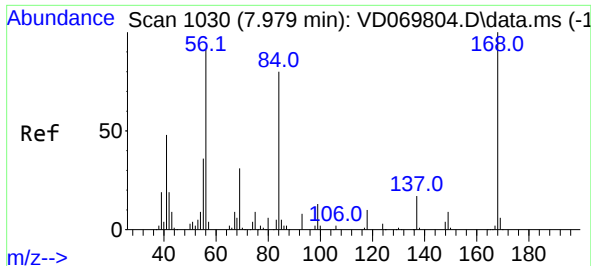
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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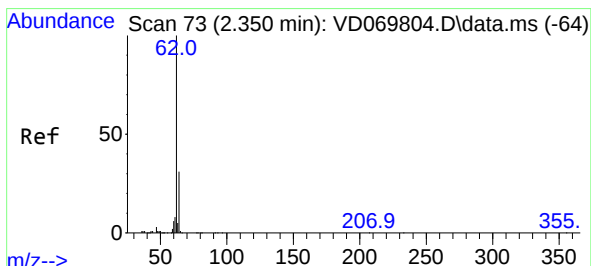
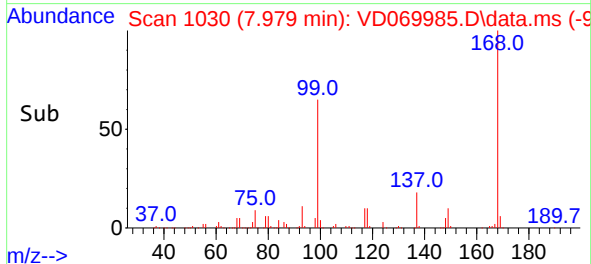
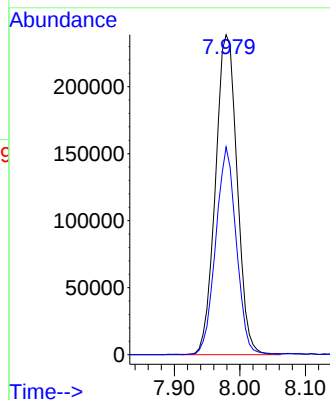
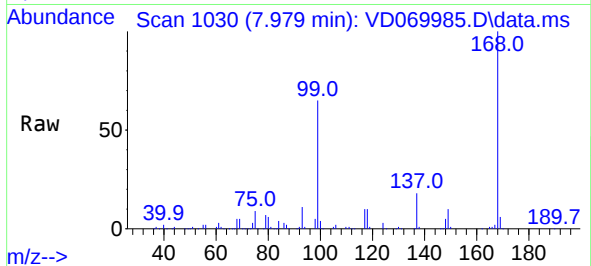




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

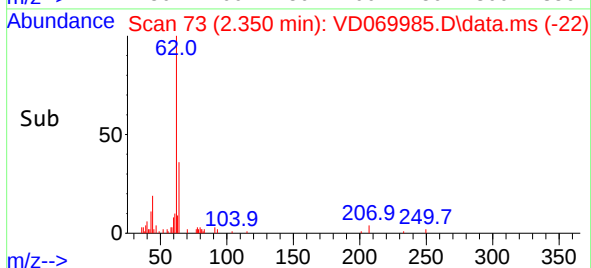
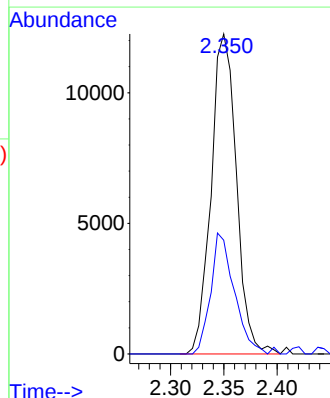
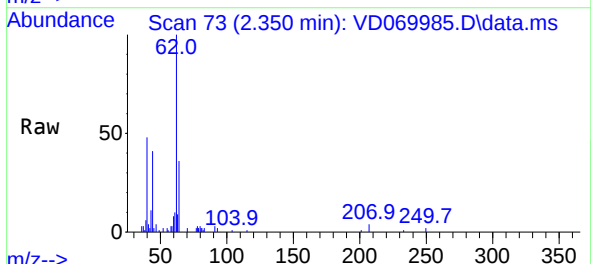
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-01

