

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069257.D
 Acq On : 24 May 2021 15:50
 Operator : VA/SY
 Sample : M2479-02
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MIXED-SUBBASE-GROUND-1-15-D

Quant Time: May 25 00:56:17 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)

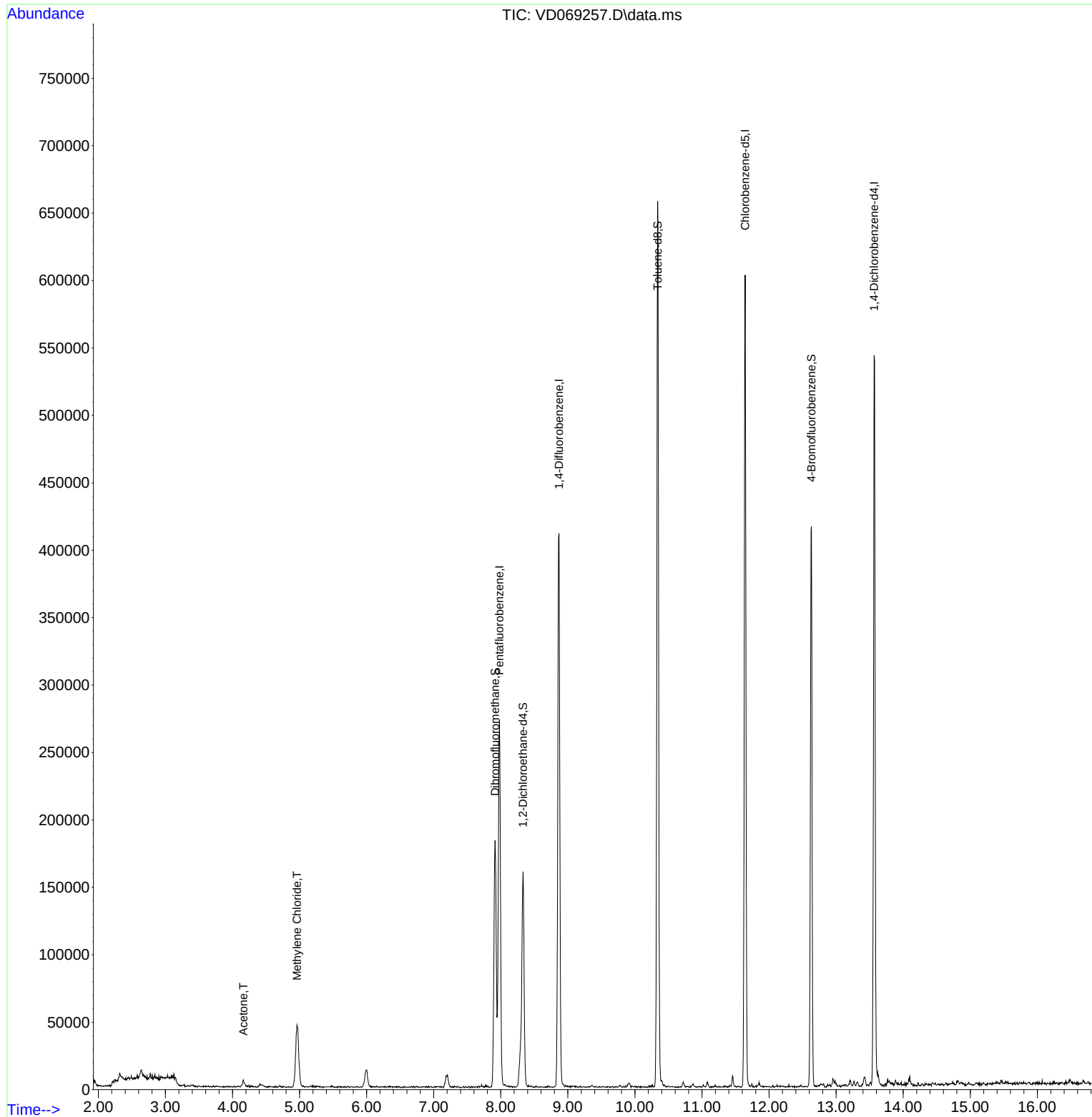
Internal Standards						
1) Pentafluorobenzene	7.979	168	200046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	372015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	346361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	151455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124668	62.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.32%
35) Dibromofluoromethane	7.914	113	136373	56.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.66%
50) Toluene-d8	10.338	98	459076	51.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.22%
62) 4-Bromofluorobenzene	12.632	95	133422	46.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.22%
Target Compounds						
16) Acetone	4.162	43	7699	25.07	ug/l	97
20) Methylene Chloride	4.962	84	39928	8.43	ug/l	97

