

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069254.D
 Acq On : 24 May 2021 14:24
 Operator : VA/SY
 Sample : M2485-01
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-052121

Quant Time: May 25 00:55:33 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)

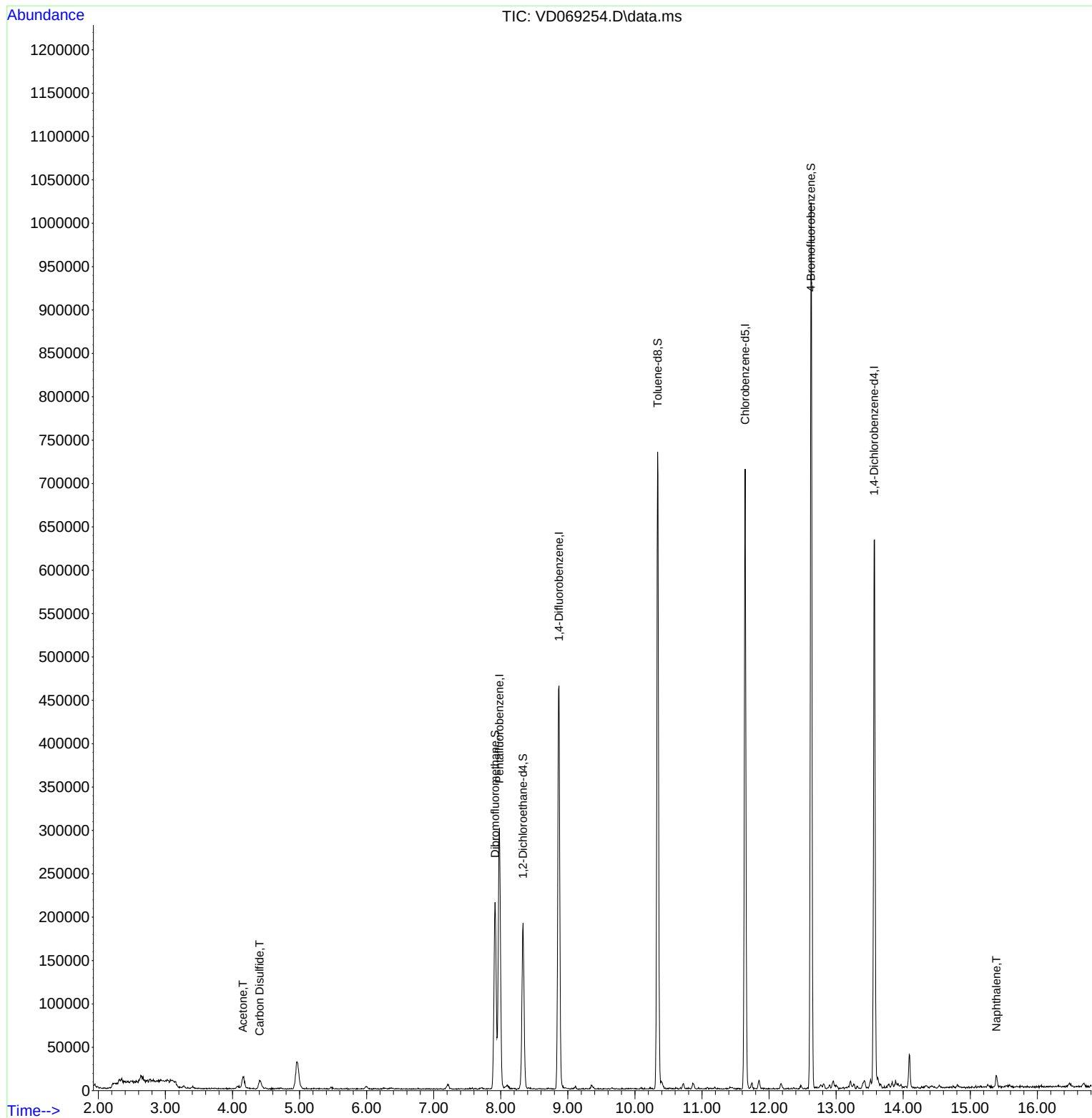
Internal Standards						
1) Pentafluorobenzene	7.979	168	220994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	413424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	395881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	172016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	145691	65.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.52%
35) Dibromofluoromethane	7.914	113	149121	55.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.86%
50) Toluene-d8	10.338	98	512207	51.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.62%
62) 4-Bromofluorobenzene	12.626	95	176418	55.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.92%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	23936	70.54	ug/l	89
17) Carbon Disulfide	4.403	76	18821	2.57	ug/l	96
95) Naphthalene	15.390	128	12057	4.10	ug/l	97

