

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069259.D
 Acq On : 24 May 2021 16:47
 Operator : VA/SY
 Sample : M2479-04
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MIXED-SUBBASE-GROUND-4-10-D

Quant Time: May 25 00:56:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

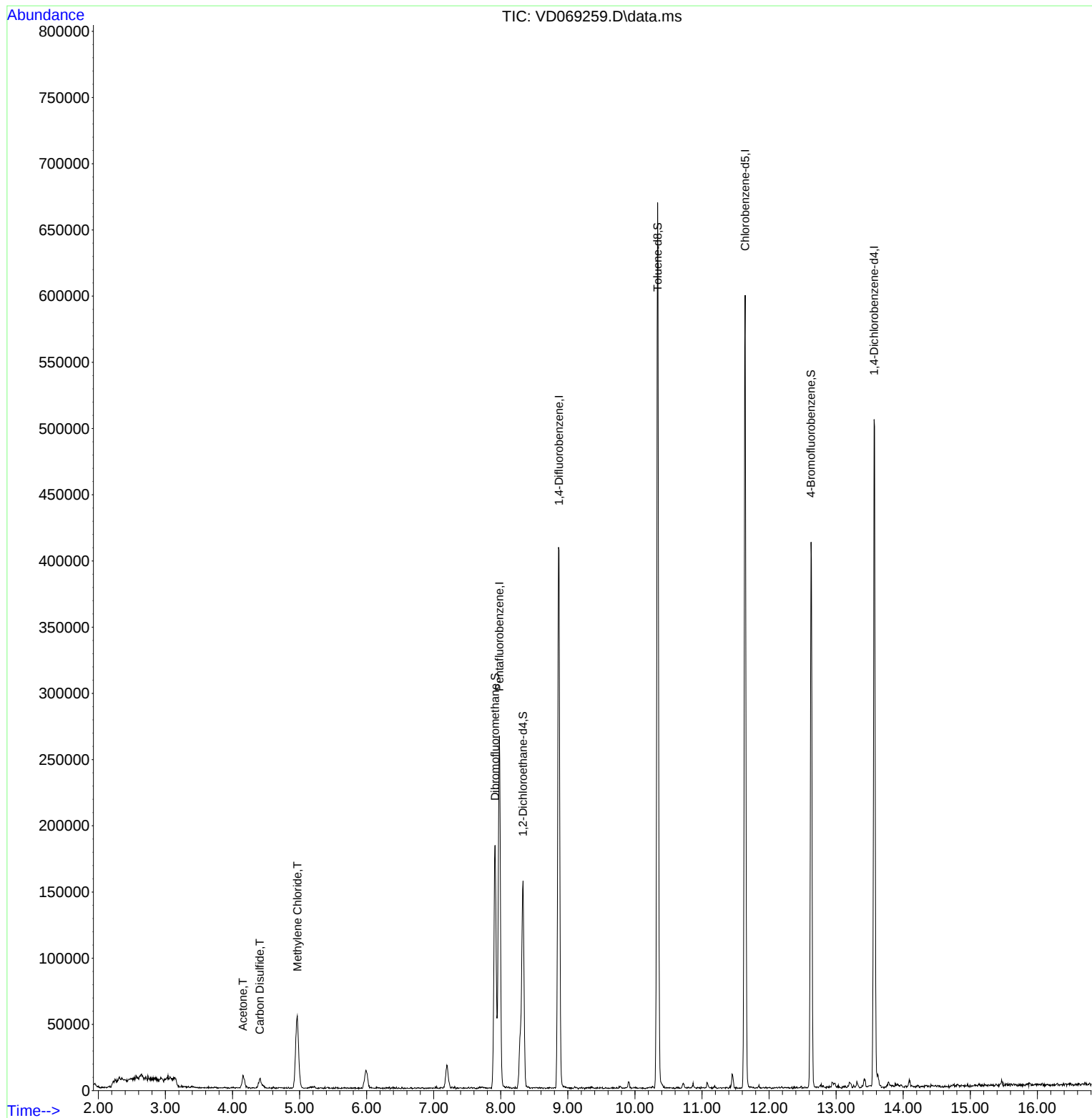
Internal Standards						
1) Pentafluorobenzene	7.979	168	190875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	363623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	343301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	136486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120635	63.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.08%
35) Dibromofluoromethane	7.914	113	134334	56.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.54%
50) Toluene-d8	10.338	98	456123	52.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.92%
62) 4-Bromofluorobenzene	12.626	95	127145	45.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.88%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	15453	52.73	ug/l #	72
17) Carbon Disulfide	4.409	76	13847	2.19	ug/l #	89
20) Methylene Chloride	4.967	84	45800	12.38	ug/l	96