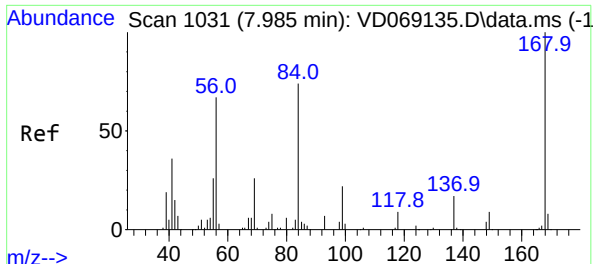
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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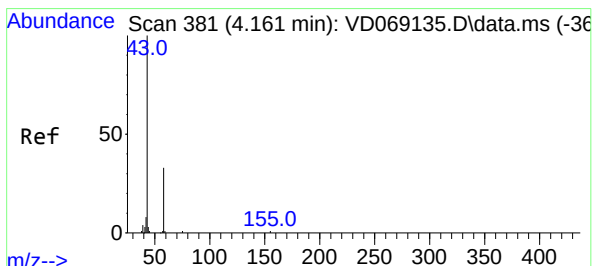
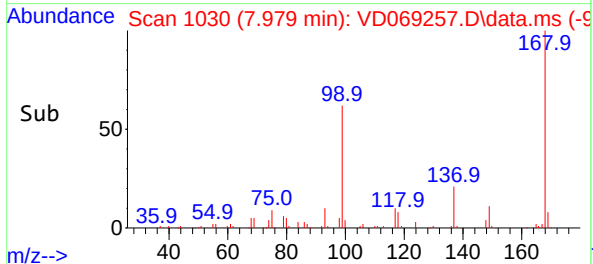
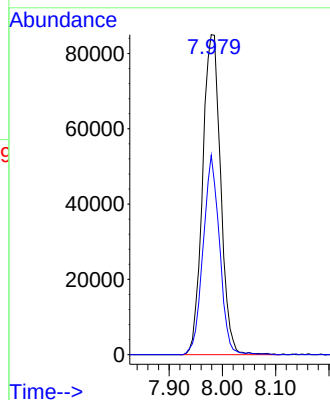
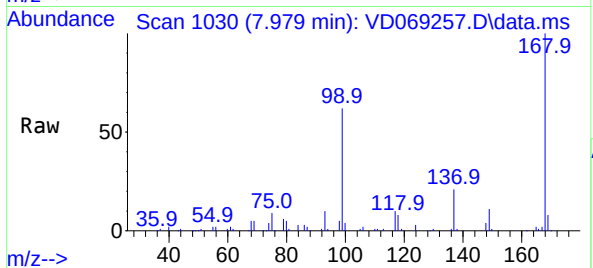




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

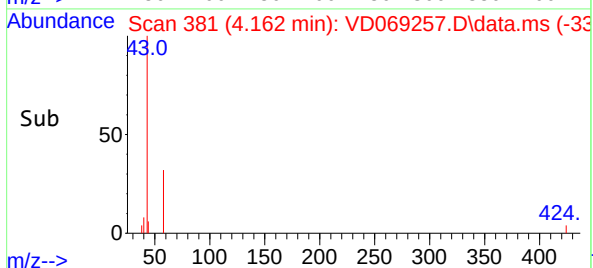
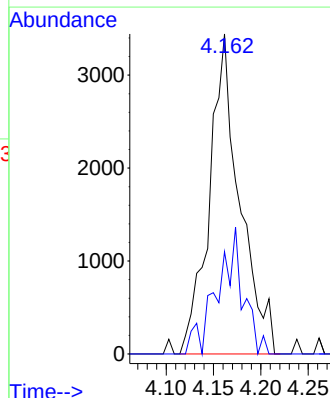
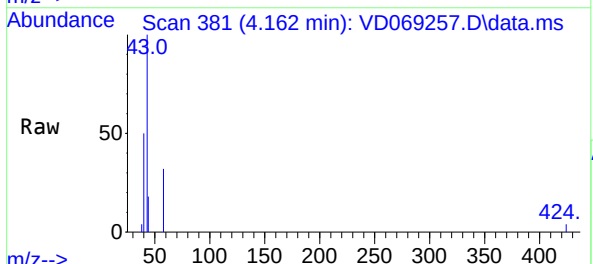
Instrument :
MSVOA_D
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