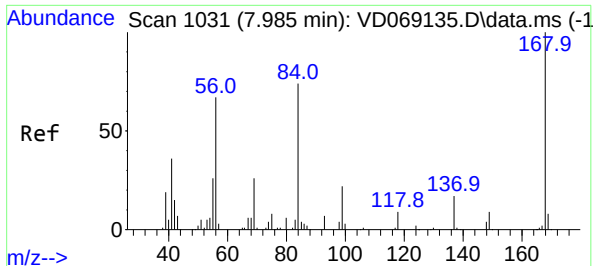
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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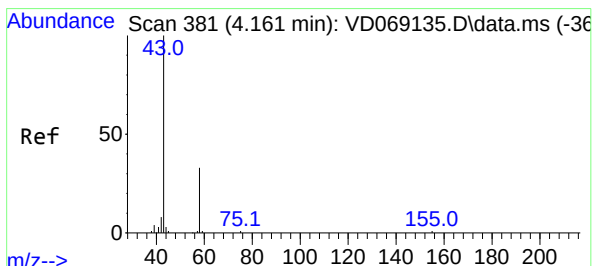
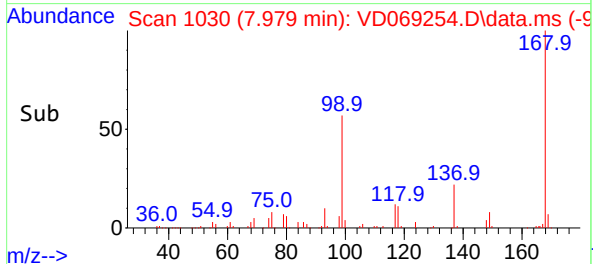
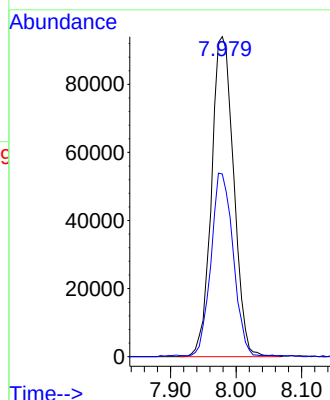
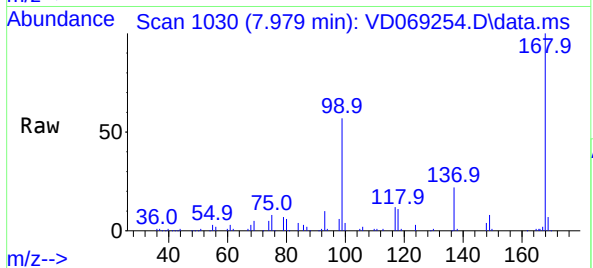




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

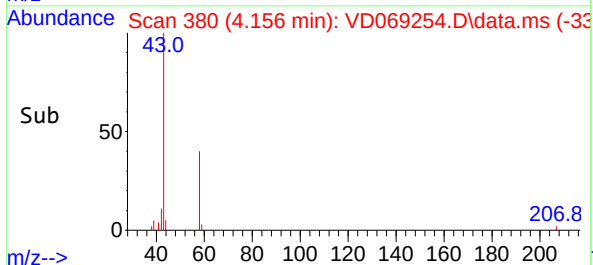
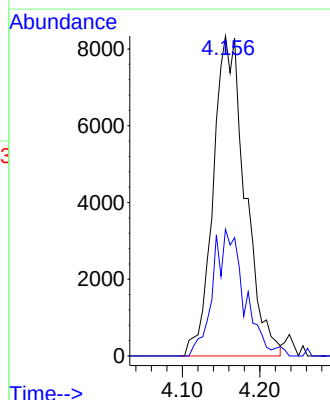
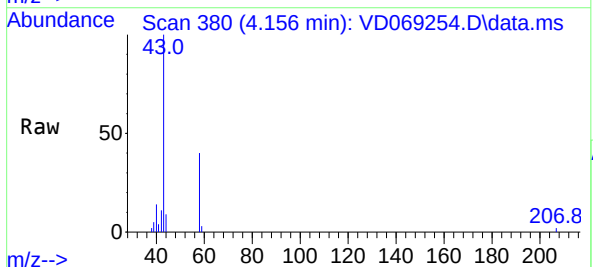
Instrument :
MSVOA_D
ClientSampleId :
CL-01-052121

