

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069085.D
 Acq On : 06 May 2021 19:54
 Operator : VA/SY
 Sample : M2279-01
 Misc : 7.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-12

Quant Time: May 07 01:12:28 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)

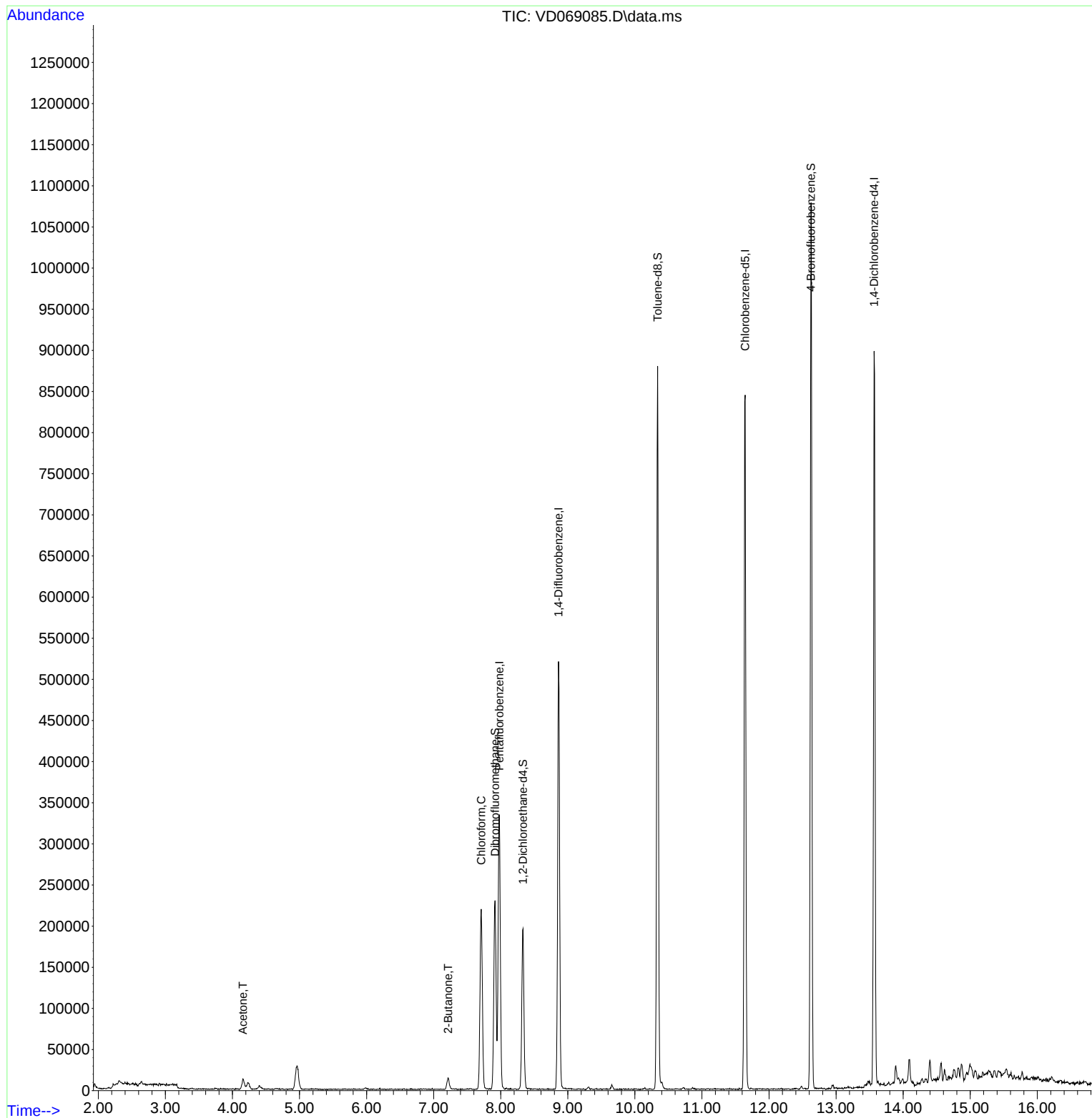
Internal Standards						
1) Pentafluorobenzene	7.979	168	245358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	457449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	501070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	237323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154494	48.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.72%
35) Dibromofluoromethane	7.914	113	165168	52.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.30%
50) Toluene-d8	10.338	98	591181	51.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.10%
62) 4-Bromofluorobenzene	12.626	95	228099	59.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.76%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	20390	23.48	ug/l #	79
25) 2-Butanone	7.214	43	18468	27.32	ug/l	93
30) Chloroform	7.709	83	211600	36.22	ug/l	98

