

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069092.D
 Acq On : 06 May 2021 23:19
 Operator : VA/SY
 Sample : M2279-08
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-19

Quant Time: May 07 01:15:04 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)

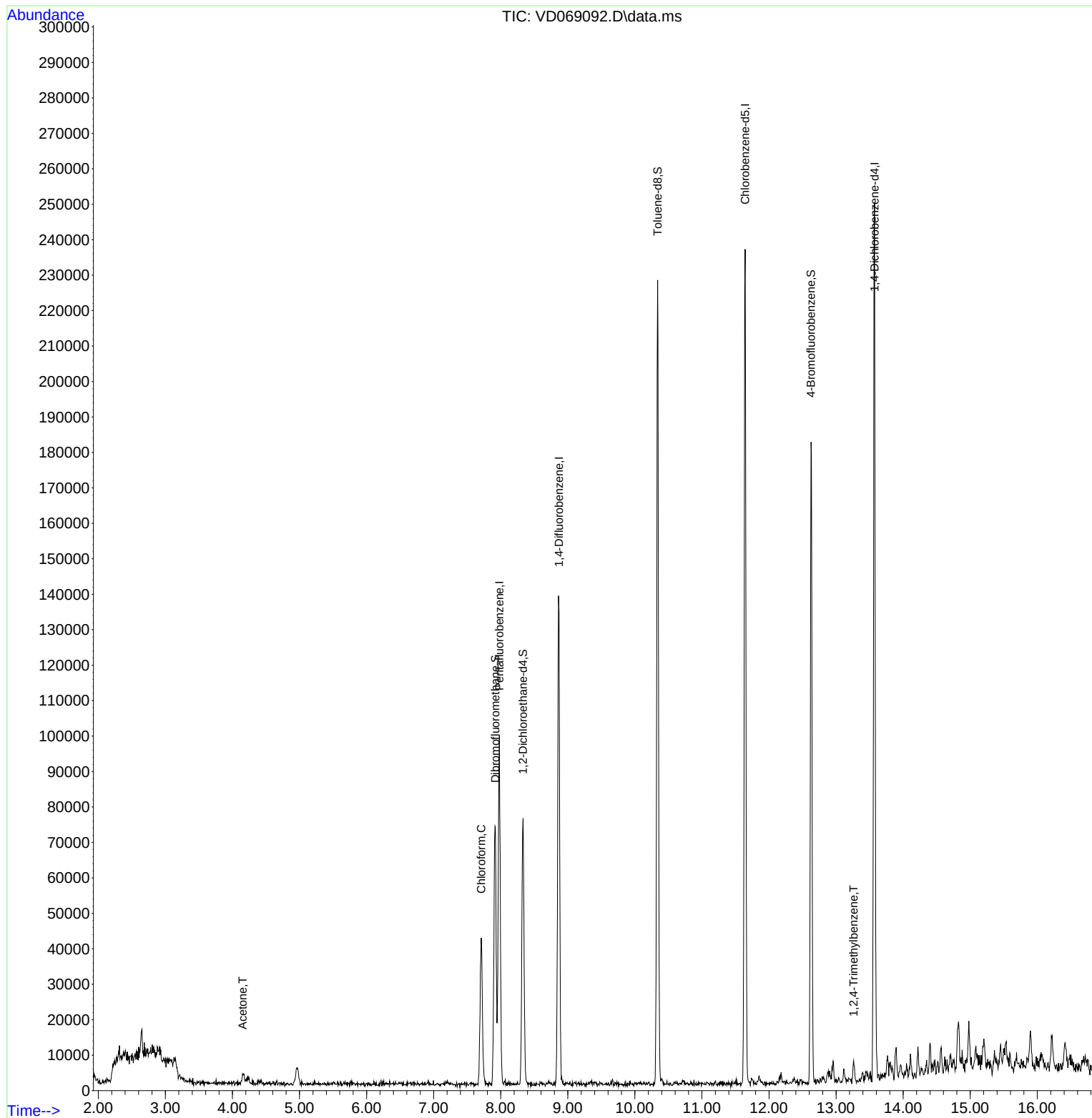
Internal Standards						
1) Pentafluorobenzene	7.979	168	68623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	122359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	145182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	67442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	59742	67.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.10%	
35) Dibromofluoromethane	7.920	113	51569	61.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.92%	
50) Toluene-d8	10.338	98	157798	50.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.88%	
62) 4-Bromofluorobenzene	12.626	95	57633	56.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.12%	
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	5188	18.88	ug/l #	81
30) Chloroform	7.708	83	38719	23.70	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	4036	1.02	ug/l	90