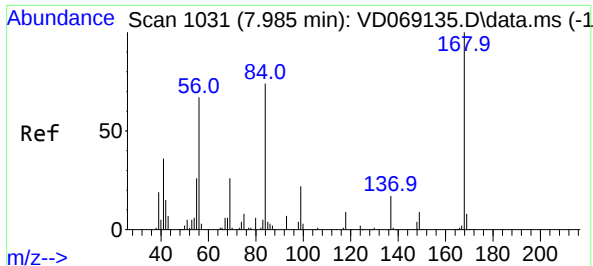
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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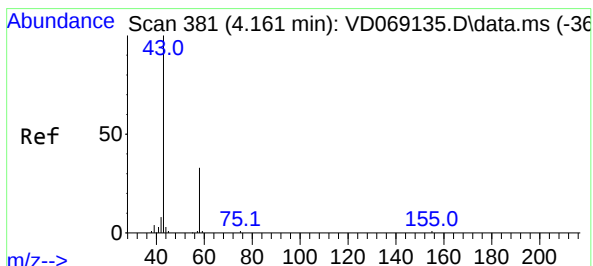
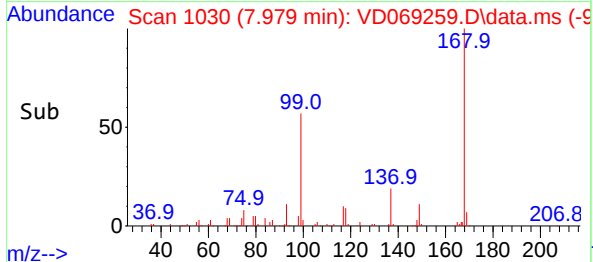
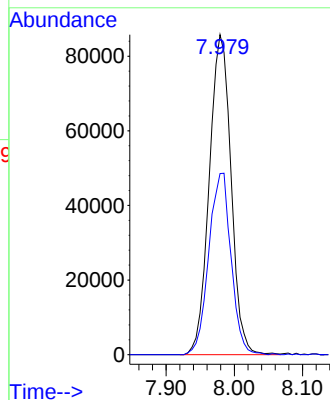
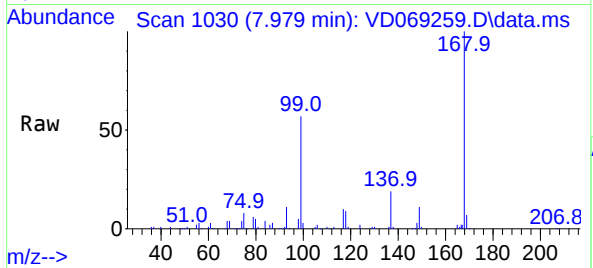




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

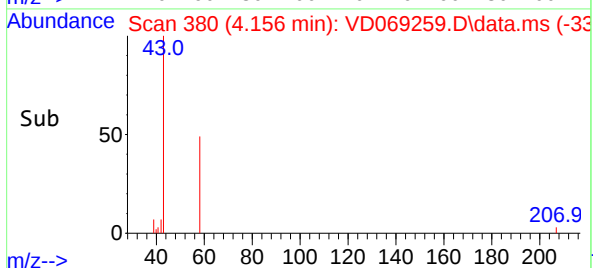
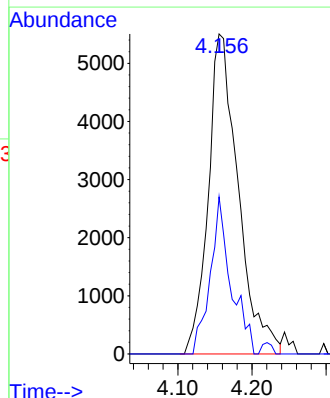
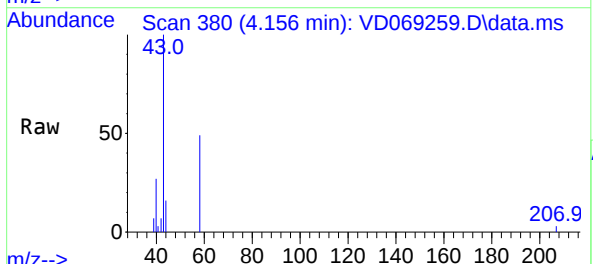
Instrument :
MSVOA_D
ClientSampleId :
MIXED-SUBBASE-GROUND-4-10-D

