

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078107.D
 Acq On : 29 Dec 2023 14:42
 Operator : RP/MD
 Sample : 06039-04
 Misc : 5.14G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-WEST

Quant Time: Dec 29 22:35:32 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)

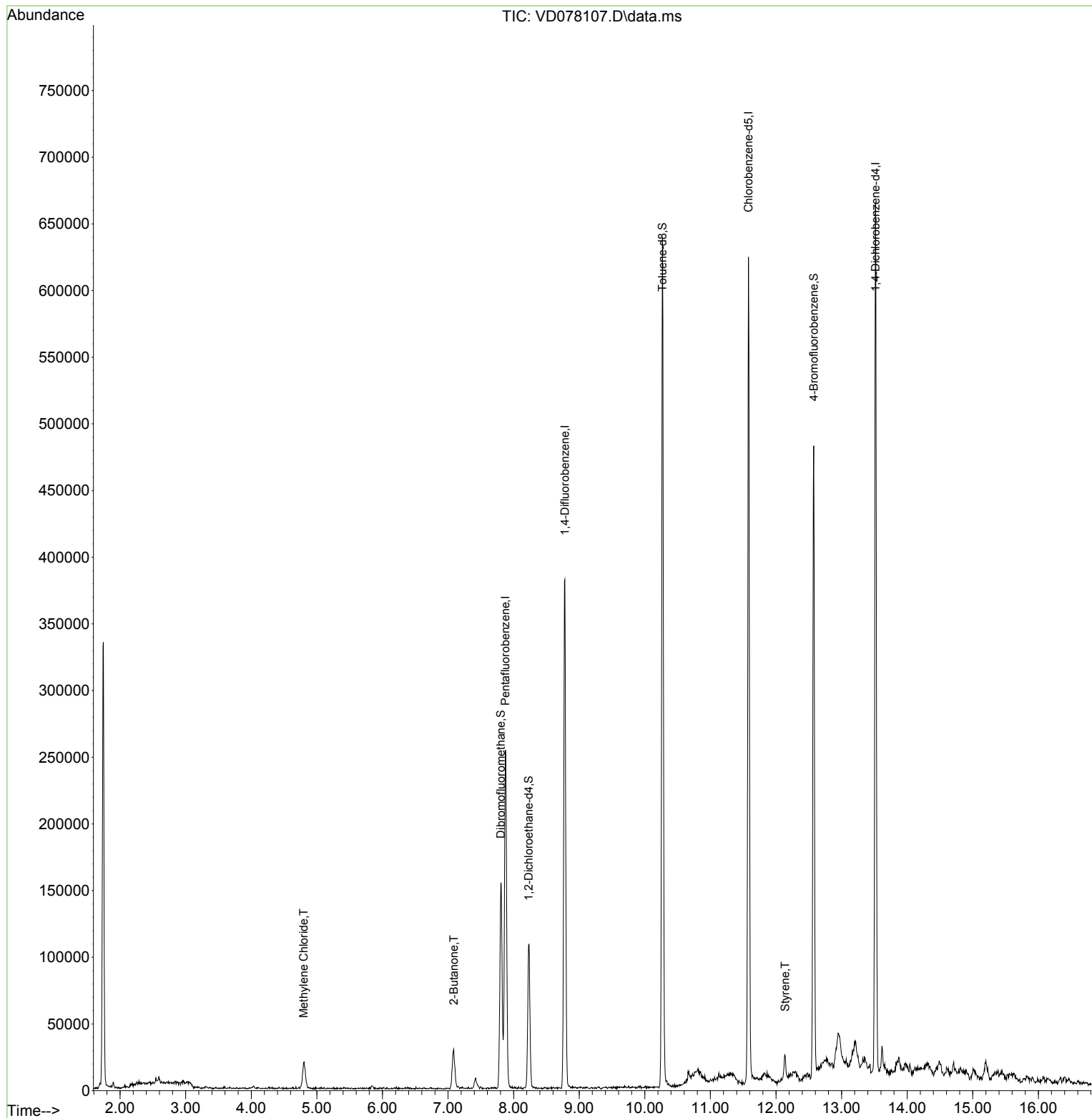
Internal Standards						
1) Pentafluorobenzene	7.875	168	210688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	359192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	372435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	185536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85569	45.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.300%
35) Dibromofluoromethane	7.805	113	111050	48.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.269	98	456162	56.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.180%
62) 4-Bromofluorobenzene	12.575	95	145608	55.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.300%
Target Compounds						
20) Methylene Chloride	4.799	84	16170	4.118	ug/l	95
25) 2-Butanone	7.087	43	47891	88.380	ug/l #	84
70) Styrene	12.140	104	8858	1.199	ug/l	98