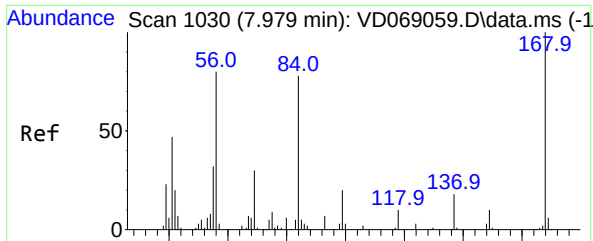
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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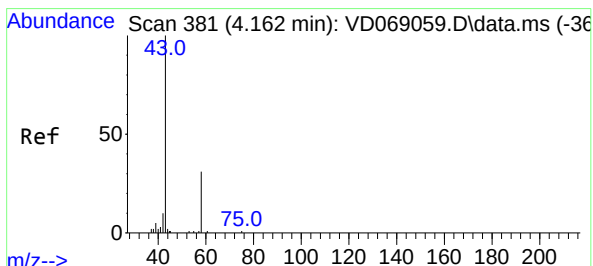
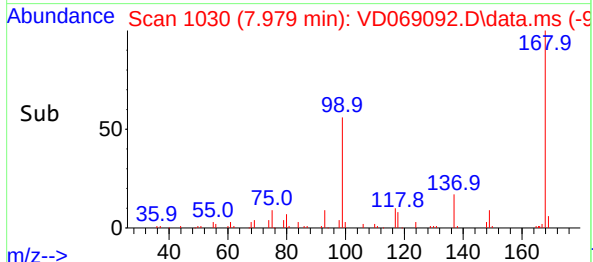
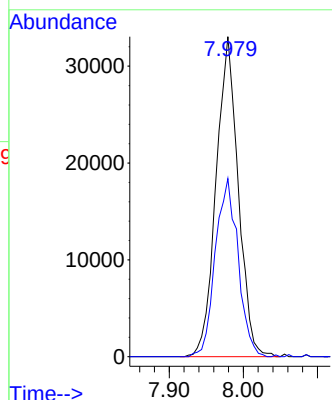
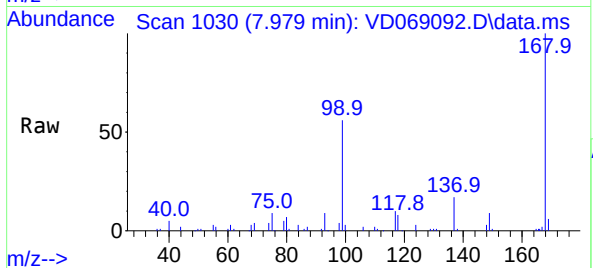




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

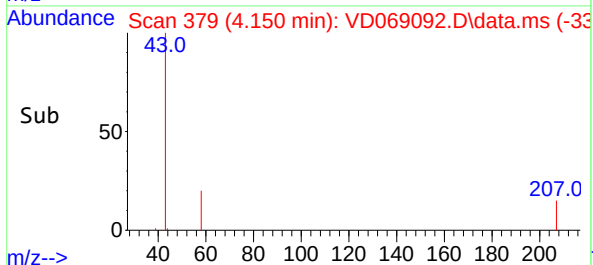
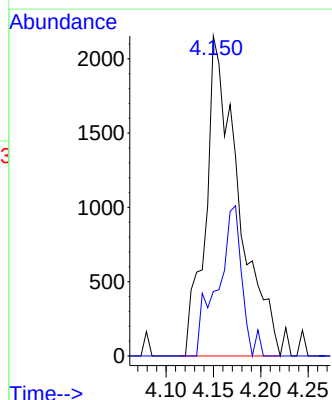
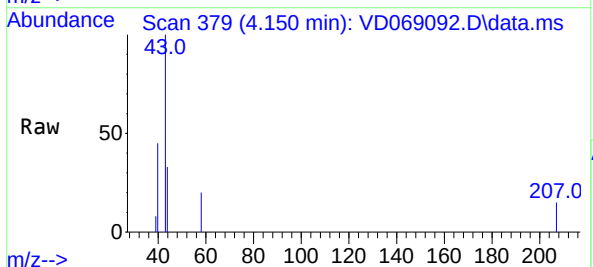
Instrument :
MSVOA_D
ClientSampleId :
EME-19