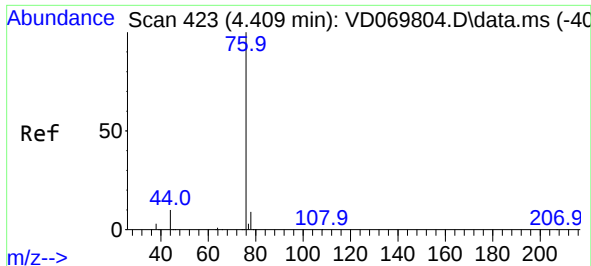
Tgt Ion:168 Resp: 547718
Ion Ratio Lower Upper
168 100
99 64.8 51.1 76.7



#4
Vinyl Chloride
Concen: 2.299 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

Tgt Ion: 62 Resp: 20225
Ion Ratio Lower Upper
62 100
64 35.6 25.0 37.4

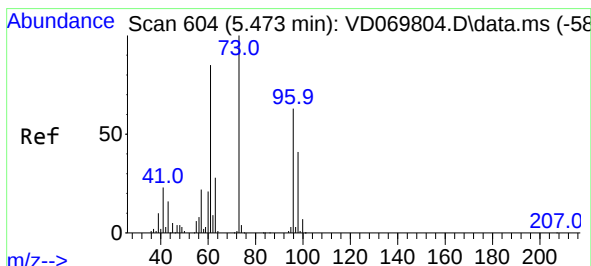
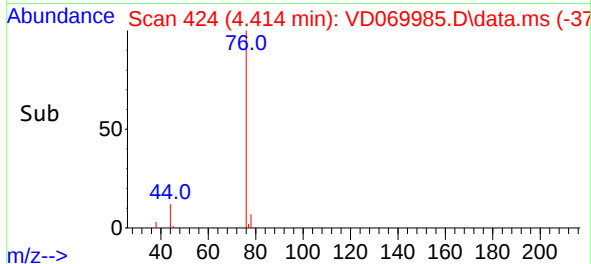
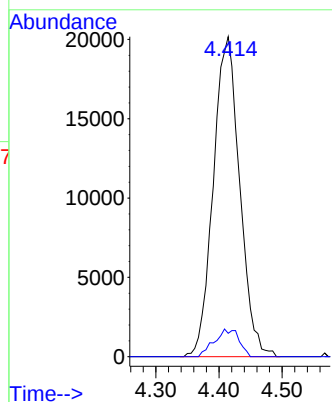
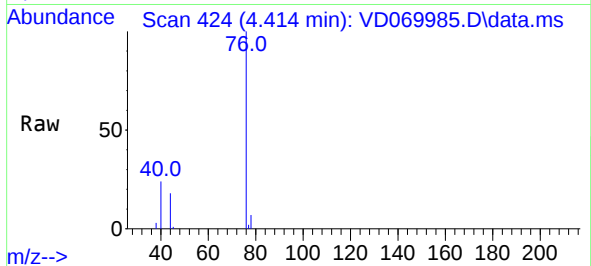




#17
Carbon Disulfide
Concen: 2.615 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