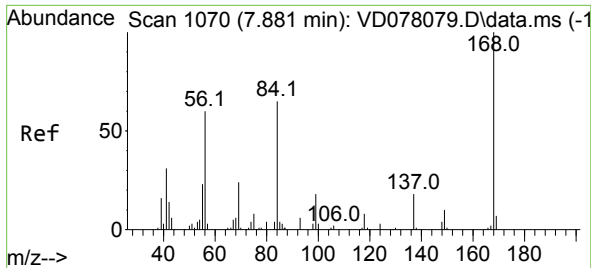
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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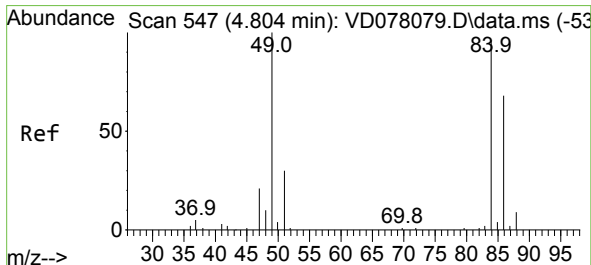
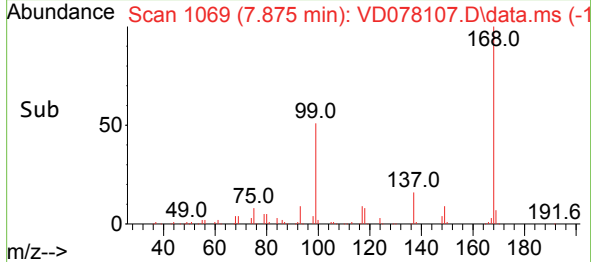
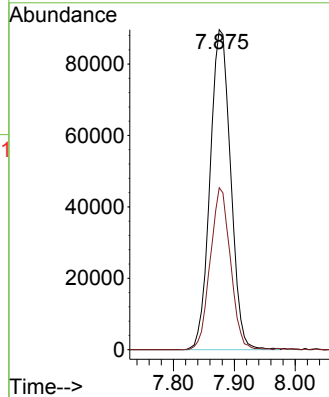
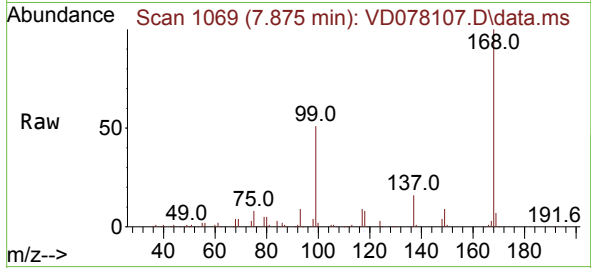