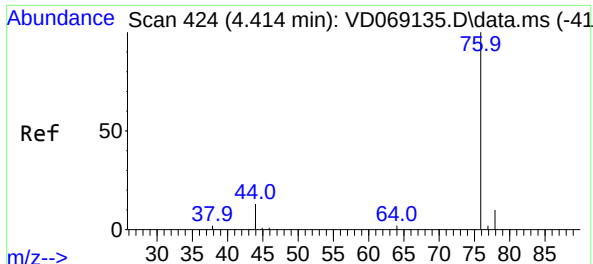
Tgt Ion:168 Resp: 220994
Ion Ratio Lower Upper
168 100
99 56.8 47.2 70.8



#16
Acetone
Concen: 70.54 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

Tgt Ion: 43 Resp: 23936
Ion Ratio Lower Upper
43 100
58 39.6 26.7 40.1





#17

Carbon Disulfide

Concen: 2.57 ug/l

RT: 4.403 min Scan# 422

Delta R.T. -0.012 min

Lab File: VD069254.D

Acq: 24 May 2021 14:24

Instrument :

MSVOA_D

ClientSampleId :

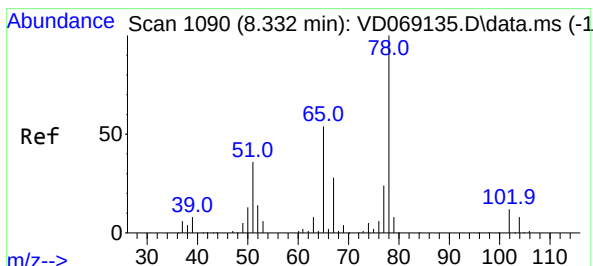
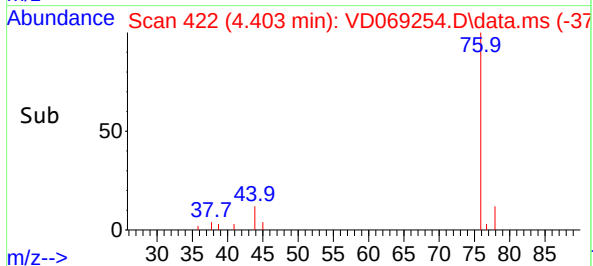
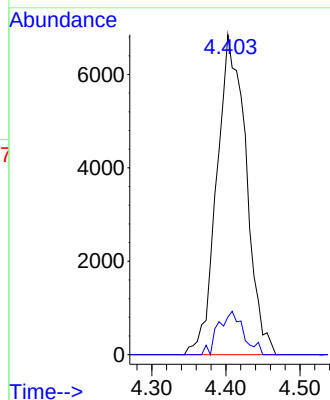
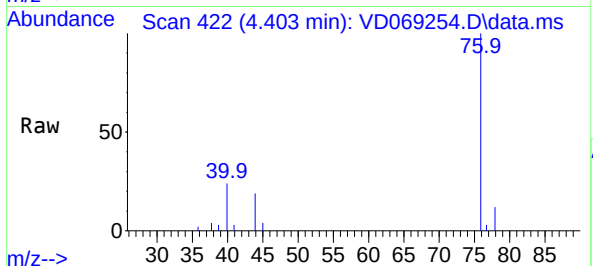
CL-01-052121