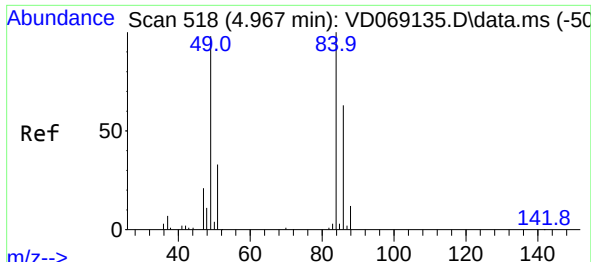
Tgt Ion:168 Resp: 200046
Ion Ratio Lower Upper
168 100
99 62.3 47.2 70.8



#16
Acetone
Concen: 25.07 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

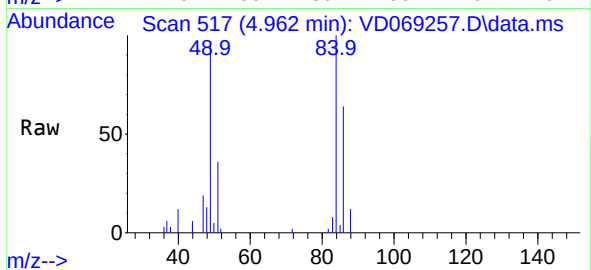
Tgt Ion: 43 Resp: 7699
Ion Ratio Lower Upper
43 100
58 31.9 26.7 40.1





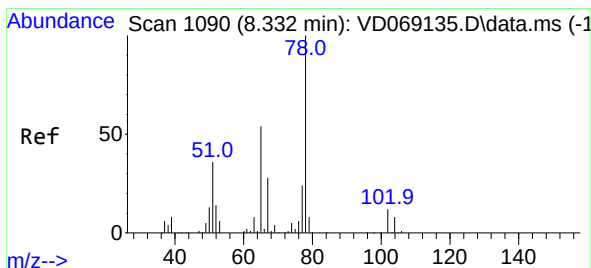
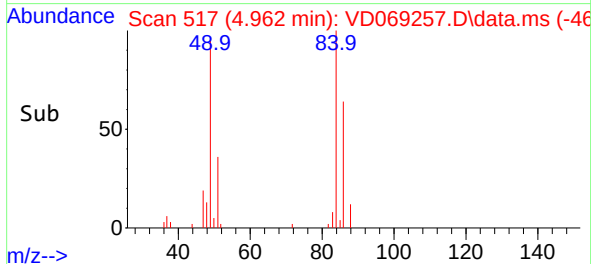
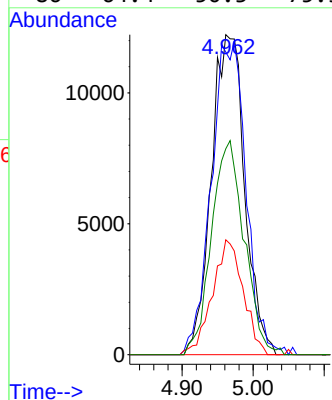
#20
Methylene Chloride
Concen: 8.43 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

Instrument :
MSVOA_D
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D



Tgt Ion: 84 Resp: 39928

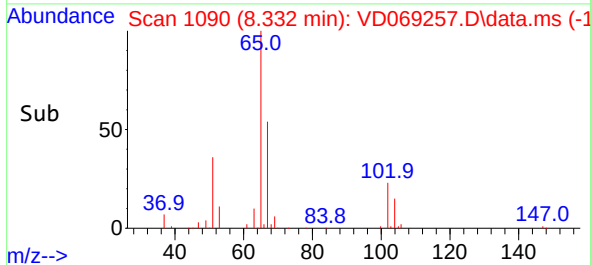
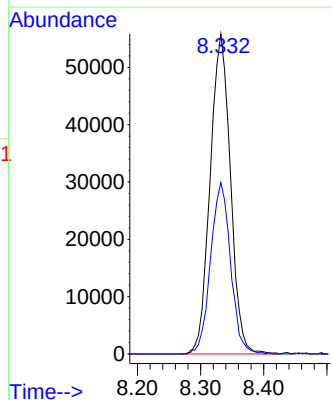
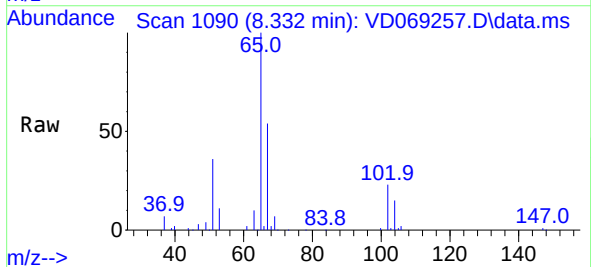
Ion	Ratio	Lower	Upper
84	100		
49	94.6	78.6	117.8
51	35.9	26.7	40.1
86	64.4	50.3	75.5