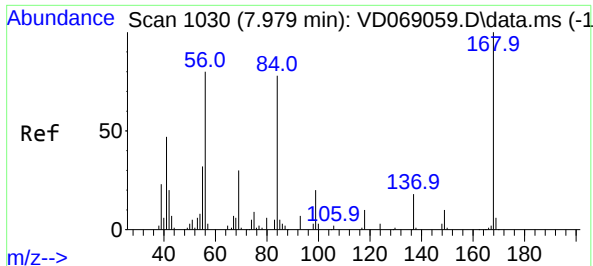
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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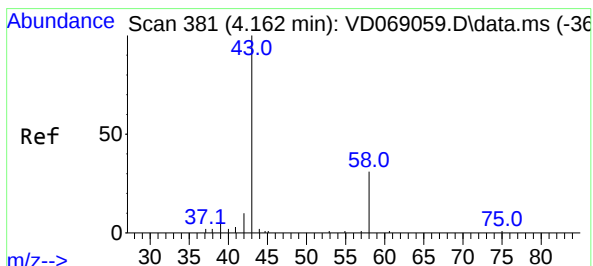
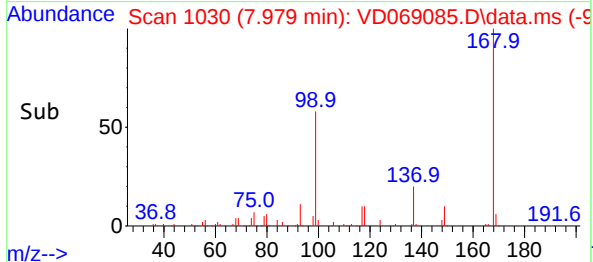
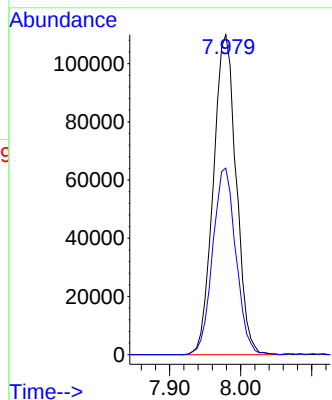
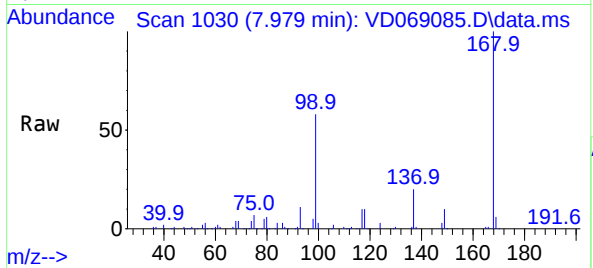




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

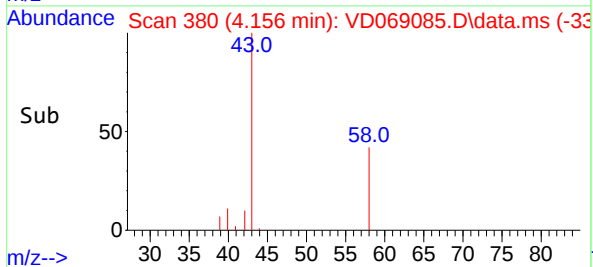
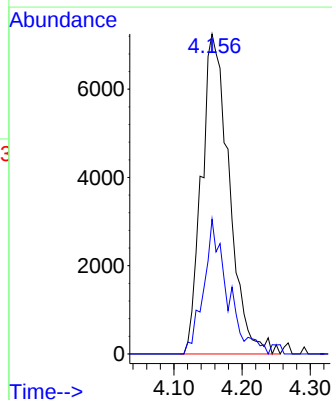
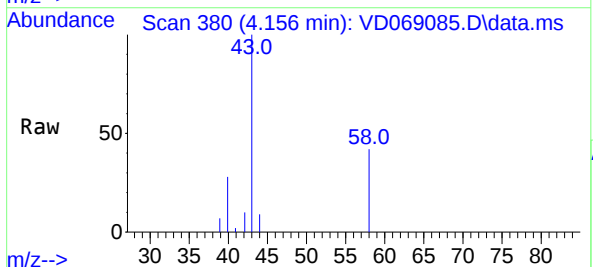
Instrument :
MSVOA_D
ClientSampled :
EME-12

