

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069391.D
 Acq On : 08 Jun 2021 14:50
 Operator : VA/SY
 Sample : M2612-03
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(14-18)

Quant Time: Jun 09 02:09:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

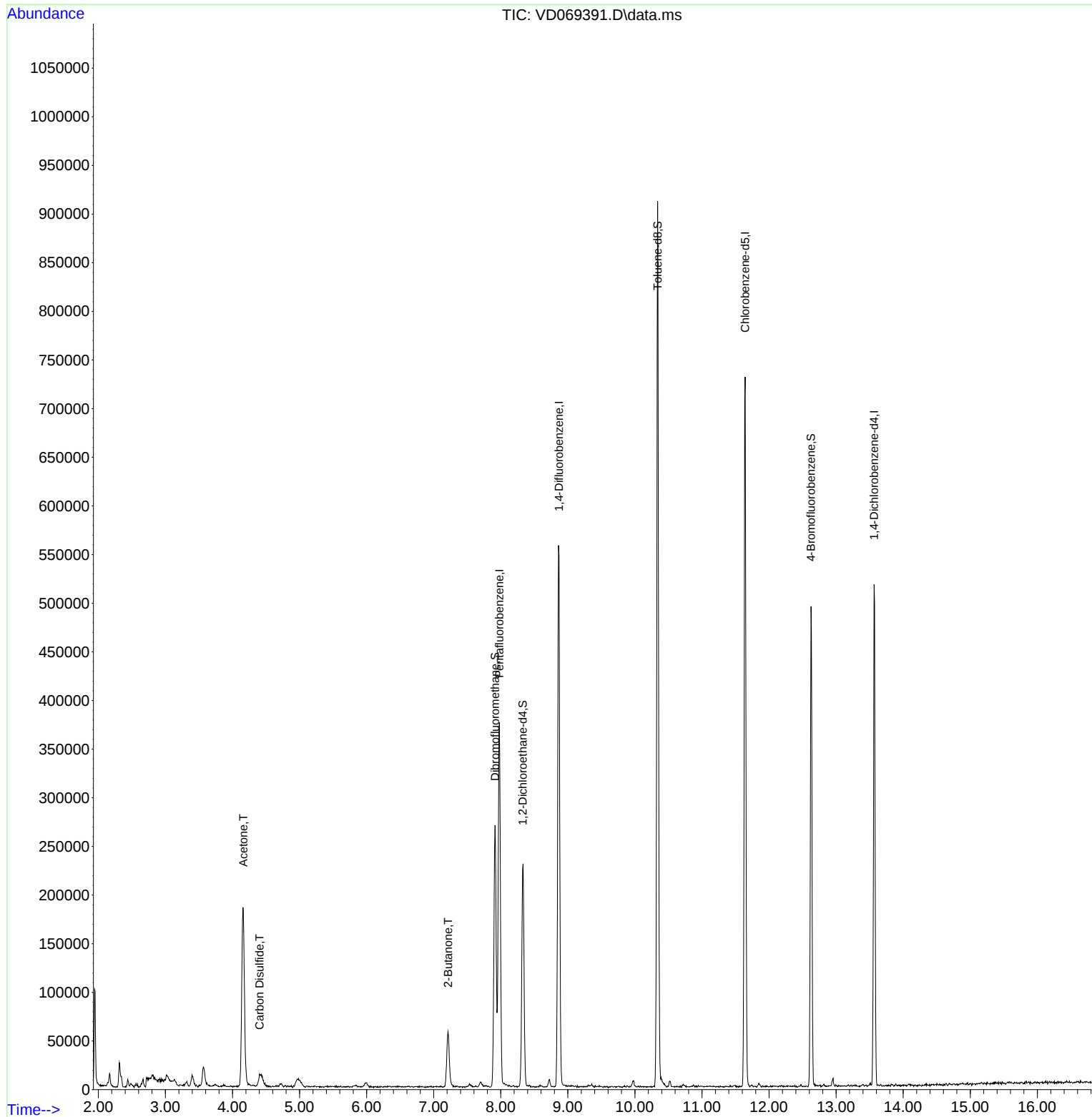
Internal Standards						
1) Pentafluorobenzene	7.979	168	286959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	508883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	455351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	144574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185963	67.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.080%
35) Dibromofluoromethane	7.914	113	194482	60.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.720%
50) Toluene-d8	10.338	98	632344	54.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.626	95	152325	40.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.000%
Target Compounds					Qvalue	
16) Acetone	4.161	43	319274	664.468	ug/l	99
17) Carbon Disulfide	4.403	76	22844	2.400	ug/l	97
25) 2-Butanone	7.214	43	87128	137.802	ug/l	98