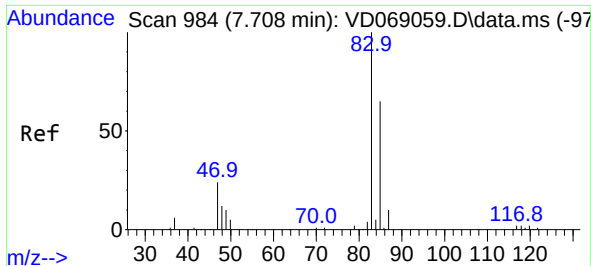
Tgt Ion:168 Resp: 68623
Ion Ratio Lower Upper
168 100
99 55.7 52.6 78.8



#16
Acetone
Concen: 18.88 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

Tgt Ion: 43 Resp: 5188
Ion Ratio Lower Upper
43 100
58 20.1 24.5 36.7#

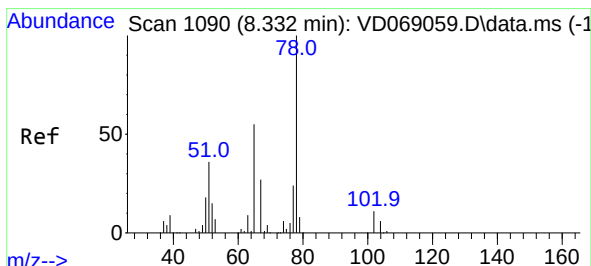
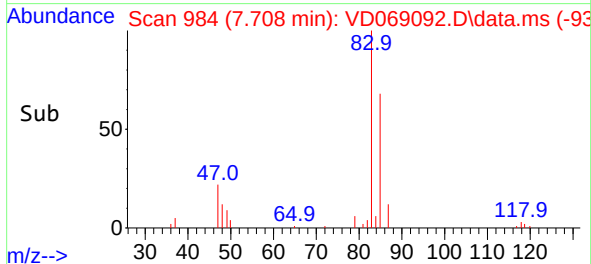
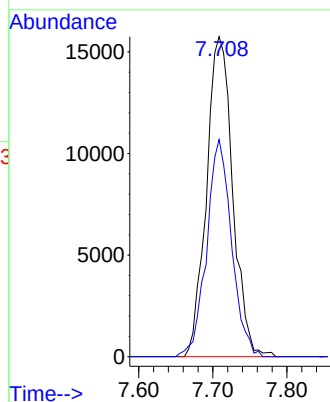
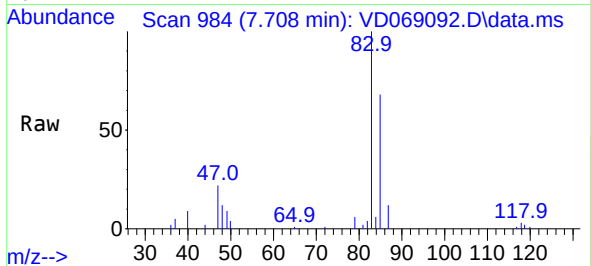




#30
Chloroform
Concen: 23.70 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

