

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078105.D
 Acq On : 29 Dec 2023 13:48
 Operator : RP/MD
 Sample : 06034-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-122723

Quant Time: Dec 29 15:19:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

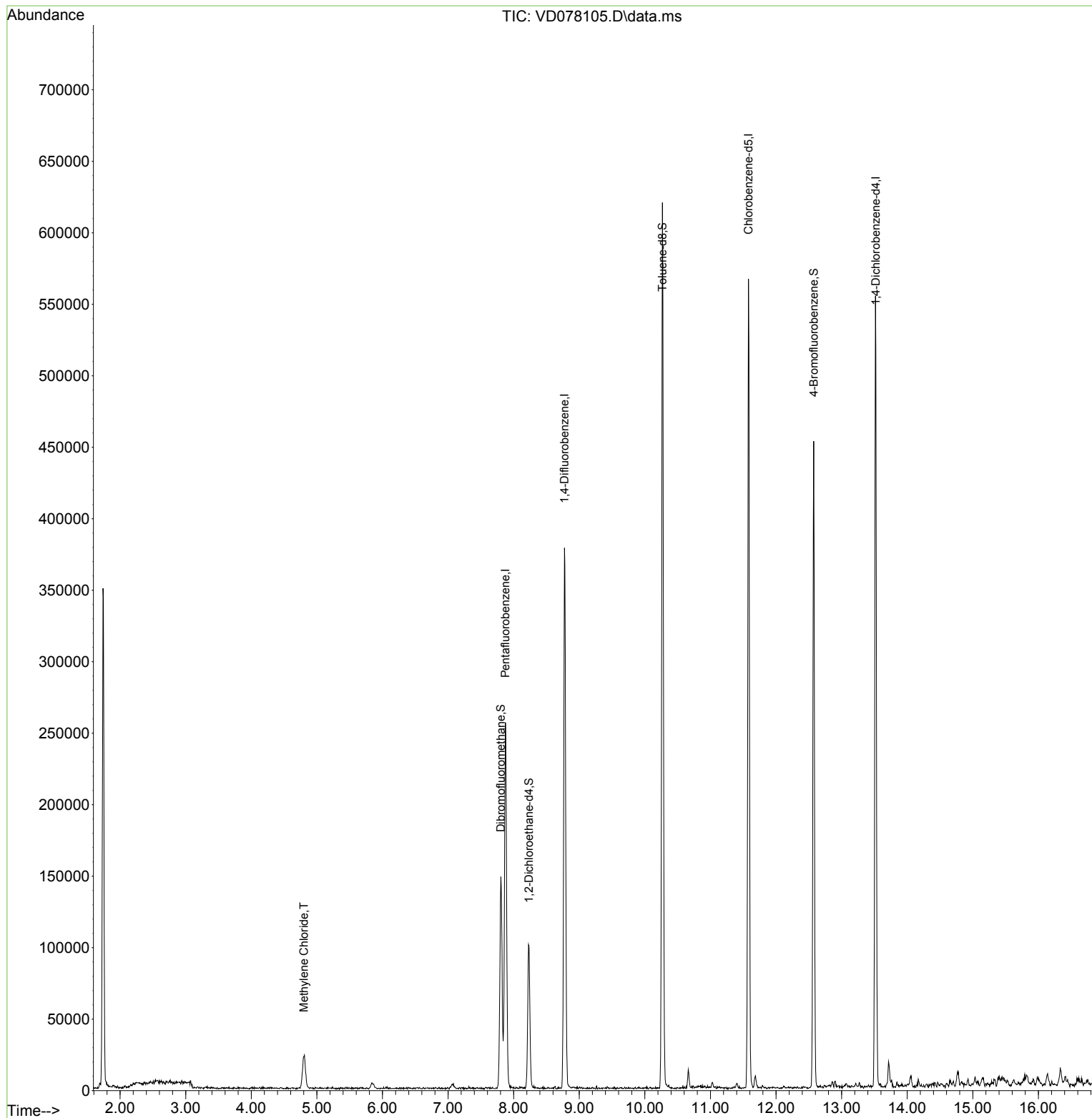
Internal Standards						
1) Pentafluorobenzene	7.875	168	202414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	341720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	156104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79136	43.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.880%
35) Dibromofluoromethane	7.804	113	107979	47.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.269	98	436048	54.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.660%
62) 4-Bromofluorobenzene	12.575	95	125150	48.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.820%
Target Compounds						
20) Methylene Chloride	4.805	84	19076	5.832	ug/l	Qvalue 90