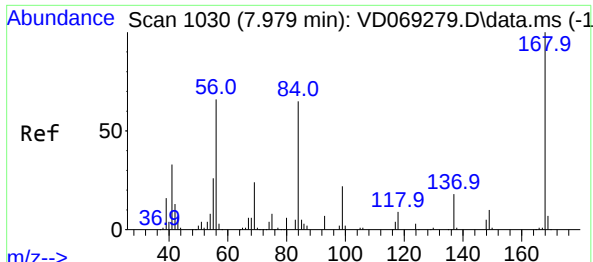
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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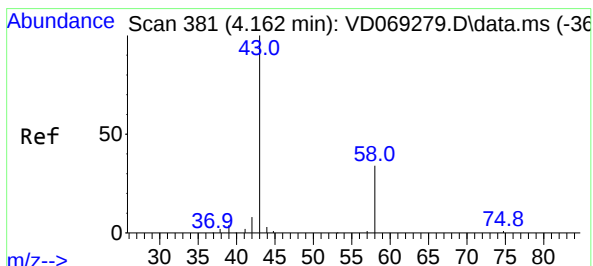
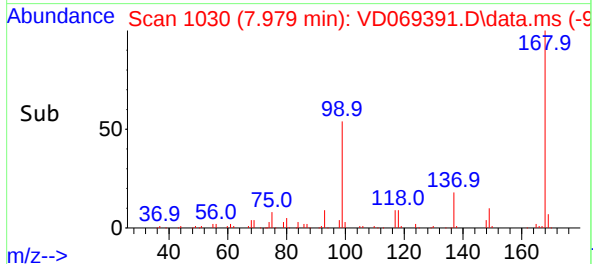
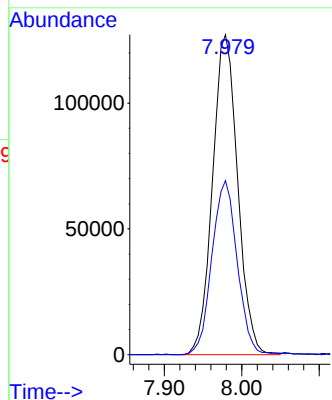
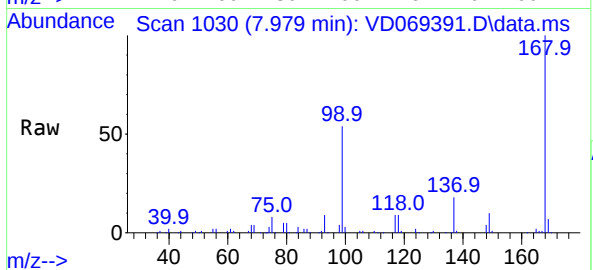