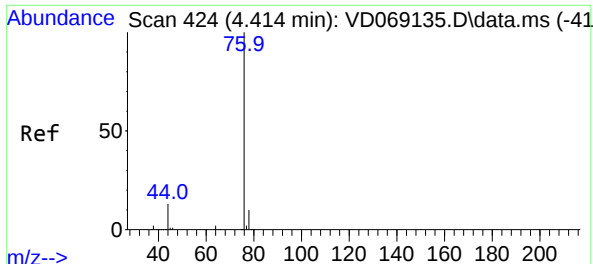
Tgt Ion:168 Resp: 190875
Ion Ratio Lower Upper
168 100
99 56.6 47.2 70.8



#16
Acetone
Concen: 52.73 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

Tgt Ion: 43 Resp: 15453
Ion Ratio Lower Upper
43 100
58 49.1 26.7 40.1#

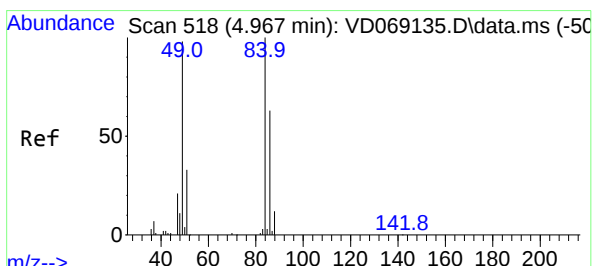
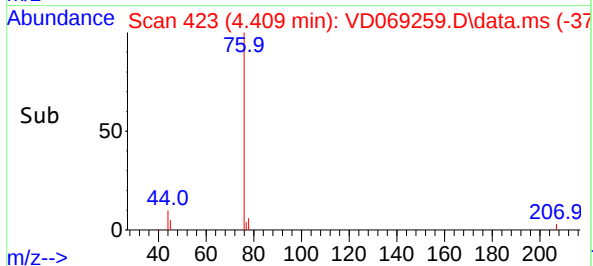
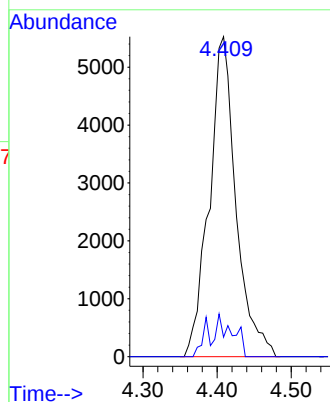
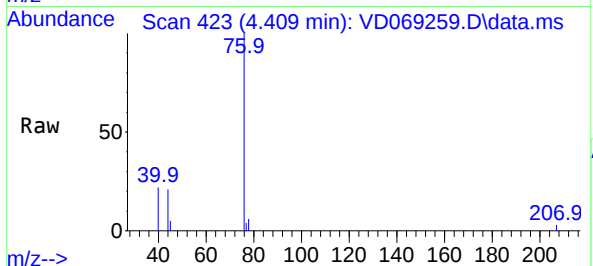




#17
Carbon Disulfide
Concen: 2.19 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