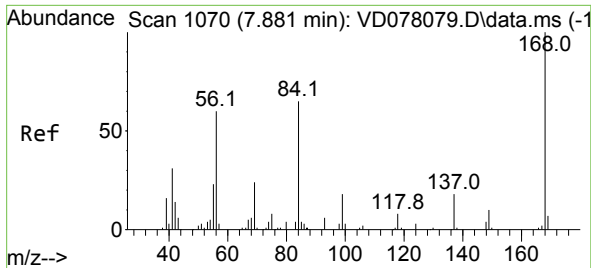
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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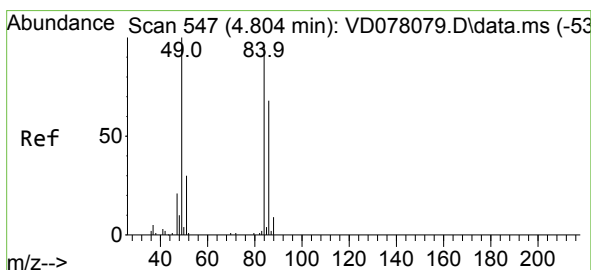
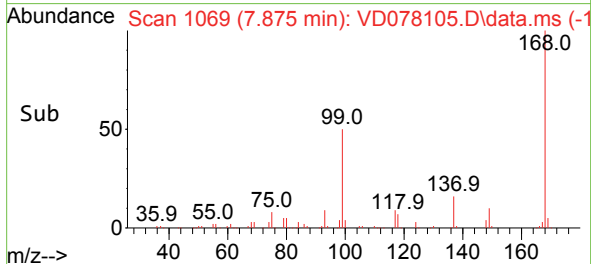
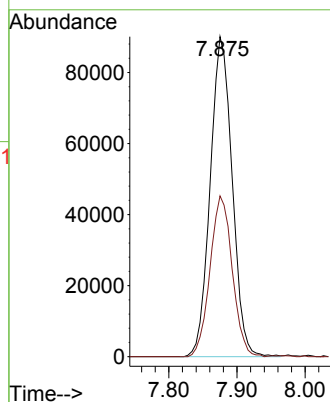
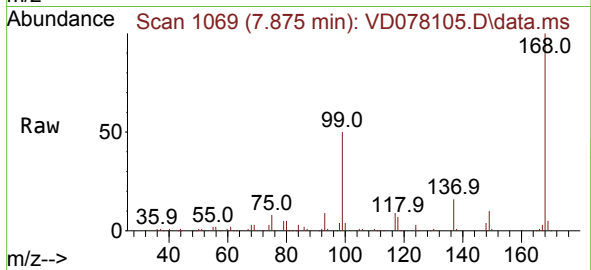




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078105.D
Acq: 29 Dec 2023 13:48

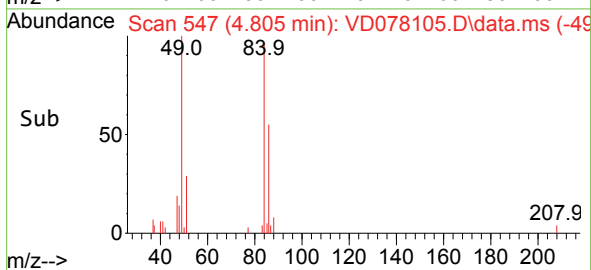
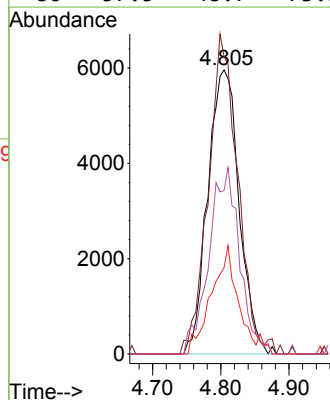
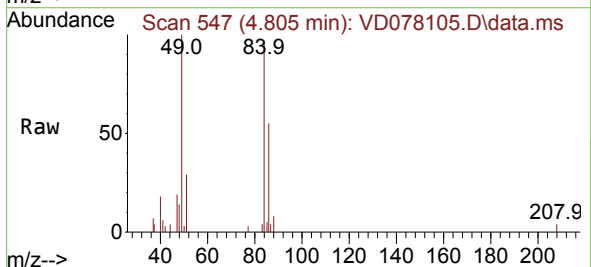
Instrument :
MSVOA_D
ClientSampleId :
EO-03-122723