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

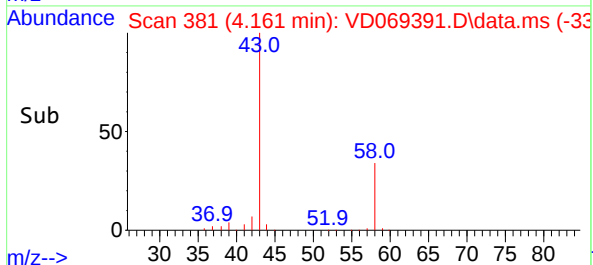
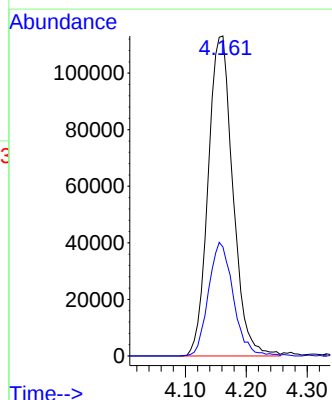
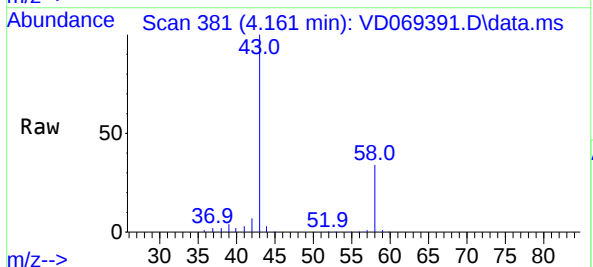
Instrument :
MSVOA_D
ClientSampleId :
18-B12(14-18)

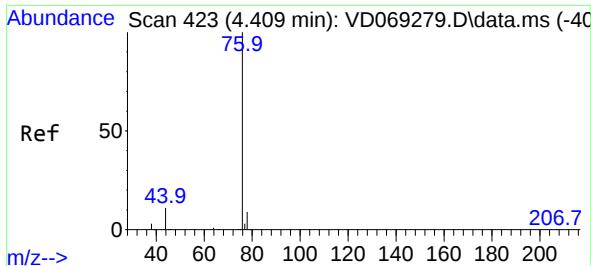
Tgt Ion:168 Resp: 286959
Ion Ratio Lower Upper
168 100
99 54.4 46.2 69.2



#16
Acetone
Concen: 664.468 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

Tgt Ion: 43 Resp: 319274
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3

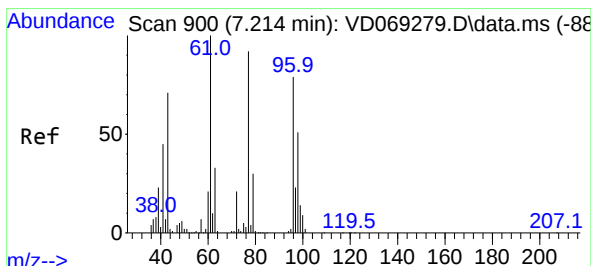
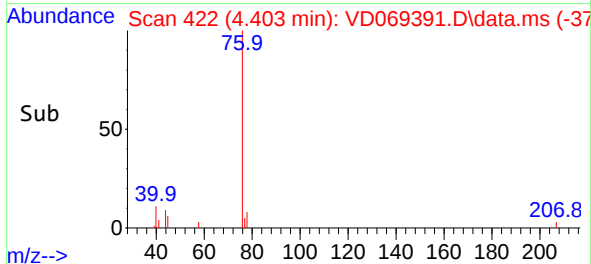
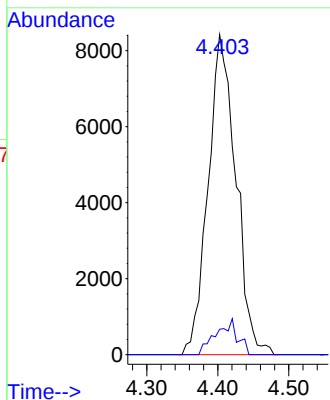
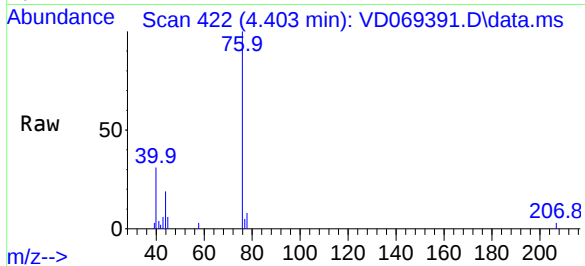




#17
Carbon Disulfide
Concen: 2.400 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