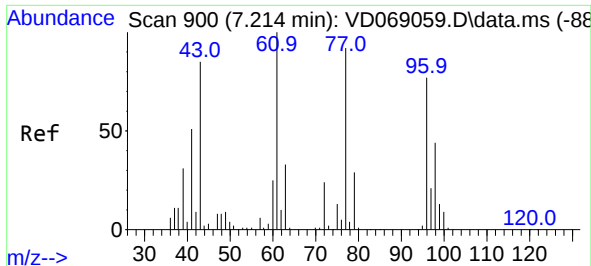
Tgt Ion:168 Resp: 245358
Ion Ratio Lower Upper
168 100
99 58.3 52.6 78.8



#16
Acetone
Concen: 23.48 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

Tgt Ion: 43 Resp: 20390
Ion Ratio Lower Upper
43 100
58 42.1 24.5 36.7#

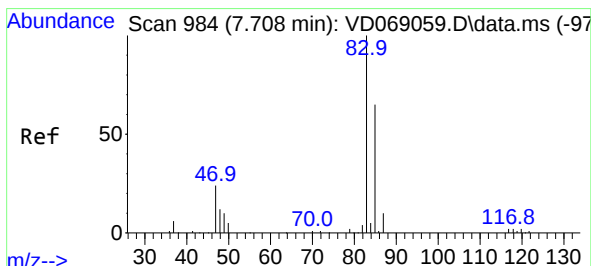
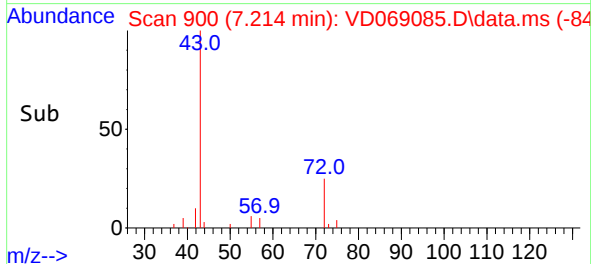
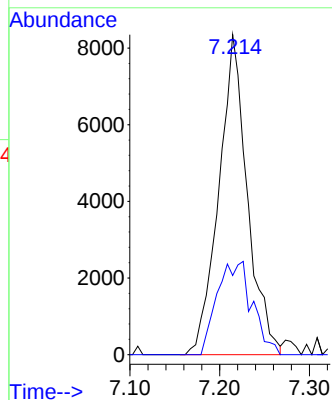
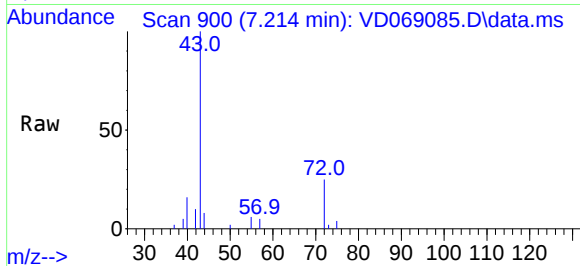




#25
2-Butanone
Concen: 27.32 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