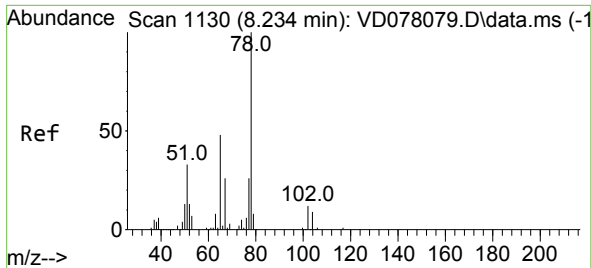
Tgt Ion:168 Resp: 202414
Ion Ratio Lower Upper
168 100
99 50.2 36.7 55.1



#20
Methylene Chloride
Concen: 5.832 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078105.D
Acq: 29 Dec 2023 13:48

Tgt Ion: 84 Resp: 19076
Ion Ratio Lower Upper
84 100
49 104.6 71.4 107.2
51 30.4 24.5 36.7
86 57.5 48.7 73.1

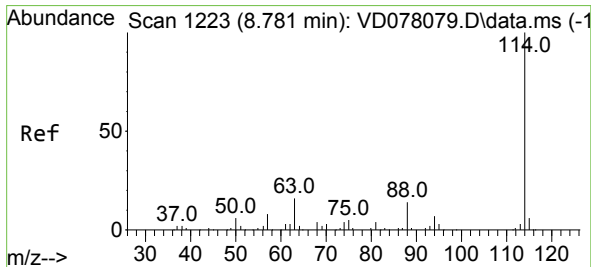
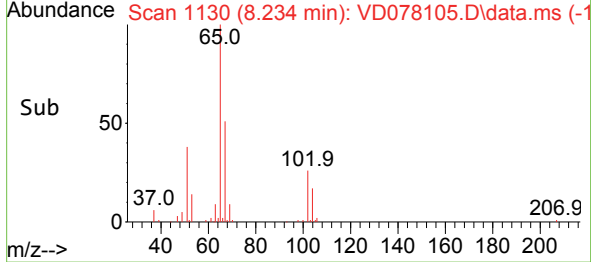
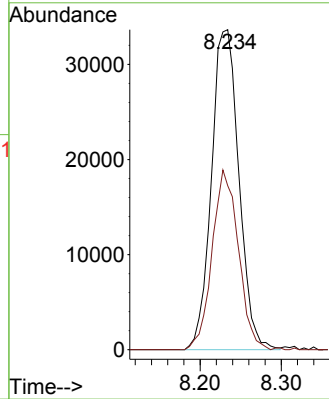
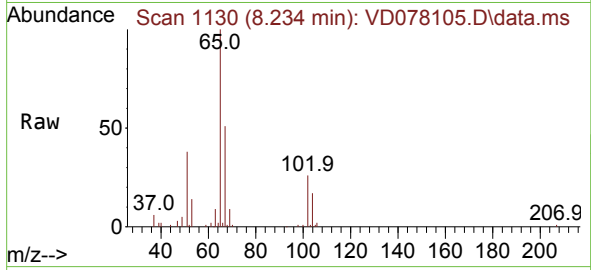




#33
1,2-Dichloroethane-d4
Concen: 43.939 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078105.D
Acq: 29 Dec 2023 13:48