Tgt Ion: 76 Resp: 18821

Ion Ratio Lower Upper

76 100

78 11.7 8.1 12.1



#33

1,2-Dichloroethane-d4

Concen: 65.76 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD069254.D

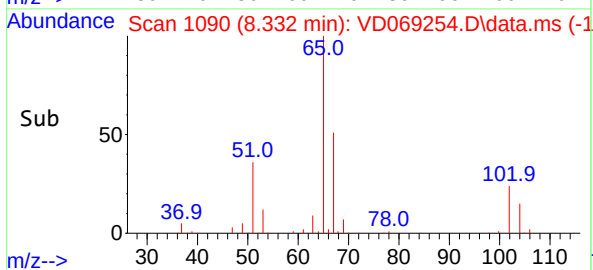
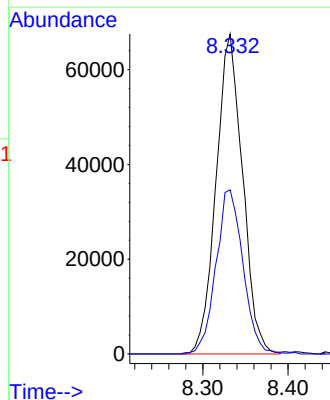
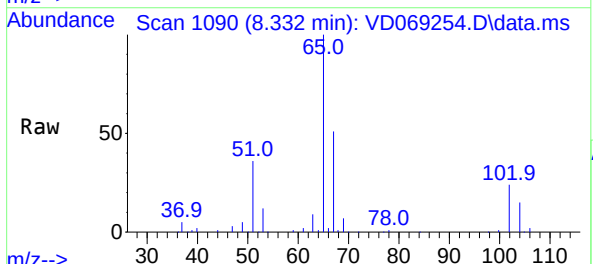
Acq: 24 May 2021 14:24

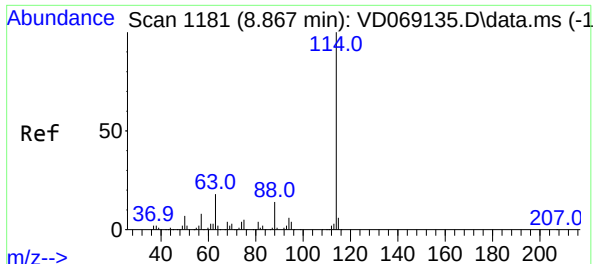
Tgt Ion: 65 Resp: 145691

Ion Ratio Lower Upper

65 100

67 52.3 0.0 108.0





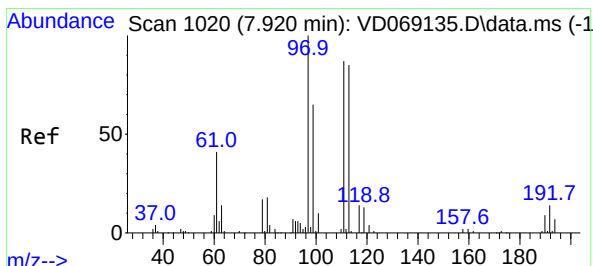
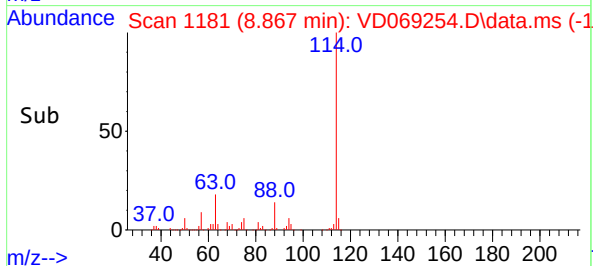
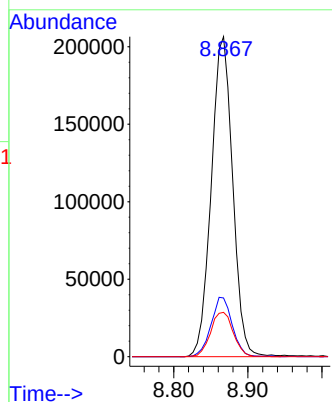
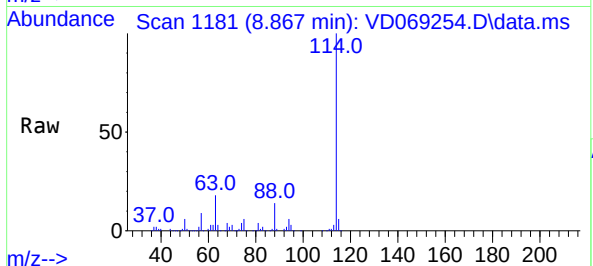
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