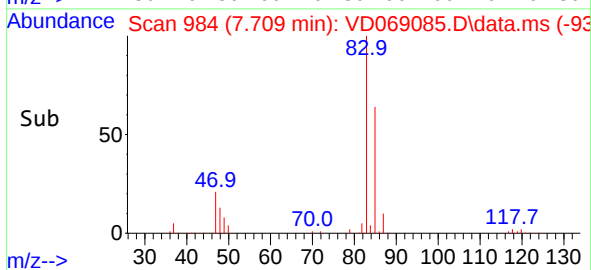
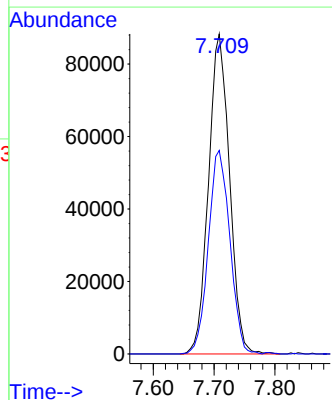
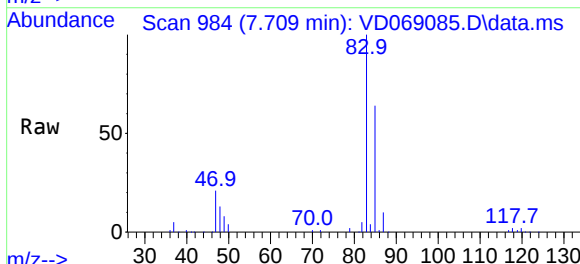
Instrument :
MSVOA_D
ClientSampleId :
EME-12

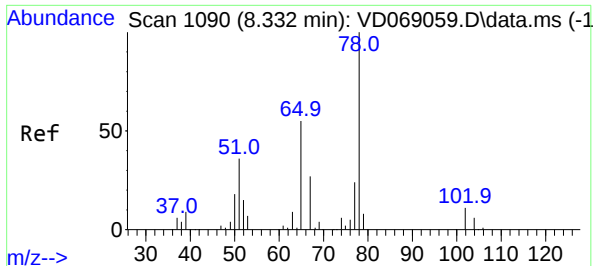
Tgt Ion: 43 Resp: 18468
Ion Ratio Lower Upper
43 100
72 24.7 23.0 34.4



#30
Chloroform
Concen: 36.22 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

Tgt Ion: 83 Resp: 211600
Ion Ratio Lower Upper
83 100
85 63.6 52.4 78.6

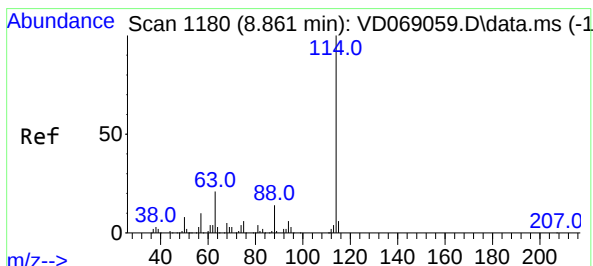
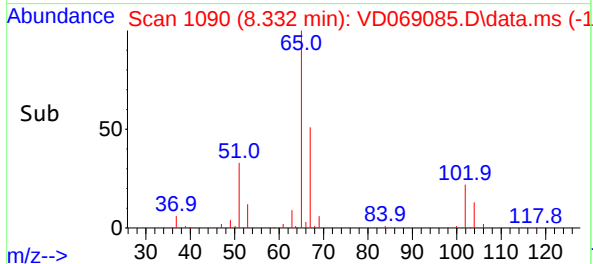
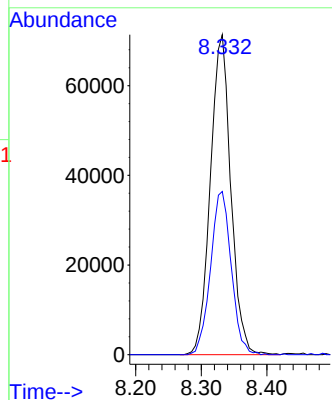
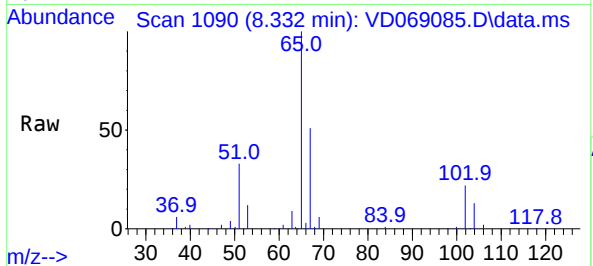