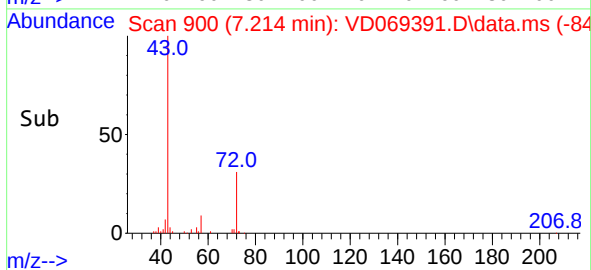
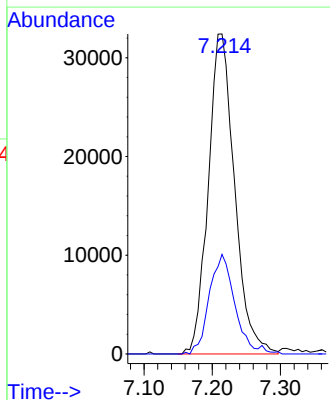
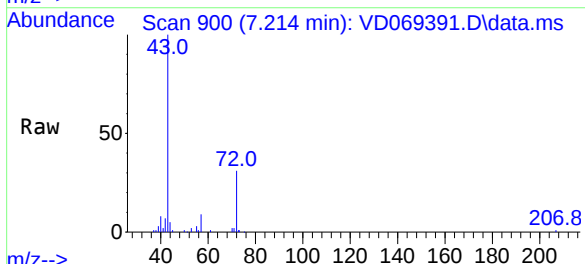
Instrument :
MSVOA_D
ClientSampleId :
18-B12(14-18)

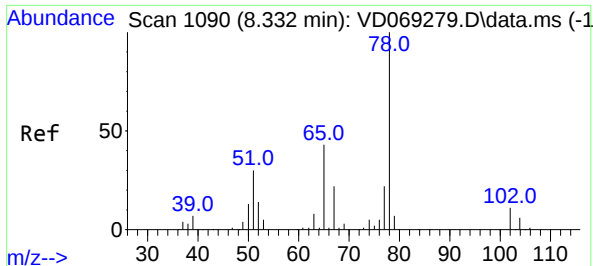
Tgt Ion: 76 Resp: 22844
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#25
2-Butanone
Concen: 137.802 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

Tgt Ion: 43 Resp: 87128
Ion Ratio Lower Upper
43 100
72 31.1 23.9 35.9

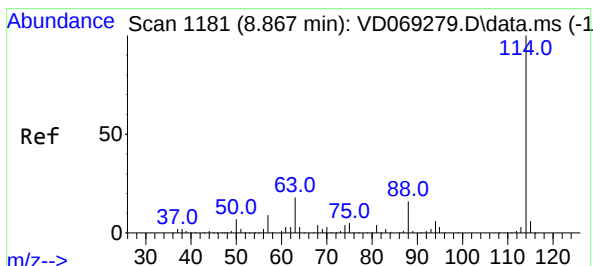
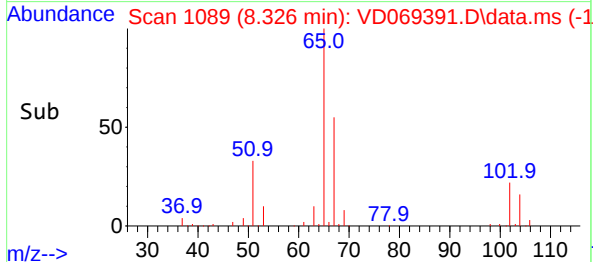
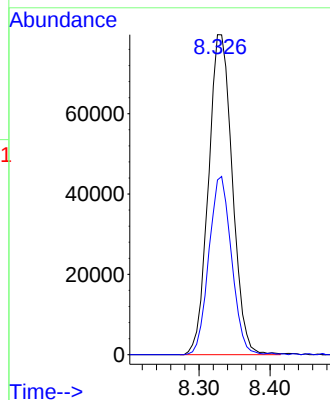
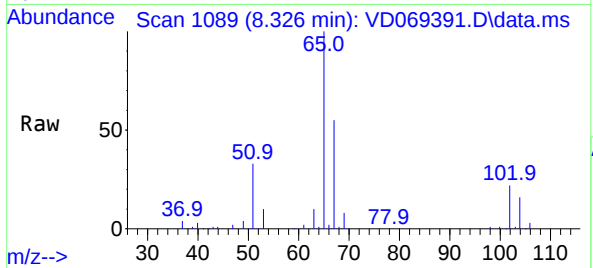