Instrument :
MSVOA_D
ClientSampleId :
CL-01-052121

Tgt Ion:114 Resp: 413424

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.4
88	13.8	0.0	28.2

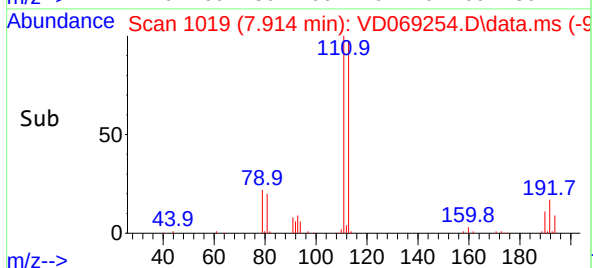
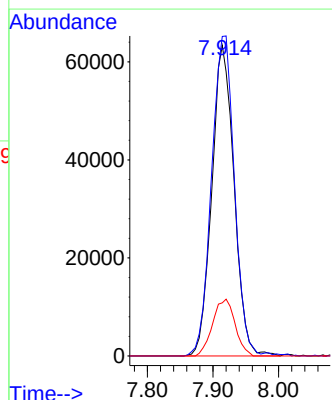
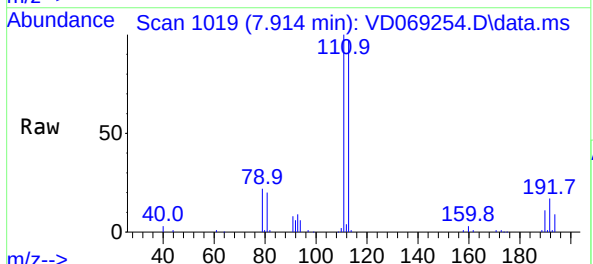


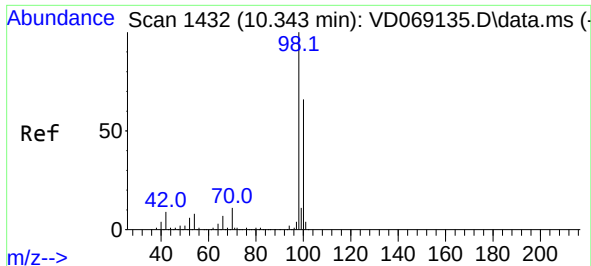
#35

Dibromofluoromethane
Concen: 55.43 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

Tgt Ion:113 Resp: 149121

Ion	Ratio	Lower	Upper
113	100		
111	106.4	80.6	120.8
192	18.5	14.8	22.2

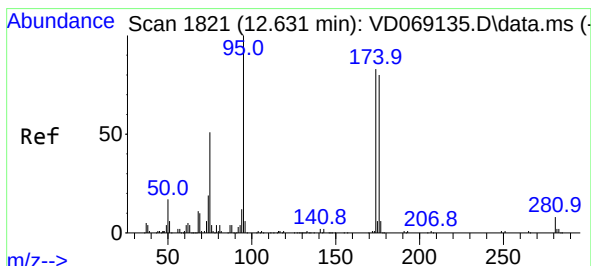
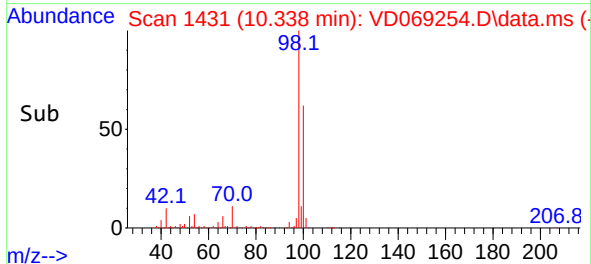
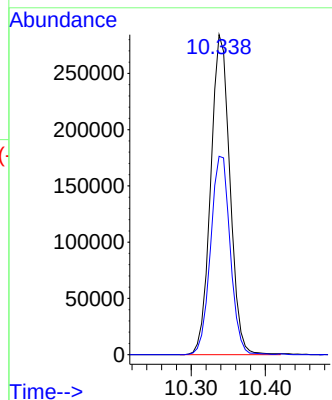
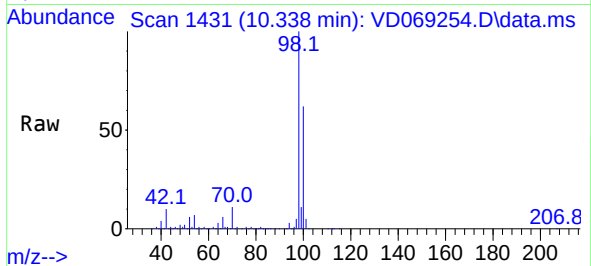