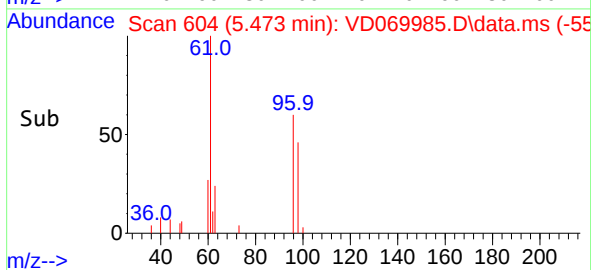
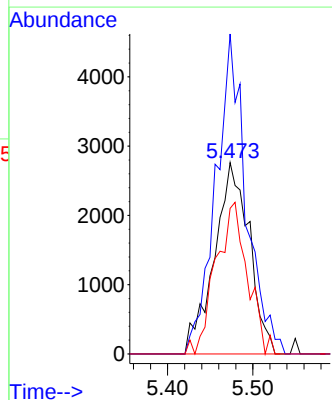
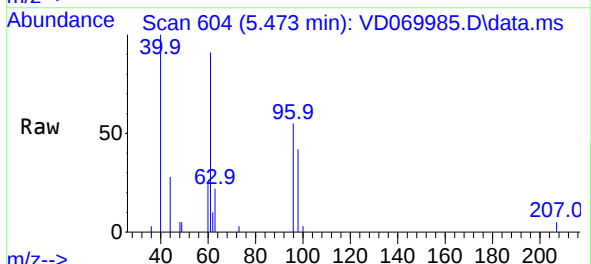
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-01

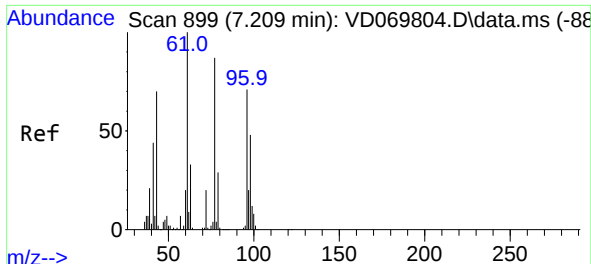
Tgt Ion: 76 Resp: 58601
Ion Ratio Lower Upper
76 100
78 7.3 7.3 10.9



#21
trans-1,2-Dichloroethene
Concen: 1.066 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

Tgt Ion: 96 Resp: 7869
Ion Ratio Lower Upper
96 100
61 167.2 107.0 160.6#
98 76.1 52.3 78.5

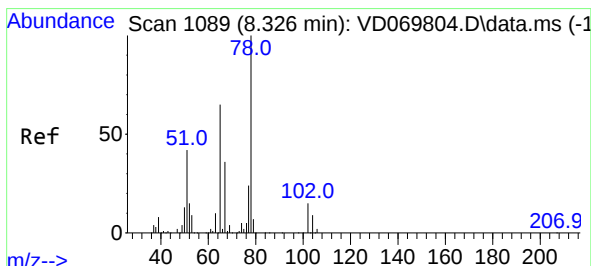
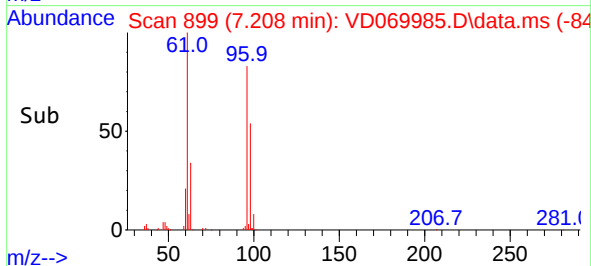
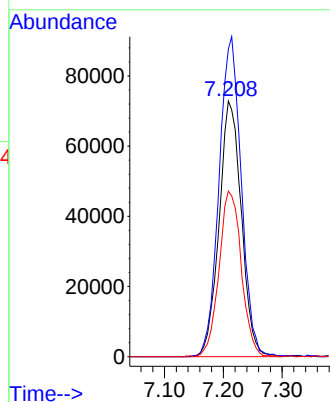
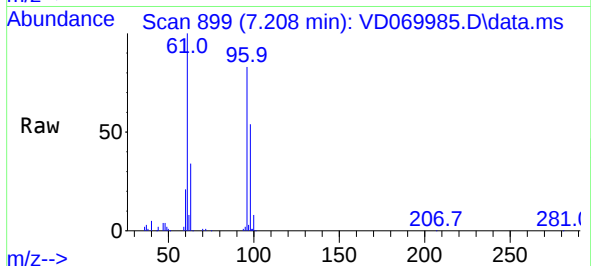




#27
cis-1,2-Dichloroethene
Concen: 24.316 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