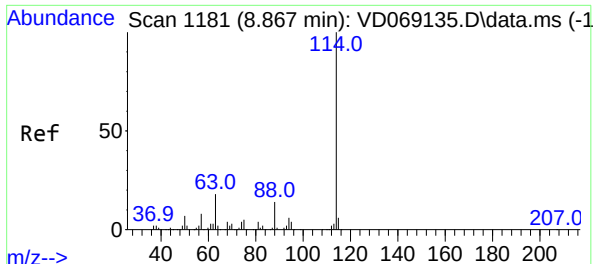


#33
1,2-Dichloroethane-d4
Concen: 62.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

Tgt Ion: 65 Resp: 124668

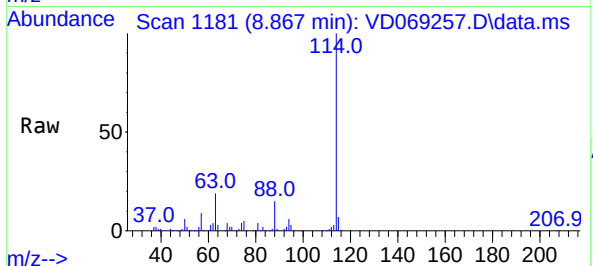
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	108.0





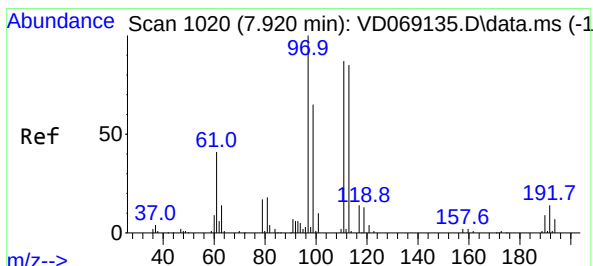
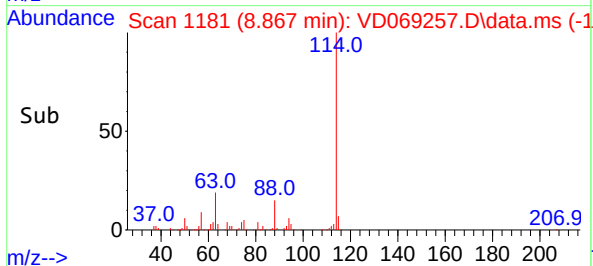
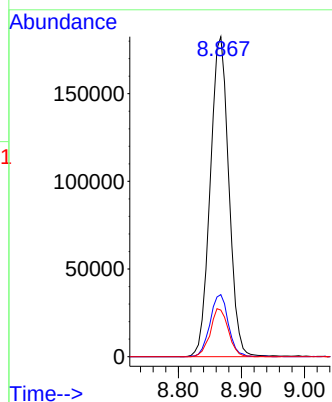
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

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MSVOA_D
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MIXED-SUBBASE-GROUND-1-15-D