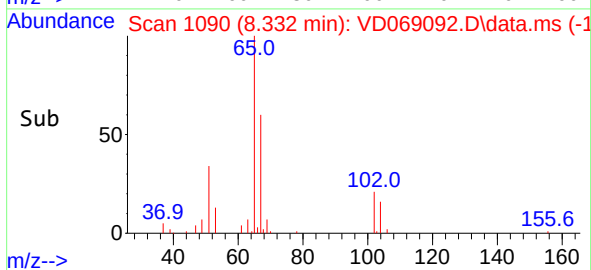
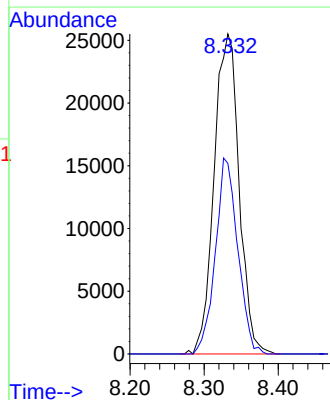
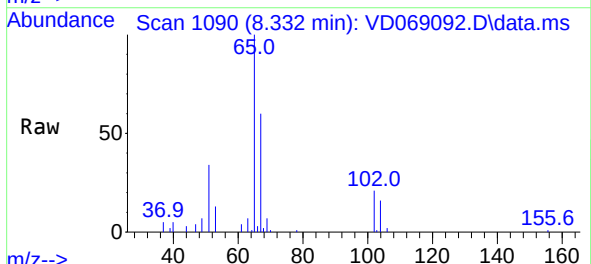
Instrument :
MSVOA_D
ClientSampleId :
EME-19

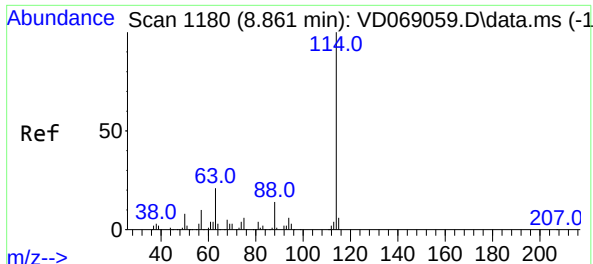
Tgt Ion: 83 Resp: 38719
Ion Ratio Lower Upper
83 100
85 67.9 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 67.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

Tgt Ion: 65 Resp: 59742
Ion Ratio Lower Upper
65 100
67 54.8 0.0 103.4

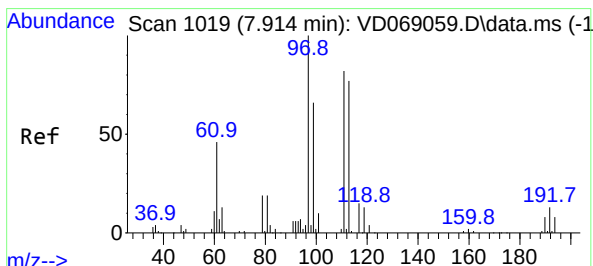
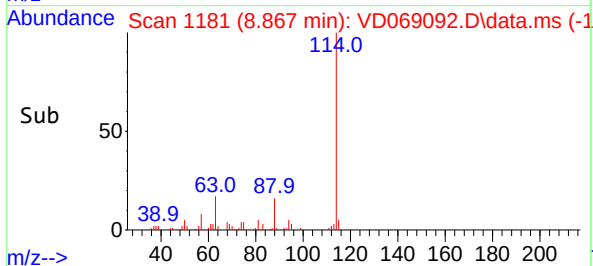
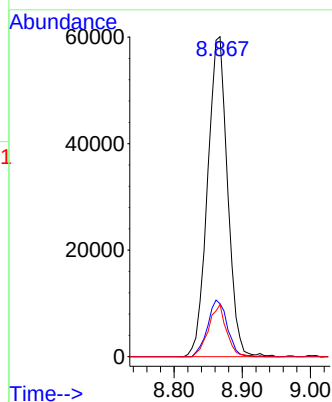
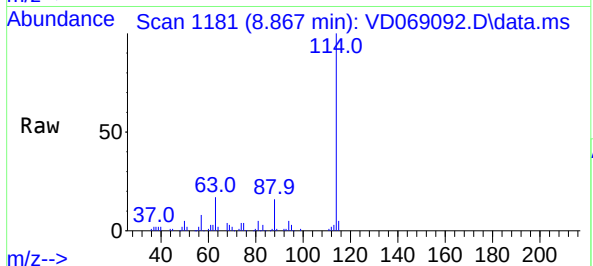