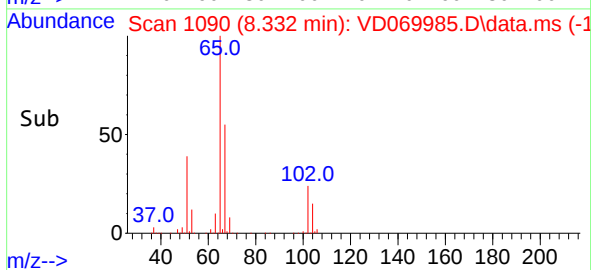
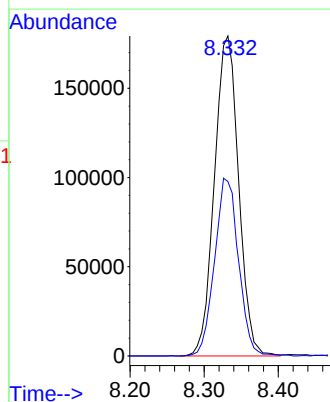
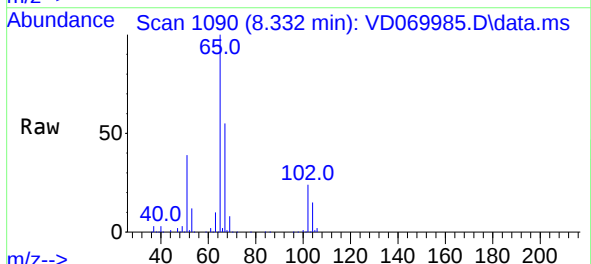
Instrument :
MSVOA_D
ClientSampleId :
PRE-MAEC-01

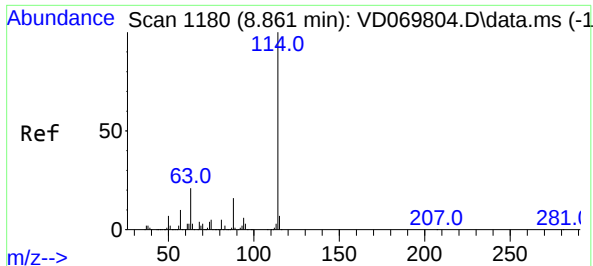
Tgt Ion: 96 Resp: 191597
Ion Ratio Lower Upper
96 100
61 124.9 0.0 291.6
98 64.9 0.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 64.578 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

Tgt Ion: 65 Resp: 406795
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2

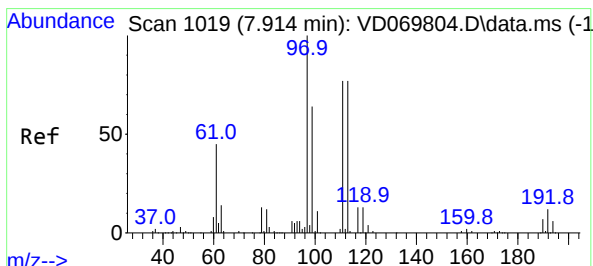
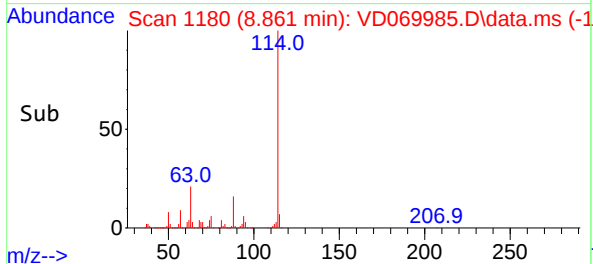
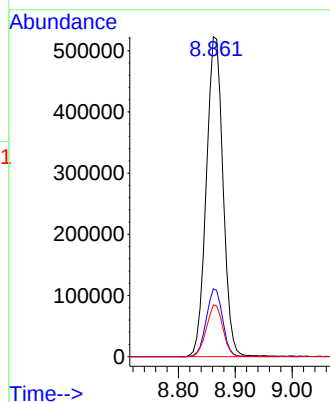
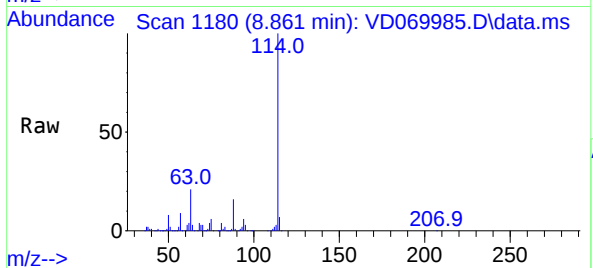