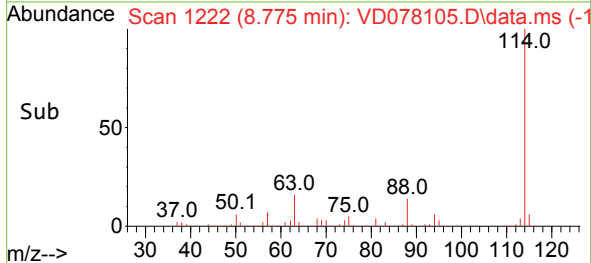
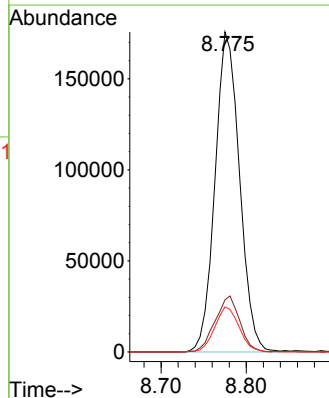
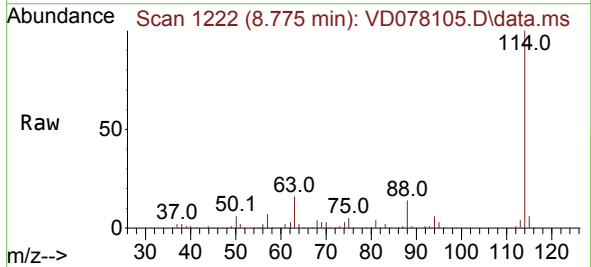
Instrument :
MSVOA_D
ClientSampleId :
EO-03-122723

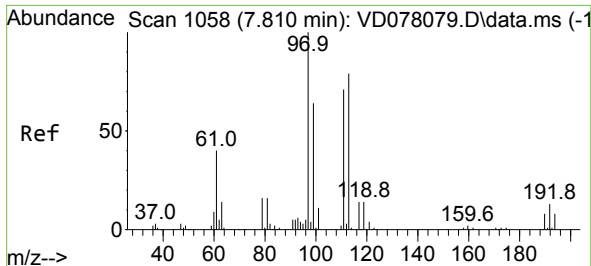
Tgt Ion: 65 Resp: 79136
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078105.D
Acq: 29 Dec 2023 13:48

Tgt Ion: 114 Resp: 351267
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.4
88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.775 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078105.D

Acq: 29 Dec 2023 13:48

Instrument :

MSVOA_D

ClientSampleId :

EO-03-122723

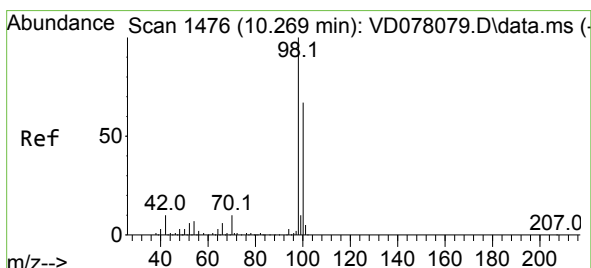
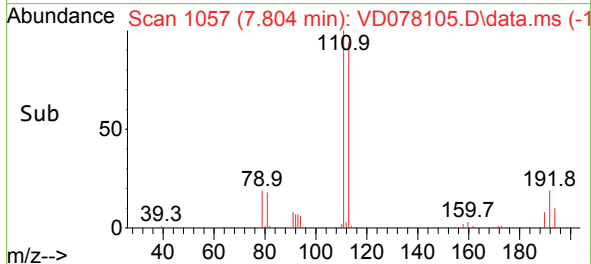
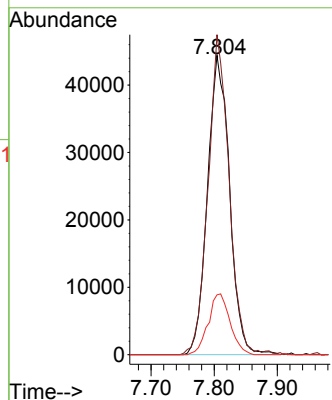
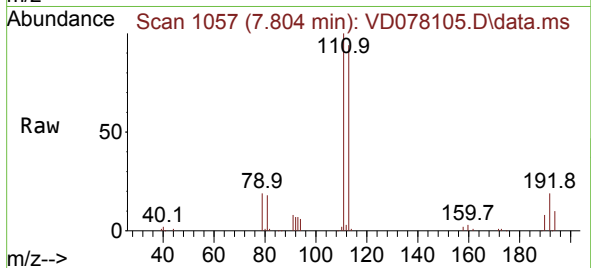
Tgt Ion:113 Resp: 107979

Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 20.1 16.8 25.2



#50

Toluene-d8

Concen: 54.829 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078105.D

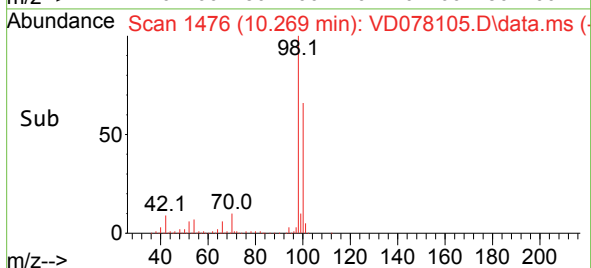
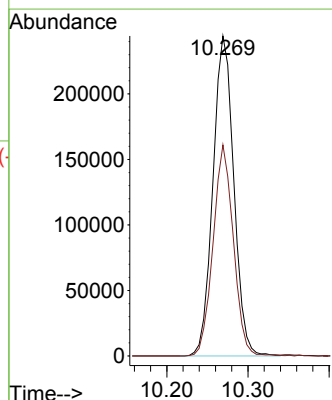
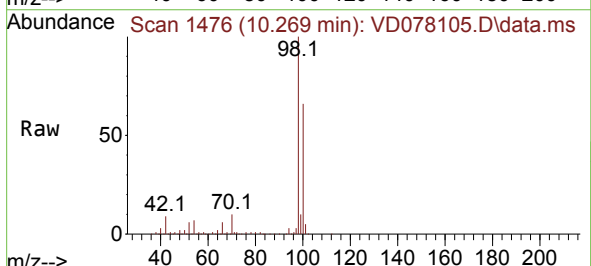
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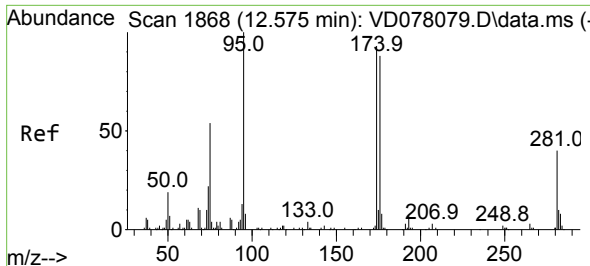
Tgt Ion: 98 Resp: 436048

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

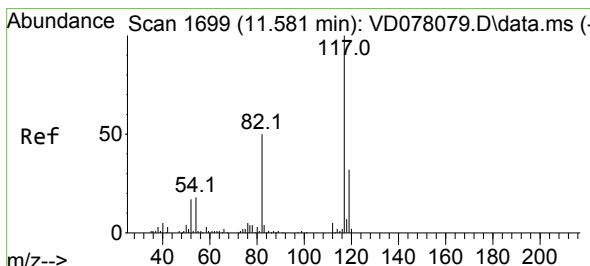
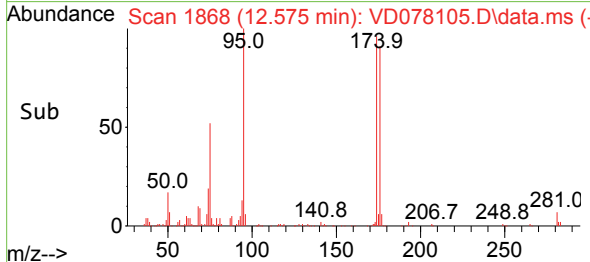
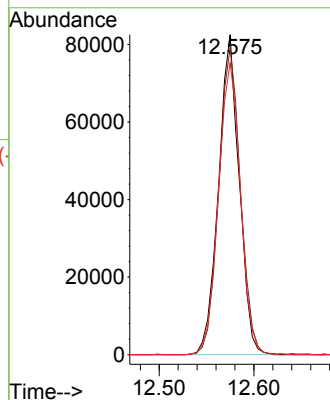
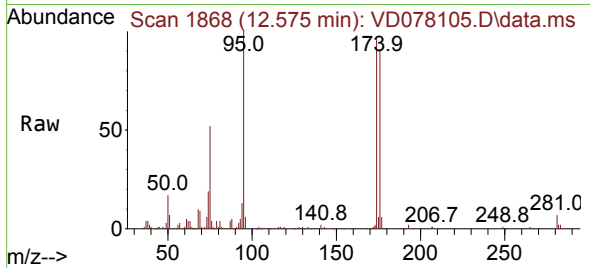