#33
1,2-Dichloroethane-d4
Concen: 67.539 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

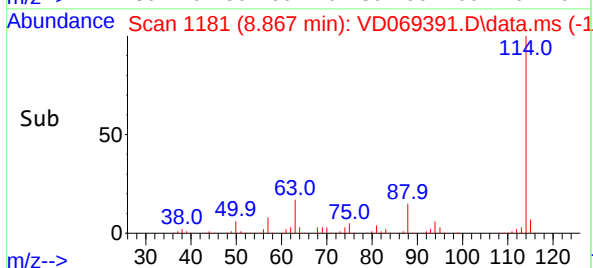
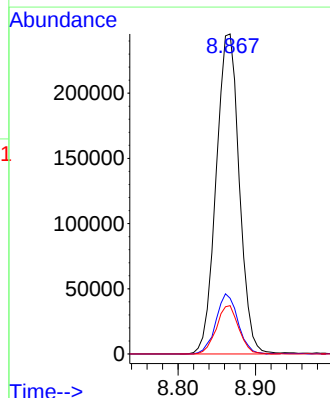
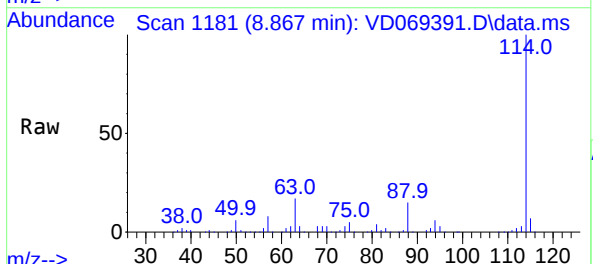
Instrument :
MSVOA_D
ClientSampleId :
18-B12(14-18)

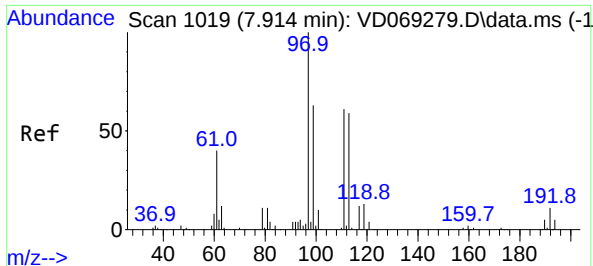
Tgt Ion: 65 Resp: 185963
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

Tgt Ion:114 Resp: 508883
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.6
88 15.1 0.0 31.2

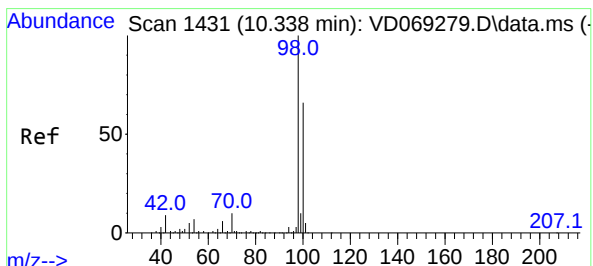
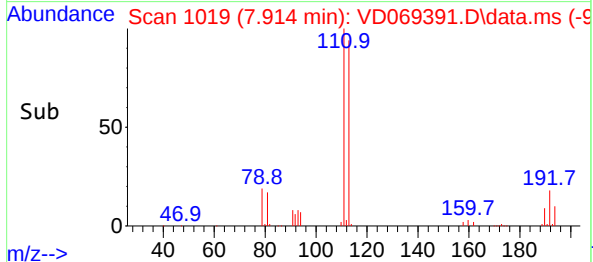
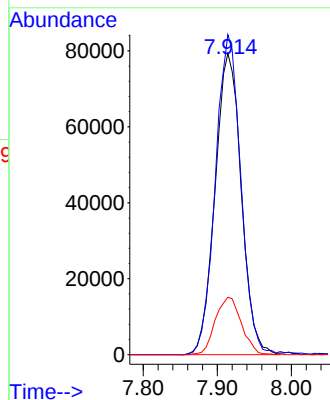
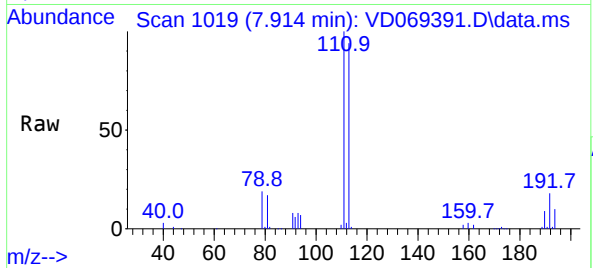