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

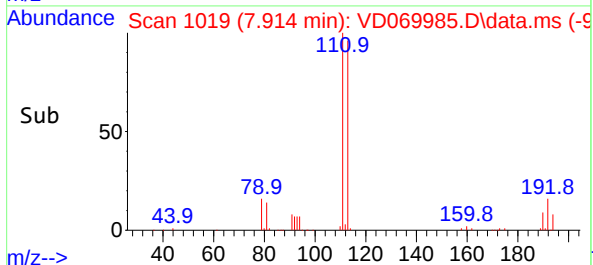
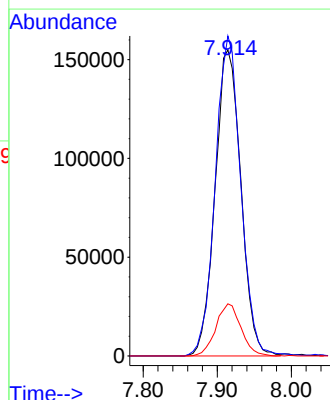
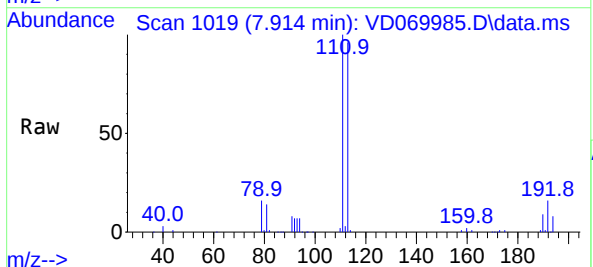
Instrument :
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ClientSampleId :
PRE-MAEC-01

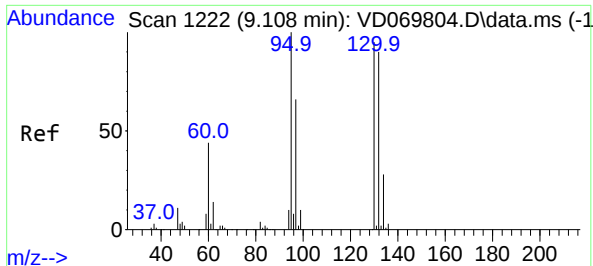
Tgt Ion:114 Resp: 1065605
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.818 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

Tgt Ion:113 Resp: 374962
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 16.5 12.6 19.0

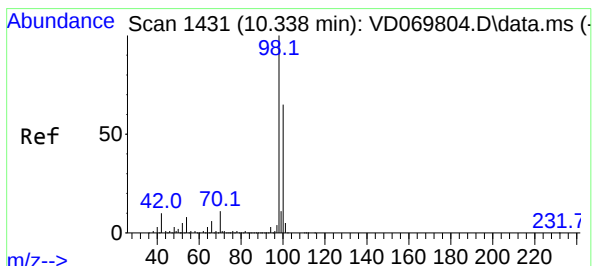
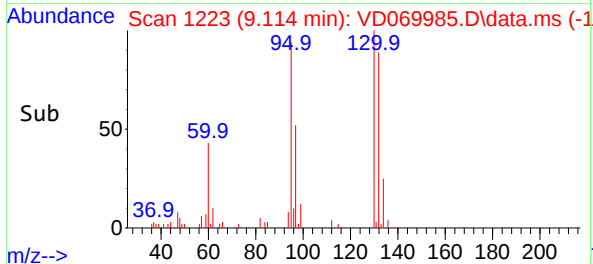
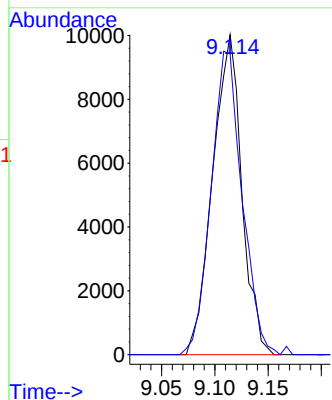
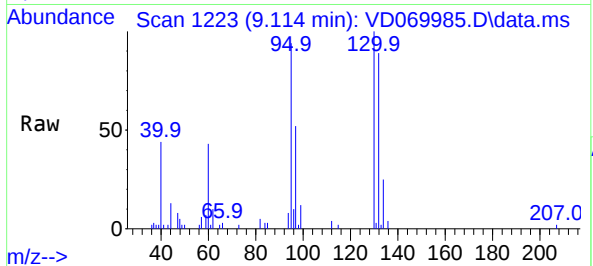