#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078105.D
Acq: 29 Dec 2023 13:48

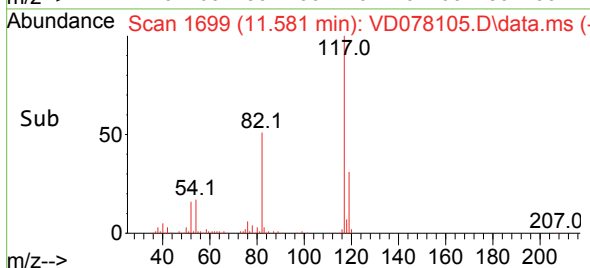
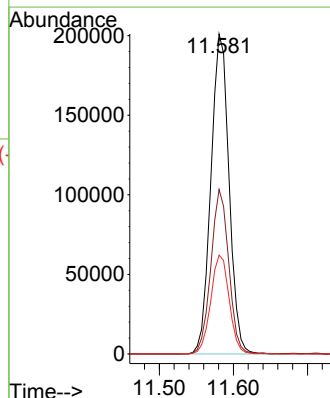
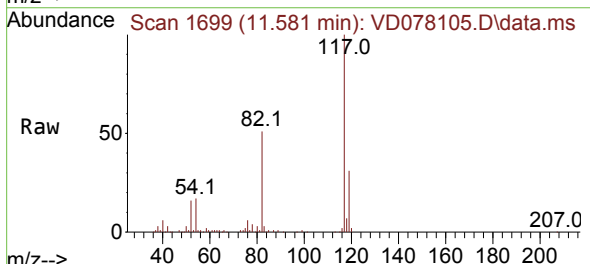
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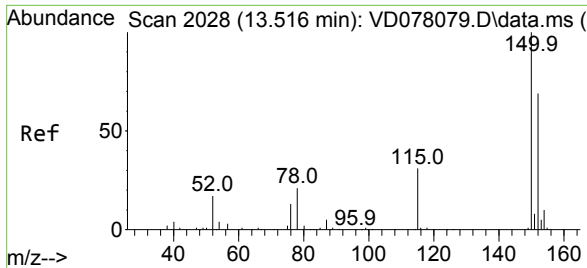
Tgt Ion: 95 Resp: 125150
Ion Ratio Lower Upper
95 100
174 100.2 0.0 201.8
176 97.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078105.D
Acq: 29 Dec 2023 13:48

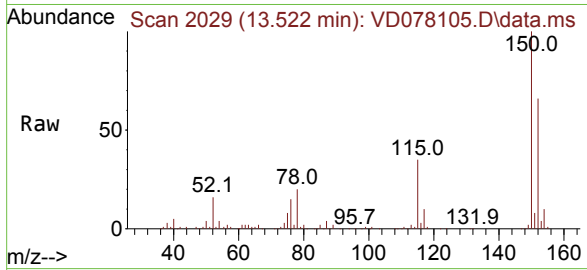
Tgt Ion: 117 Resp: 341720
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 30.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD078105.D
 Acq: 29 Dec 2023 13:48

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-122723



Tgt Ion:152 Resp: 156104
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.1 81.3
 150 158.2 0.0 353.6