#35
Dibromofluoromethane
Concen: 60.858 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

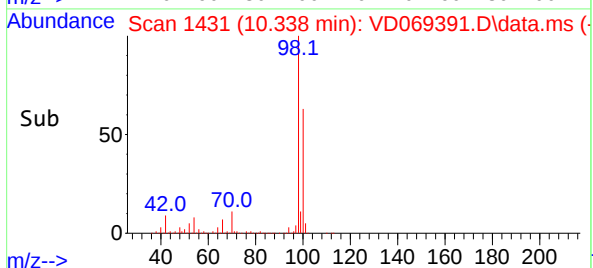
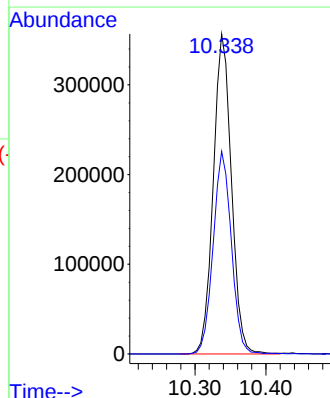
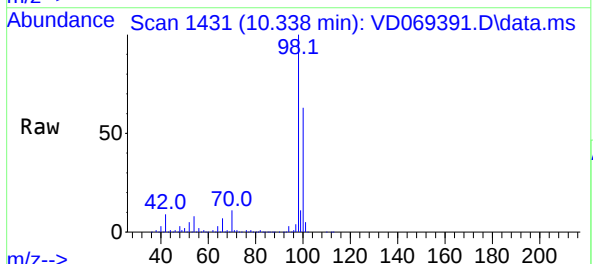
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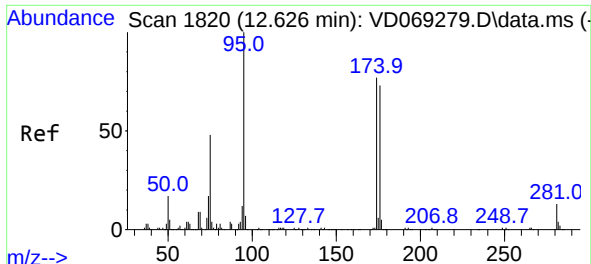
Tgt Ion:113 Resp: 194482
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.6
192 19.0 15.1 22.7



#50
Toluene-d8
Concen: 54.416 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