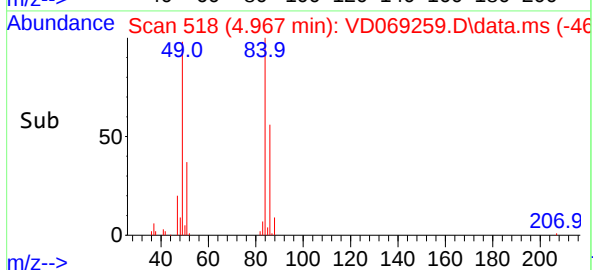
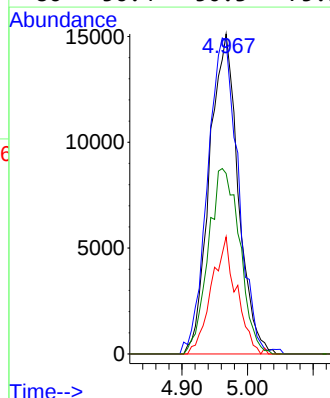
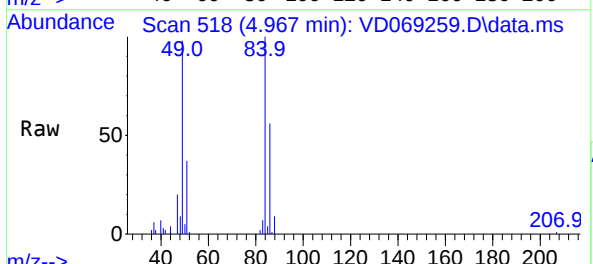
Instrument :
MSVOA_D
ClientSampleId :
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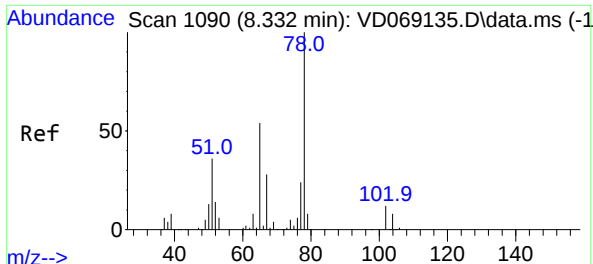
Tgt Ion: 76 Resp: 13847
Ion Ratio Lower Upper
76 100
78 6.1 8.1 12.1#



#20
Methylene Chloride
Concen: 12.38 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

Tgt Ion: 84 Resp: 45800
Ion Ratio Lower Upper
84 100
49 97.8 78.6 117.8
51 36.6 26.7 40.1
86 56.4 50.3 75.5

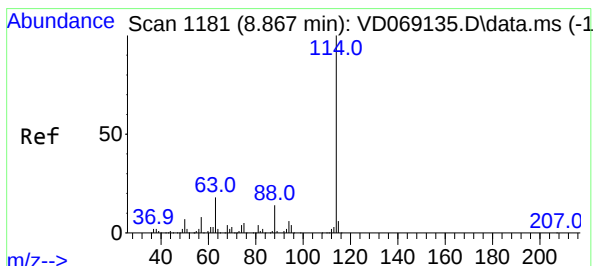
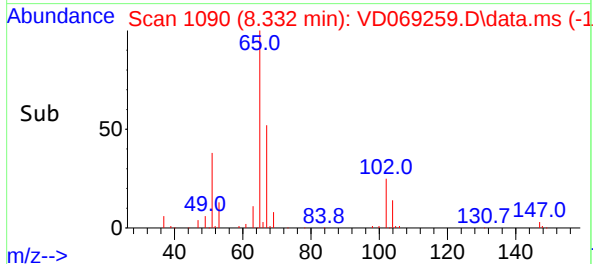
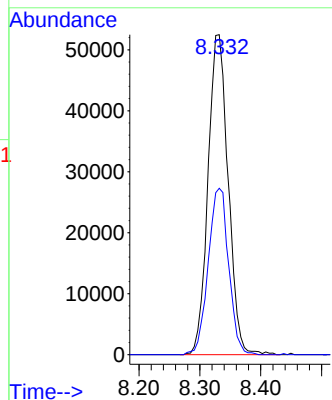
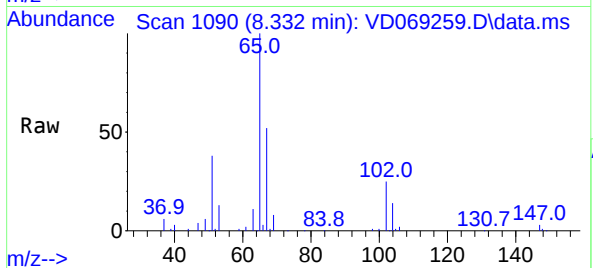