#33
1,2-Dichloroethane-d4
Concen: 48.86 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

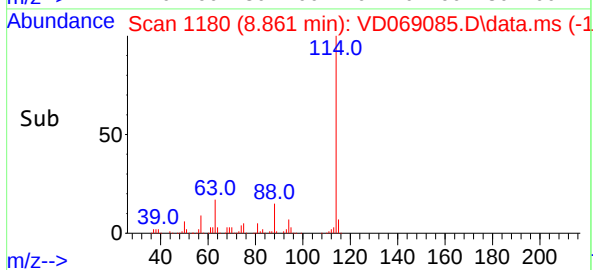
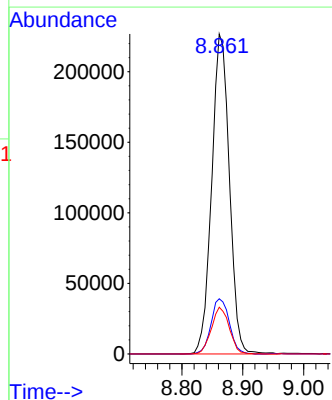
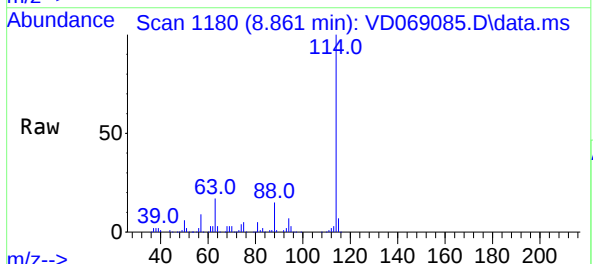
Instrument :
MSVOA_D
ClientSampled :
EME-12

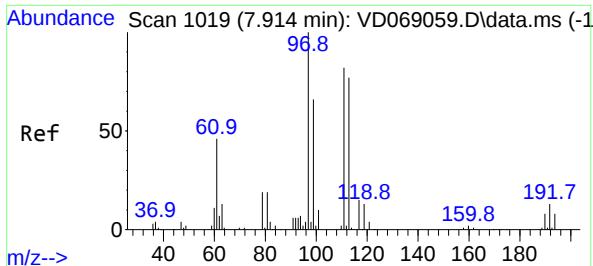
Tgt Ion: 65 Resp: 154494
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

Tgt Ion: 114 Resp: 457449
Ion Ratio Lower Upper
114 100
63 17.2 0.0 41.4
88 14.6 0.0 27.8



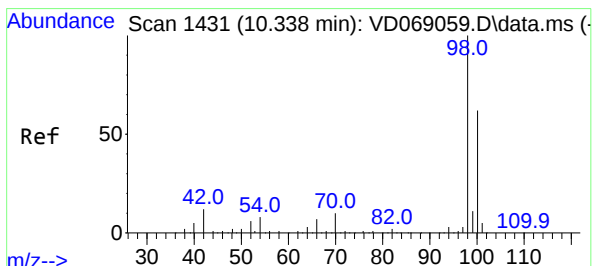
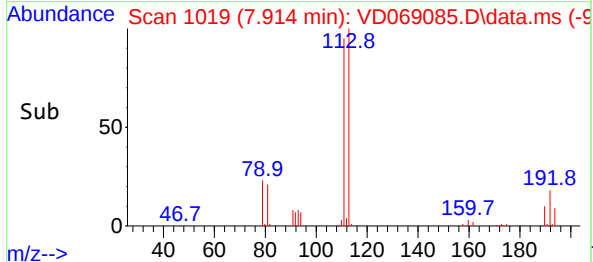
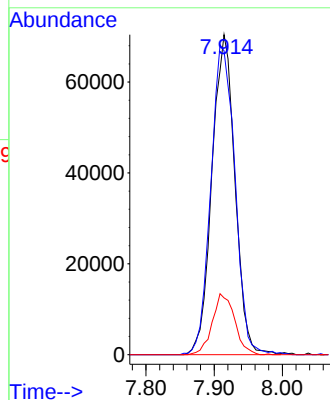
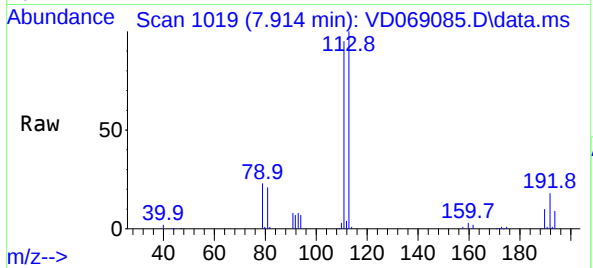