#50
Toluene-d8
Concen: 51.81 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

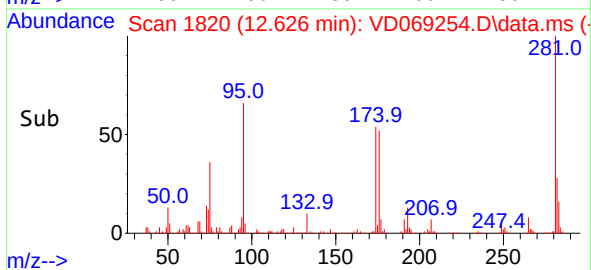
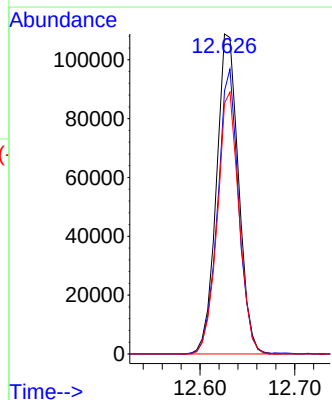
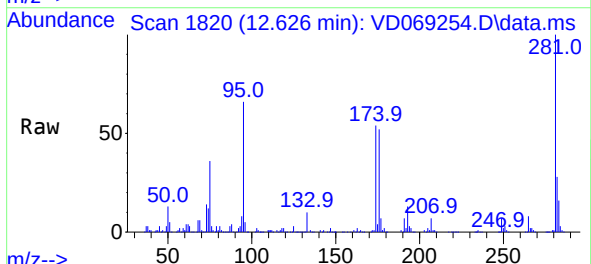
Instrument :
MSVOA_D
ClientSampleId :
CL-01-052121

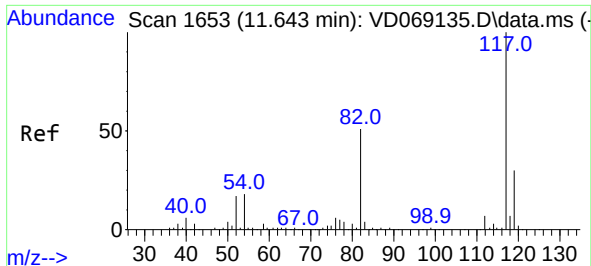
Tgt Ion: 98 Resp: 512207
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 55.46 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

Tgt Ion: 95 Resp: 176418
Ion Ratio Lower Upper
95 100
174 84.8 0.0 171.8
176 80.2 0.0 165.4