Tgt Ion:114 Resp: 372015

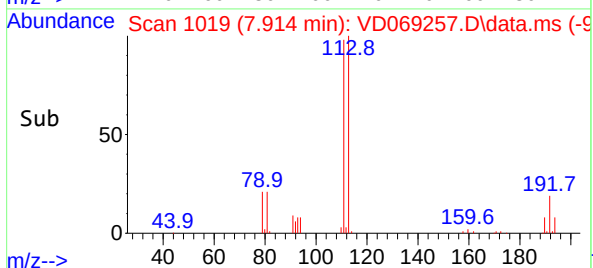
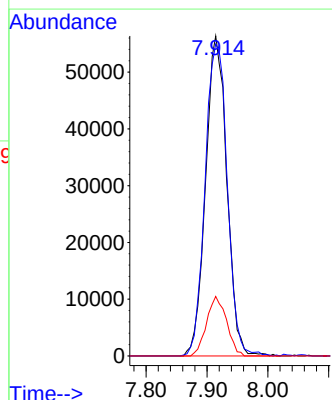
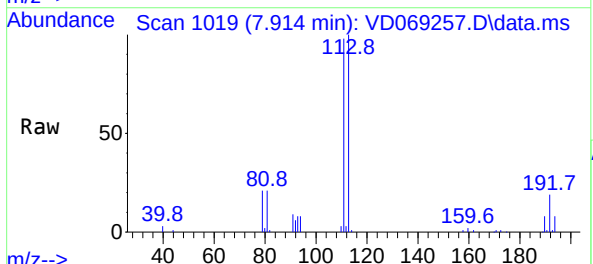
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	36.4
88	14.6	0.0	28.2

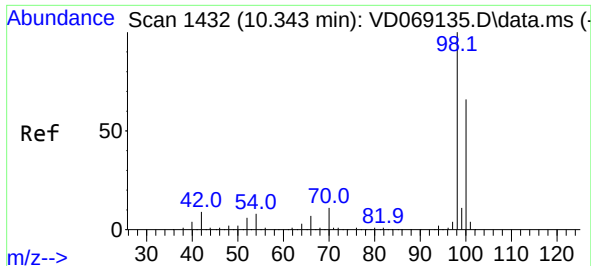


#35
Dibromofluoromethane
Concen: 56.33 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

Tgt Ion:113 Resp: 136373

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.6	120.8
192	17.6	14.8	22.2

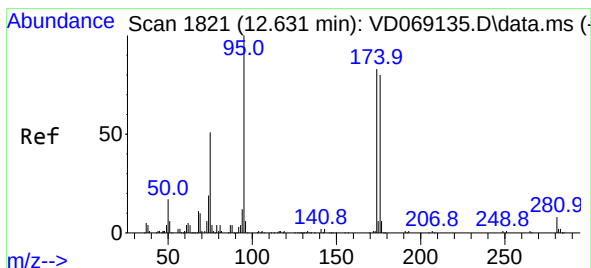
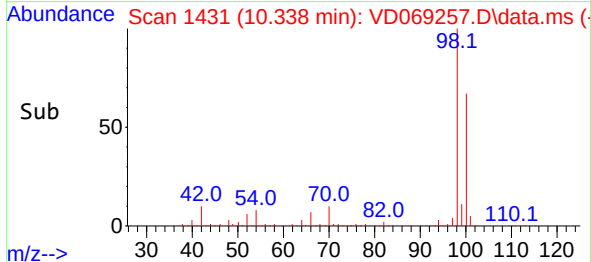
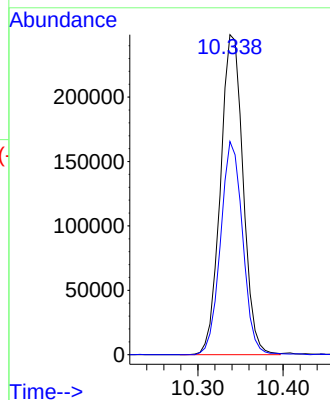
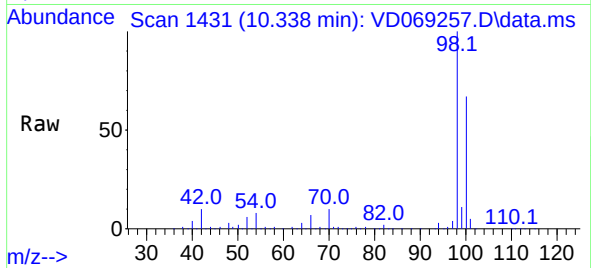