#44
Trichloroethene
Concen: 2.321 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

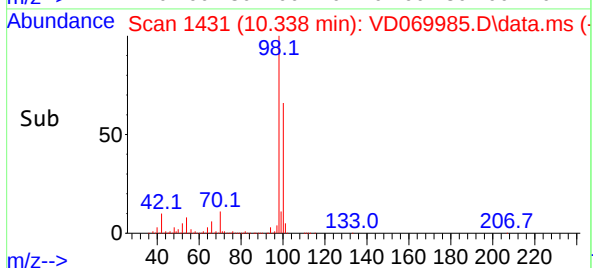
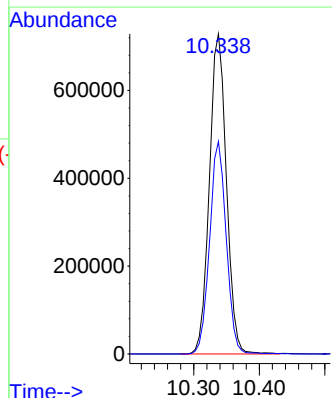
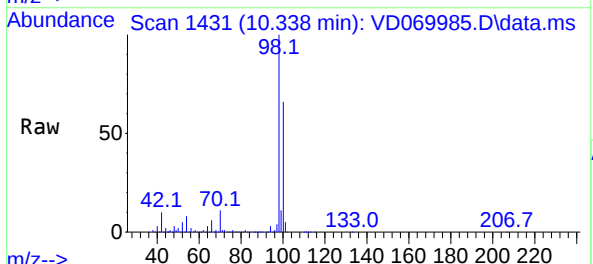
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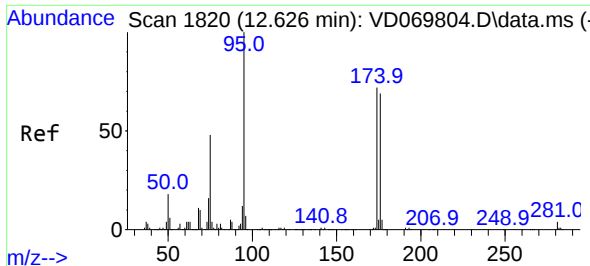
Tgt Ion:130 Resp: 19045
Ion Ratio Lower Upper
130 100
95 94.0 0.0 210.8