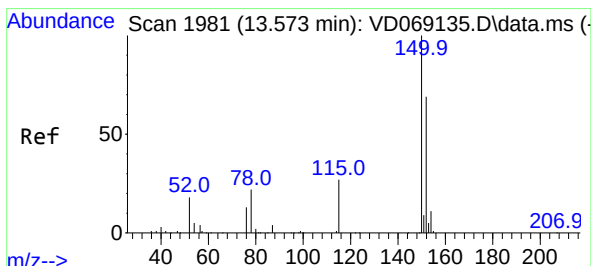
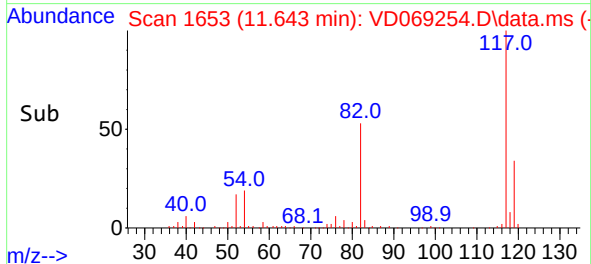
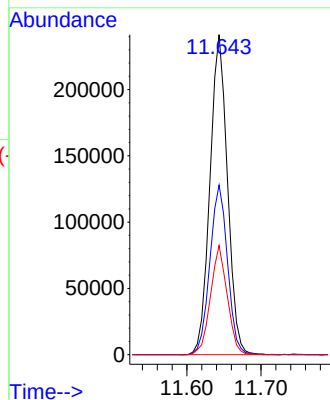
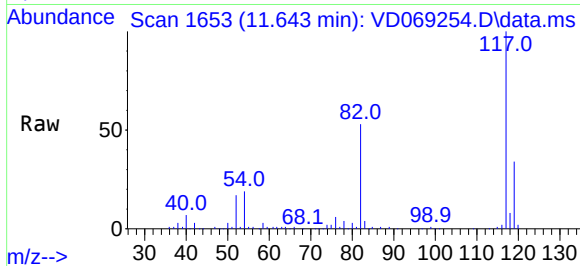




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

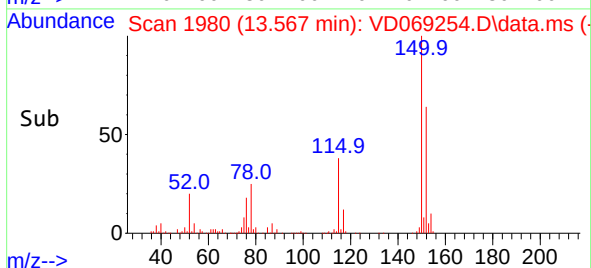
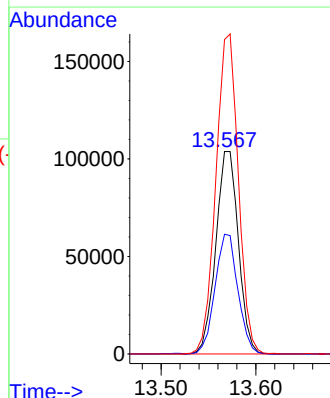
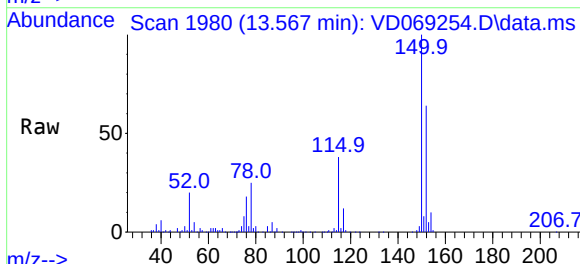
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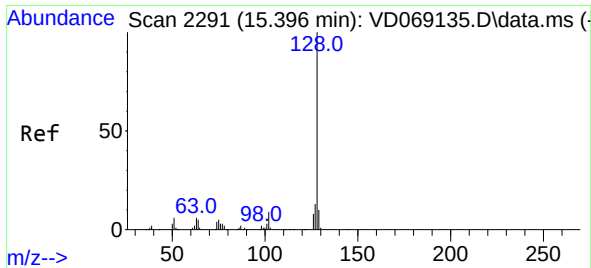
Tgt Ion:117 Resp: 395881
Ion Ratio Lower Upper
117 100
82 53.0 40.5 60.7
119 34.1 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

Tgt Ion:152 Resp: 172016
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.8
150 157.4 0.0 350.2





#95
Naphthalene
Concen: 4.10 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069254.D
Acq: 24 May 2021 14:24

Instrument :
MSVOA_D
ClientSampleId :
CL-01-052121

Tgt Ion:	128	Resp:	12057
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	10.2	8.9	13.3