#33
1,2-Dichloroethane-d4
Concen: 63.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

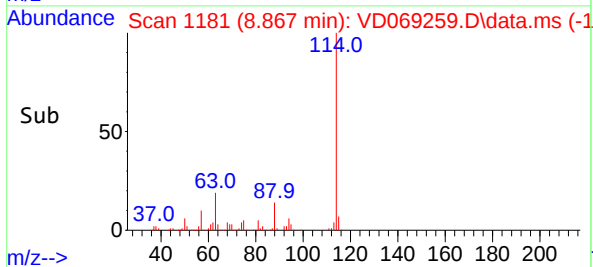
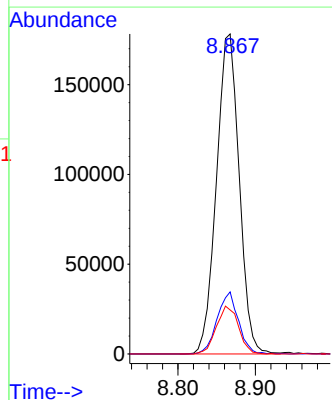
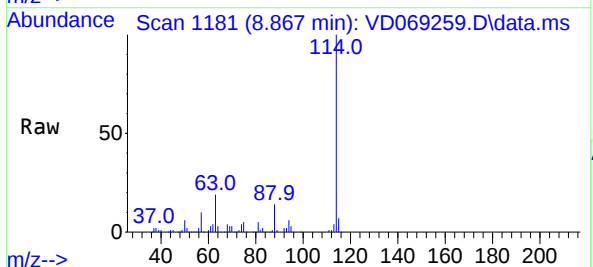
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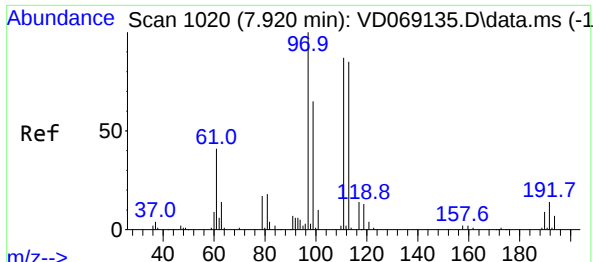
Tgt Ion: 65 Resp: 120635
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

Tgt Ion: 114 Resp: 363623
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 13.7 0.0 28.2

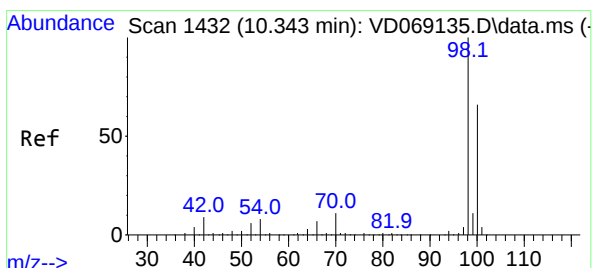
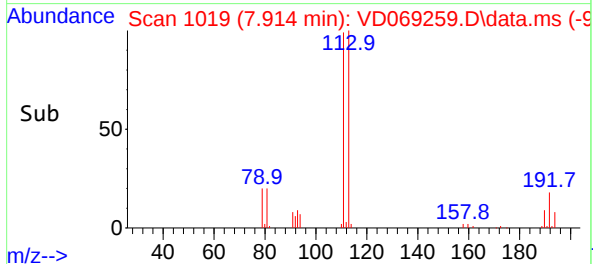
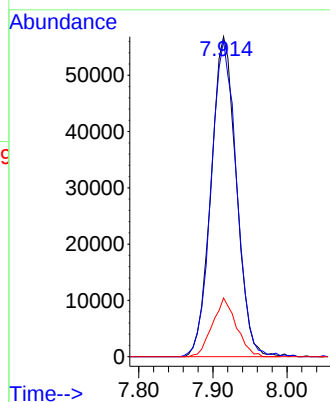
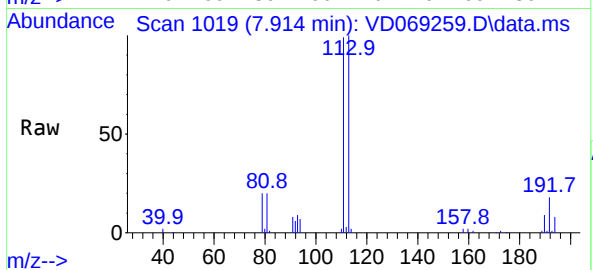