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

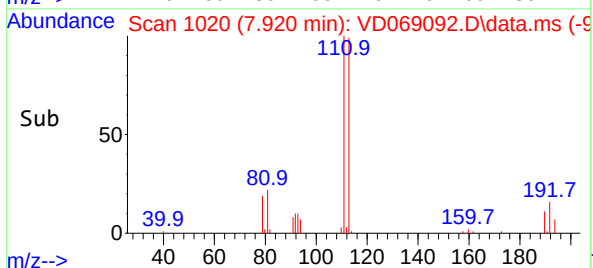
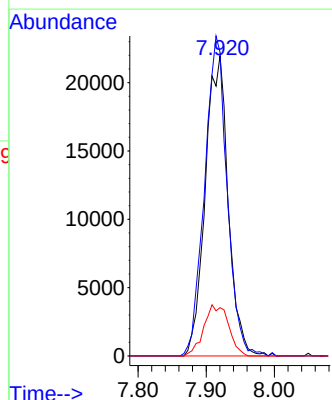
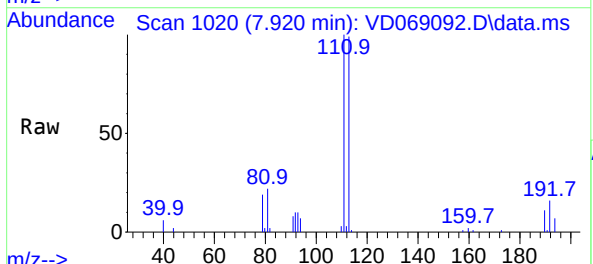
Instrument :
MSVOA_D
ClientSampled :
EME-19

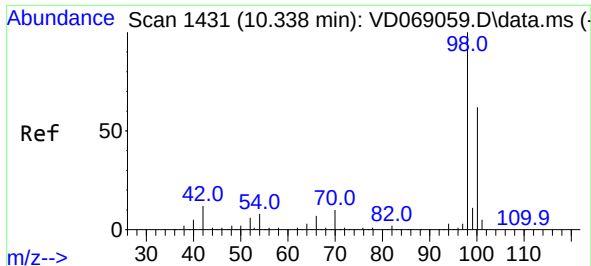
Tgt Ion:	114	Resp:	122359
Ion Ratio	Lower	Upper	
114	100		
63	16.5	0.0	41.4
88	16.3	0.0	27.8



#35
Dibromofluoromethane
Concen: 61.46 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

Tgt Ion:	113	Resp:	51569
Ion Ratio	Lower	Upper	
113	100		
111	104.3	84.6	126.8
192	18.3	13.5	20.3

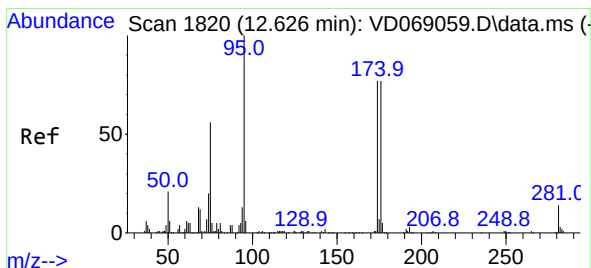
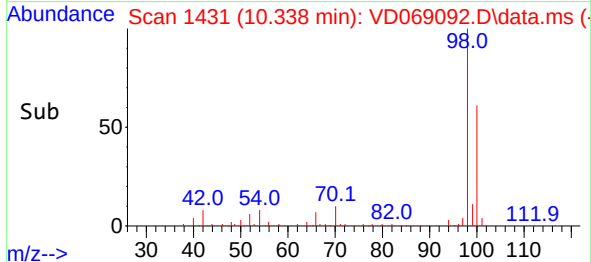
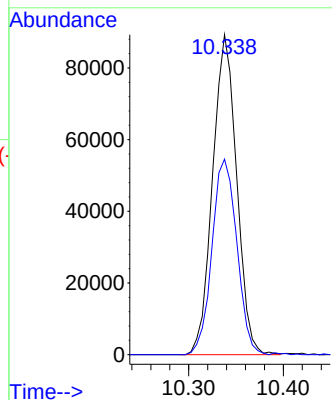
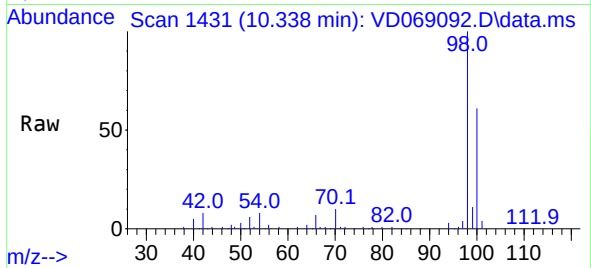