#35
Dibromofluoromethane
Concen: 52.65 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

Instrument :
MSVOA_D
ClientSampleId :
EME-12

Tgt Ion:113 Resp: 165168

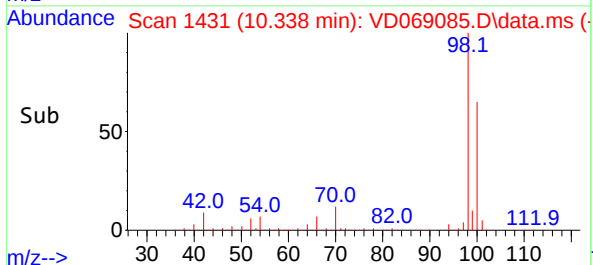
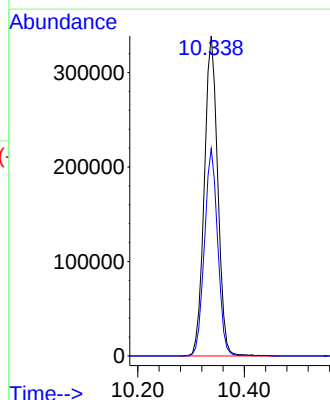
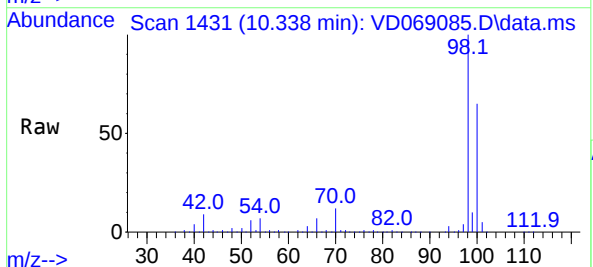
Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.6	126.8
192	18.5	13.5	20.3

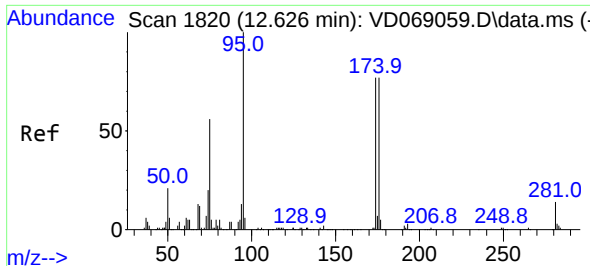


#50
Toluene-d8
Concen: 51.05 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