#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

Tgt Ion: 98 Resp: 1314428
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

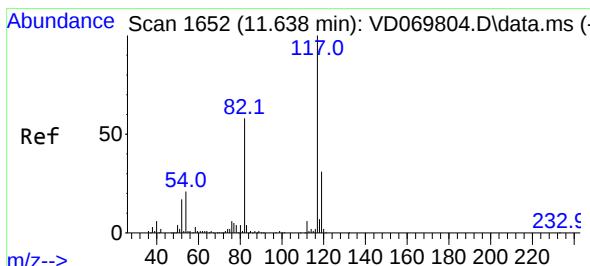
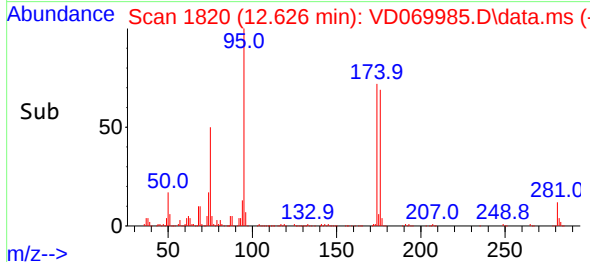
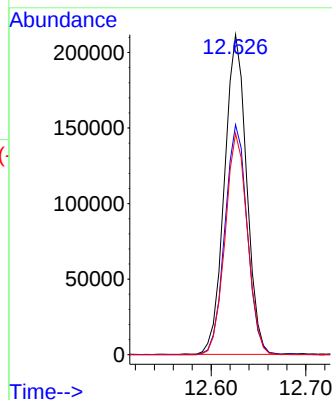
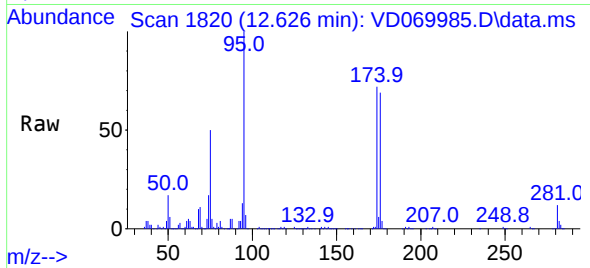




#62
4-Bromofluorobenzene
Concen: 39.671 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

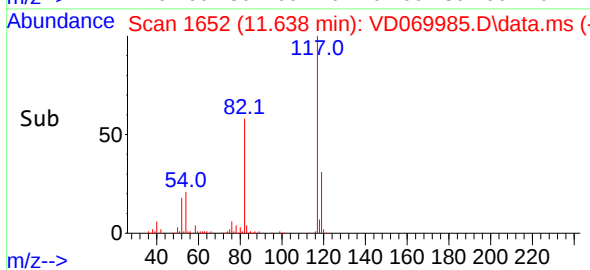
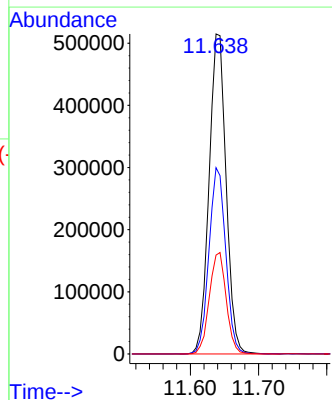
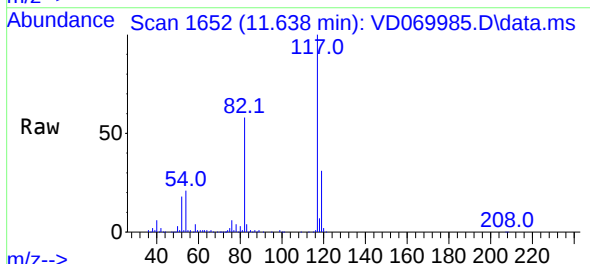
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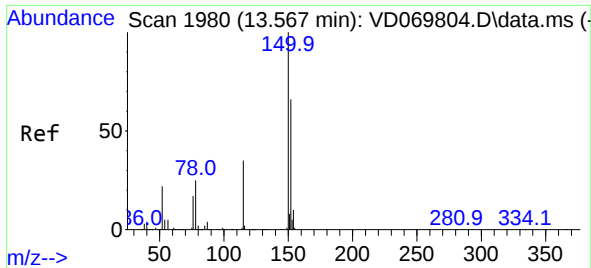
Tgt Ion: 95 Resp: 343423
Ion Ratio Lower Upper
95 100
174 72.6 0.0 142.6
176 69.5 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069985.D
Acq: 04 Aug 2021 14:47

Tgt Ion: 117 Resp: 893892
Ion Ratio Lower Upper
117 100
82 58.2 46.3 69.5
119 30.9 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: VD069985.D
 Acq: 04 Aug 2021 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	152	Resp:	263895
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.3
150	159.3	0.0	343.0