Tgt Ion: 98 Resp: 632344
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

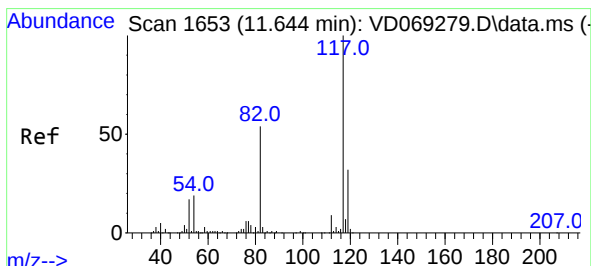
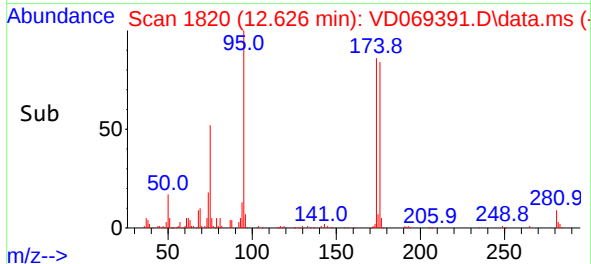
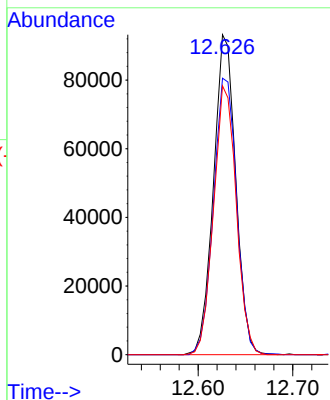
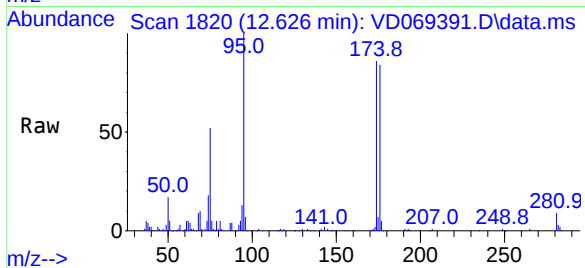




#62
4-Bromofluorobenzene
Concen: 40.004 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

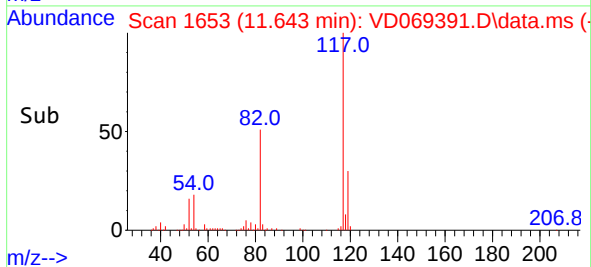
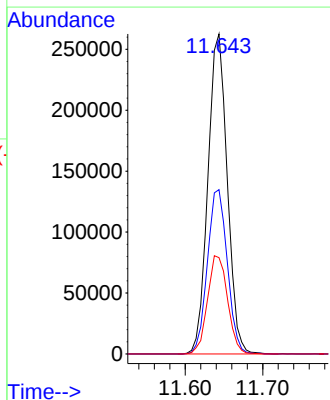
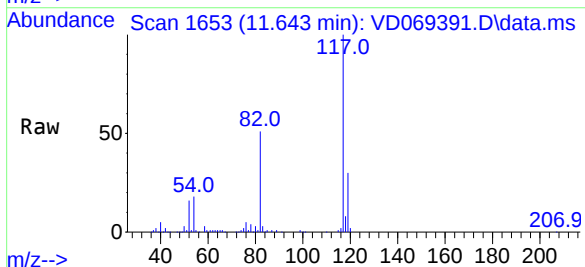
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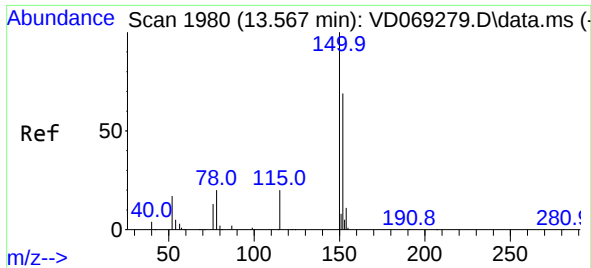
Tgt Ion:	95	Resp:	152325
Ion Ratio	Lower	Upper	
95	100		
174	90.2	0.0	162.8
176	85.7	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069391.D
Acq: 08 Jun 2021 14:50

Tgt Ion:	117	Resp:	455351
Ion Ratio	Lower	Upper	
117	100		
82	51.4	43.3	64.9
119	30.1	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069391.D
 Acq: 08 Jun 2021 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(14-18)

Tgt Ion:152 Resp: 144574

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.4	88.3
150	156.8	0.0	355.0