#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

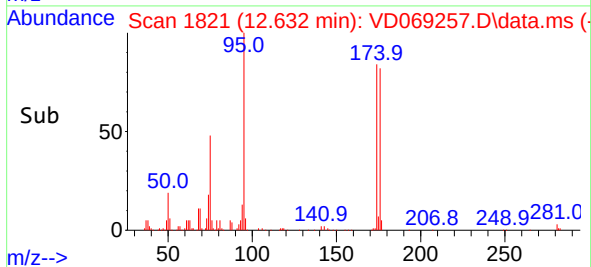
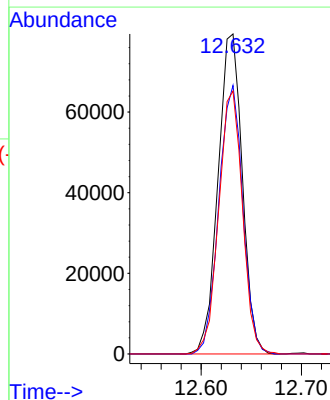
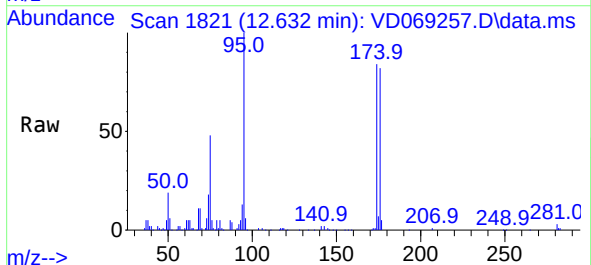
Instrument :
MSVOA_D
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

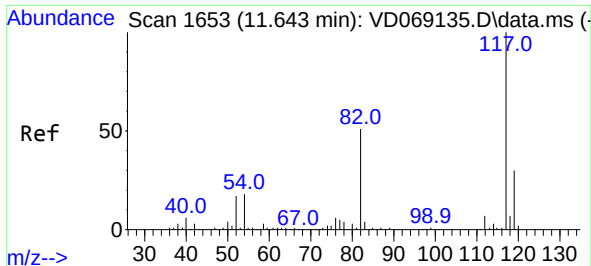
Tgt Ion: 98 Resp: 459076
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 46.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

Tgt Ion: 95 Resp: 133422
Ion Ratio Lower Upper
95 100
174 82.9 0.0 171.8
176 80.3 0.0 165.4

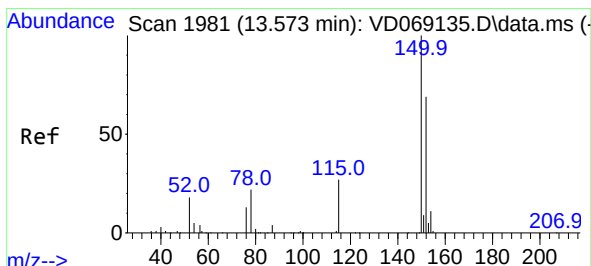
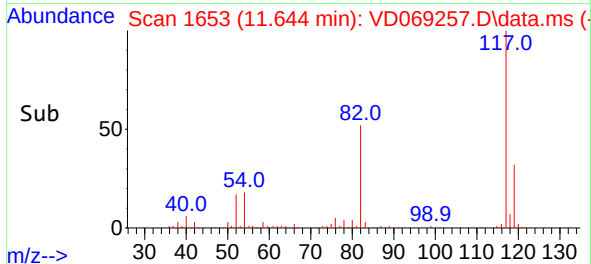
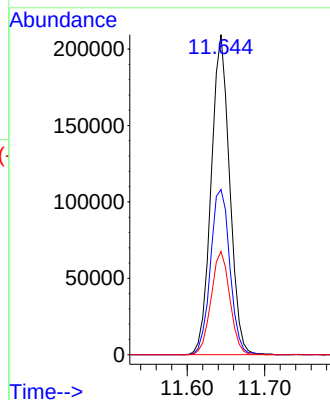
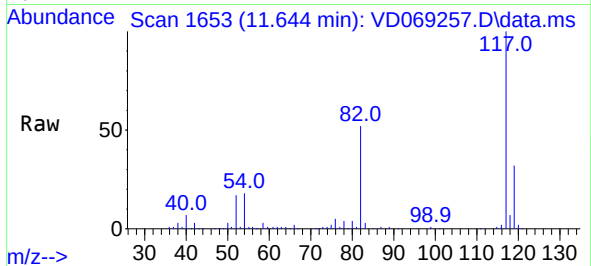




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069257.D
Acq: 24 May 2021 15:50

Instrument :
MSVOA_D
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

Tgt Ion:	117	Resp:	346361
Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.5	60.7
119	32.2	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: VD069257.D
Acq: 24 May 2021 15:50

Tgt Ion:	152	Resp:	151455
Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.9	89.8
150	153.5	0.0	350.2