#50
Toluene-d8
Concen: 50.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

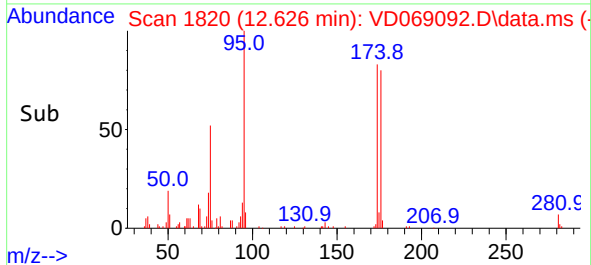
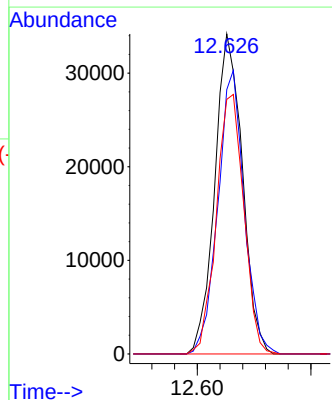
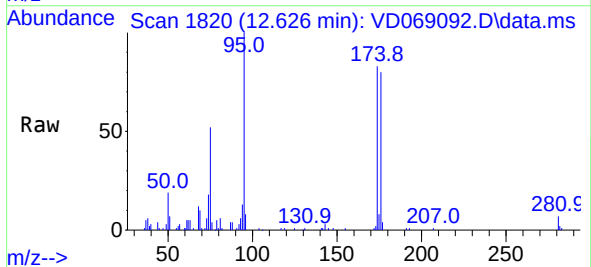
Instrument :
MSVOA_D
ClientSampled :
EME-19

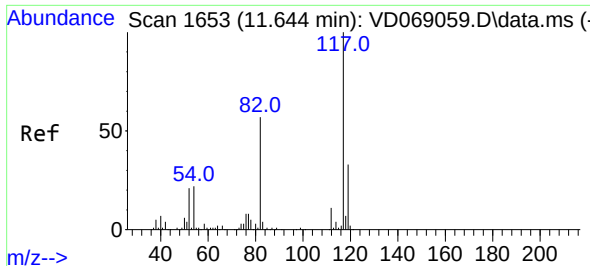
Tgt Ion: 98 Resp: 157798
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 56.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

Tgt Ion: 95 Resp: 57633
Ion Ratio Lower Upper
95 100
174 84.6 0.0 156.0
176 80.6 0.0 149.4