Tgt Ion: 98 Resp: 591181

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



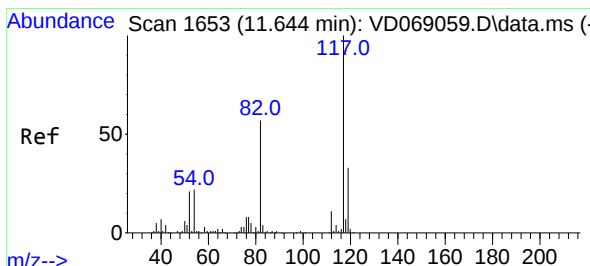
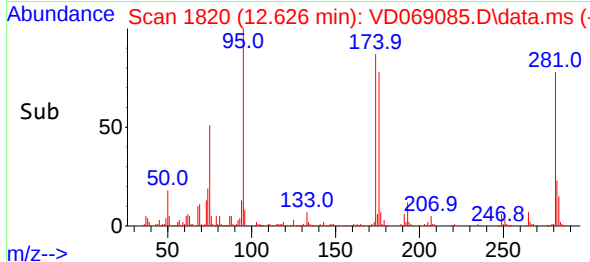
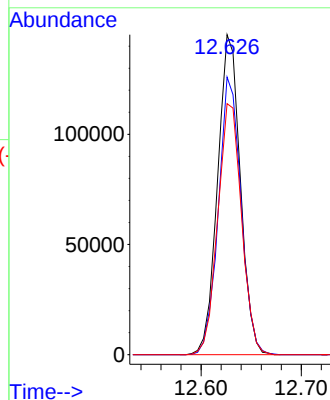
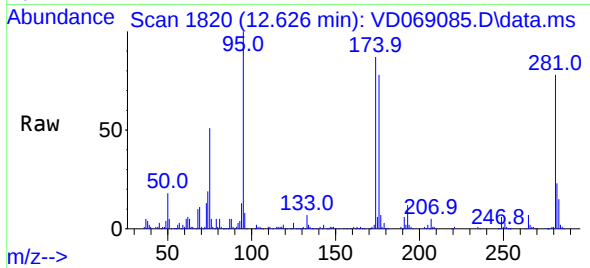


#62
4-Bromofluorobenzene
Concen: 59.88 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

Instrument :
MSVOA_D
ClientSampled :
EME-12

Tgt Ion: 95 Resp: 228099

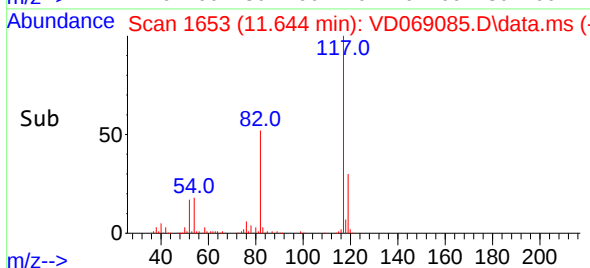
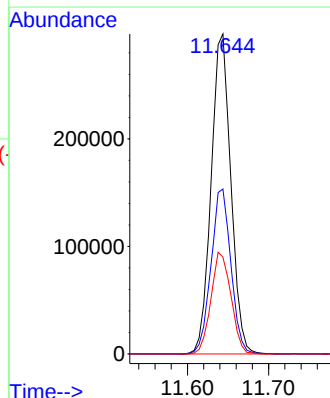
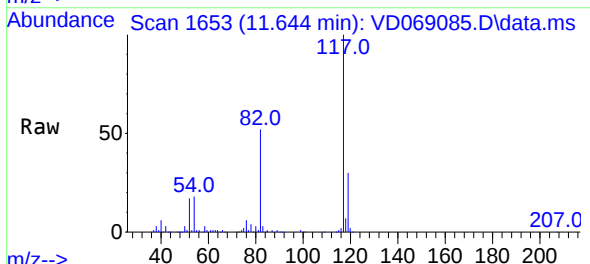
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	156.0
176	82.1	0.0	149.4

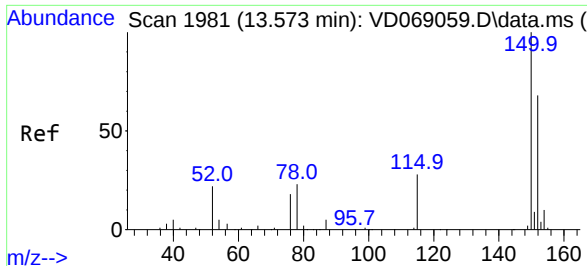


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069085.D
Acq: 06 May 2021 19:54

Tgt Ion: 117 Resp: 501070

Ion	Ratio	Lower	Upper
117	100		
82	51.5	45.4	68.2
119	30.3	26.8	40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069085.D
 Acq: 06 May 2021 19:54

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-12

Tgt Ion:152 Resp: 237323
 Ion Ratio Lower Upper
 152 100
 115 58.4 30.5 91.5
 150 159.0 0.0 340.8