#35
Dibromofluoromethane
Concen: 56.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

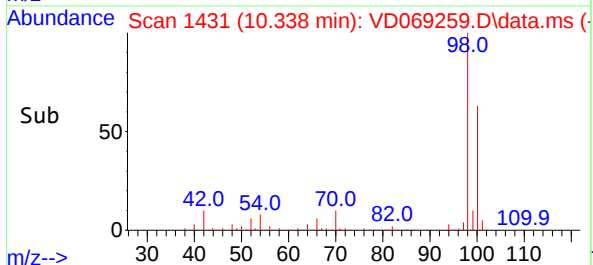
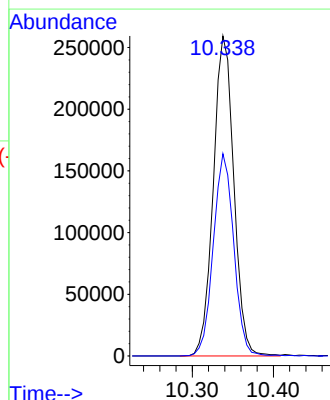
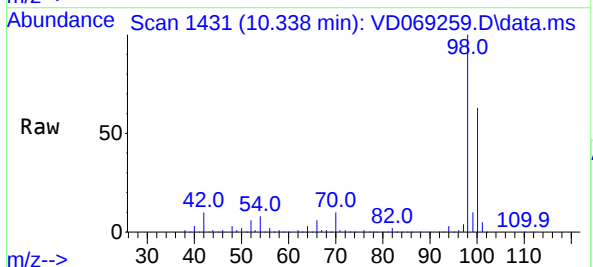
Instrument :
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ClientSampleId :
MIXED-SUBBASE-GROUND-4-10-D

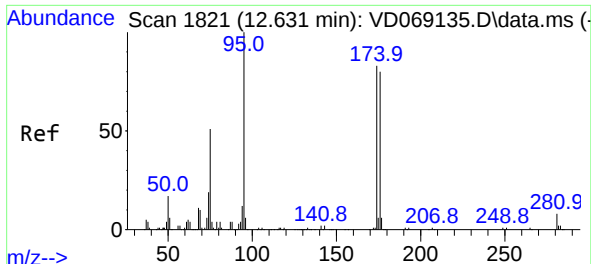
Tgt Ion:113 Resp: 134334
Ion Ratio Lower Upper
113 100
111 99.7 80.6 120.8
192 17.3 14.8 22.2



#50
Toluene-d8
Concen: 52.46 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

Tgt Ion: 98 Resp: 456123
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8

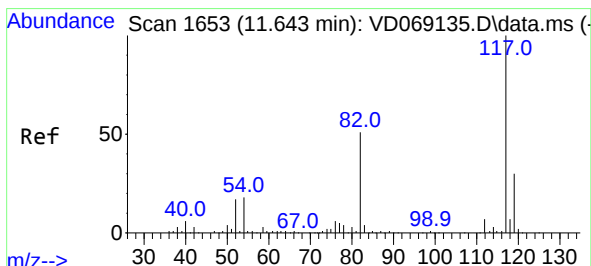
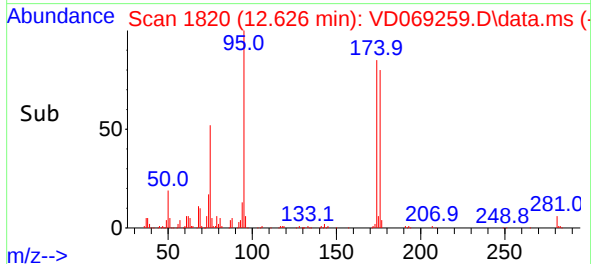
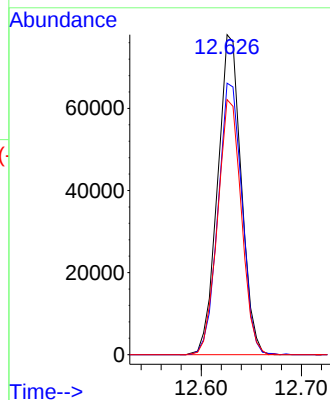
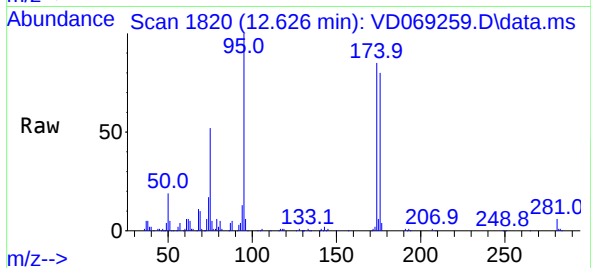