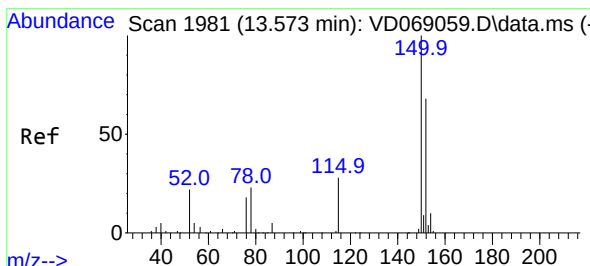
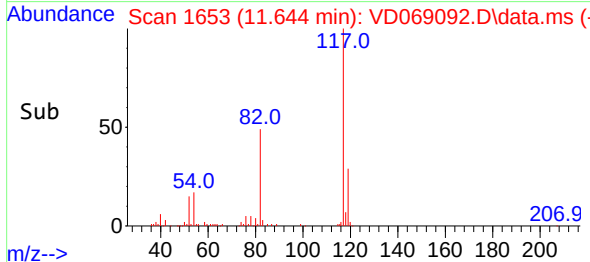
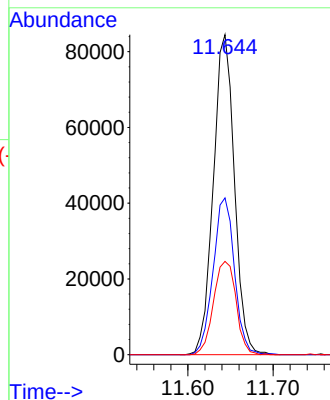
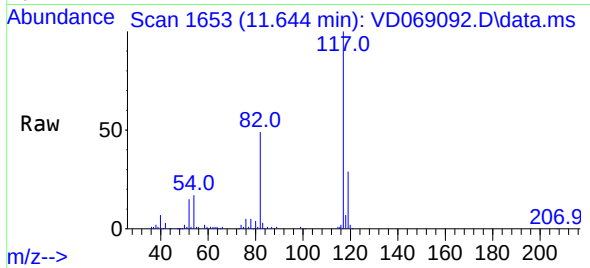




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

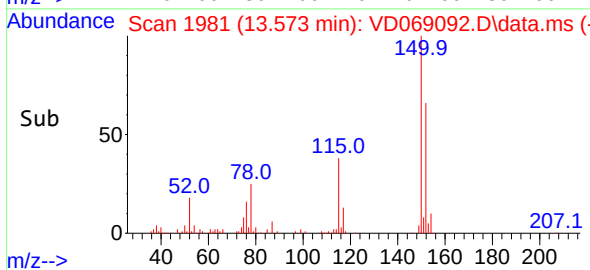
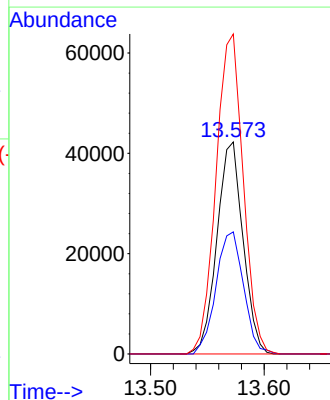
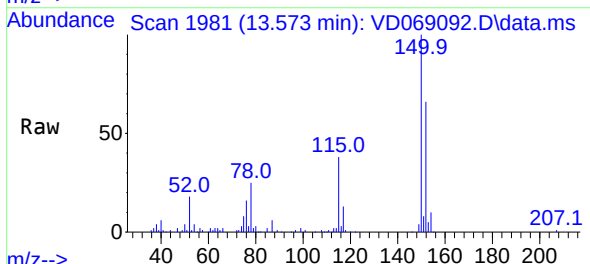
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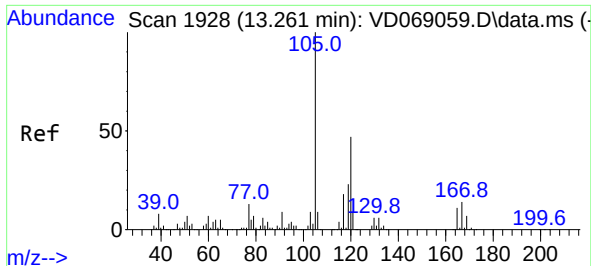
Tgt Ion:	117	Resp:	145182
Ion Ratio	Lower	Upper	
117	100		
82	49.0	45.4	68.2
119	29.1	26.8	40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069092.D
Acq: 06 May 2021 23:19

Tgt Ion:	152	Resp:	67442
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.5	91.5
150	157.5	0.0	340.8





#84
 1,2,4-Trimethylbenzene
 Concen: 1.02 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: VD069092.D
 Acq: 06 May 2021 23:19

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-19

Tgt Ion:105 Resp: 4036
 Ion Ratio Lower Upper
 105 100
 120 38.2 22.5 67.5