#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

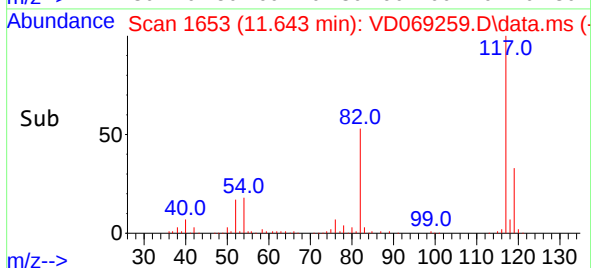
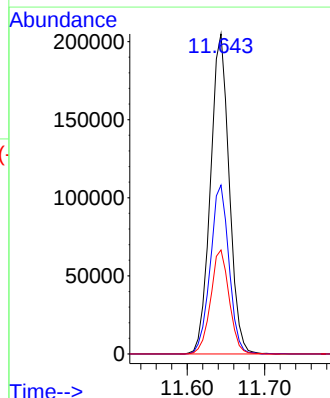
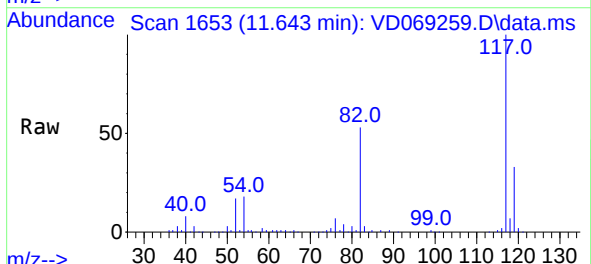
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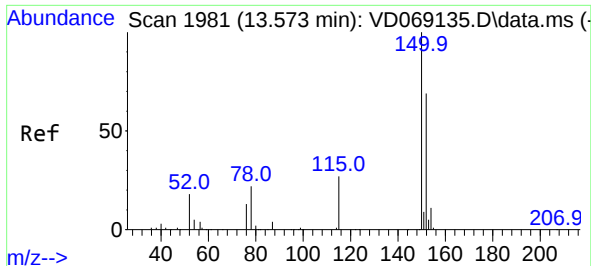
Tgt Ion:	95	Resp:	127145
Ion Ratio	Lower	Upper	
95	100		
174	86.0	0.0	171.8
176	80.4	0.0	165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069259.D
Acq: 24 May 2021 16:47

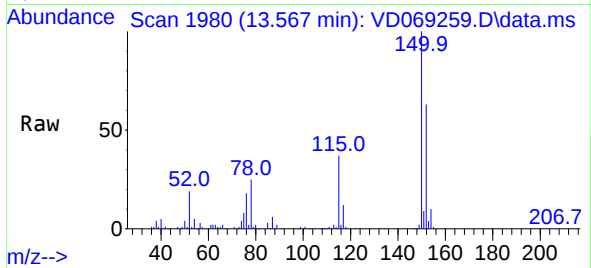
Tgt Ion:	117	Resp:	343301
Ion Ratio	Lower	Upper	
117	100		
82	52.8	40.5	60.7
119	32.5	24.2	36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069259.D
 Acq: 24 May 2021 16:47

Instrument :
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Tgt Ion:152 Resp: 136486
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.9 89.8
 150 159.0 0.0 350.2