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

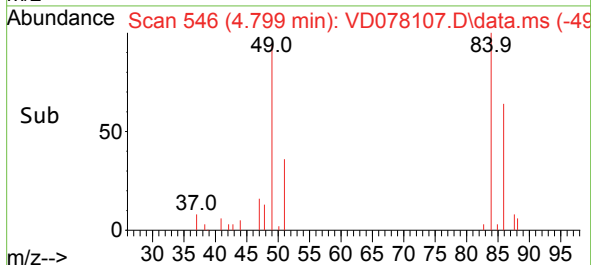
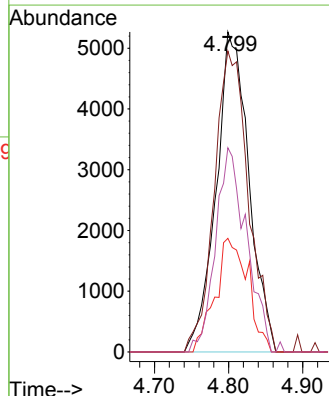
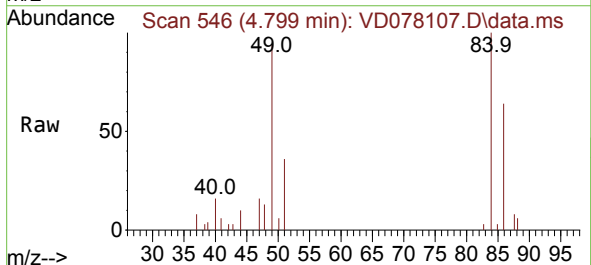
Instrument :
MSVOA_D
ClientSampleId :
EC48-WEST

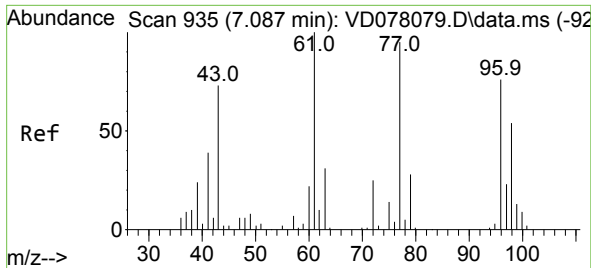
Tgt Ion:168 Resp: 210688
Ion Ratio Lower Upper
168 100
99 50.6 36.7 55.1



#20
Methylene Chloride
Concen: 4.118 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

Tgt Ion: 84 Resp: 16170
Ion Ratio Lower Upper
84 100
49 94.1 71.4 107.2
51 35.5 24.5 36.7
86 63.8 48.7 73.1

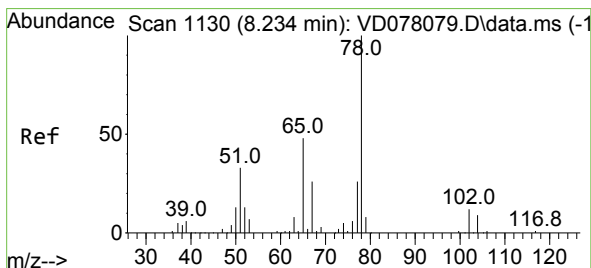
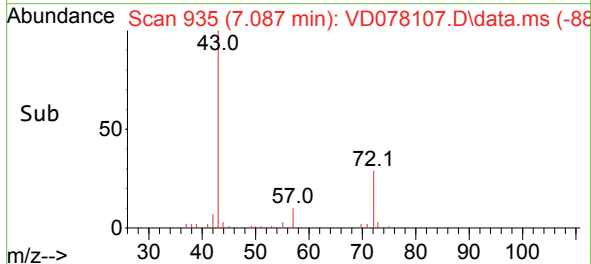
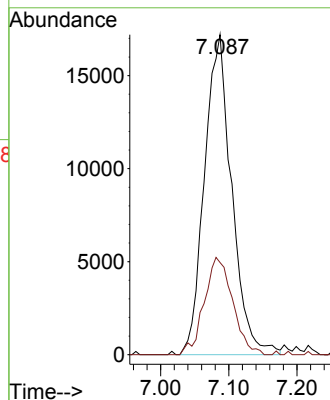
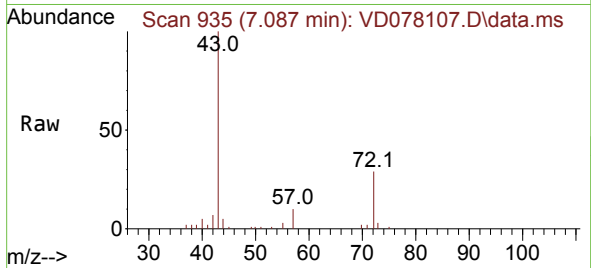




#25
2-Butanone
Concen: 88.380 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

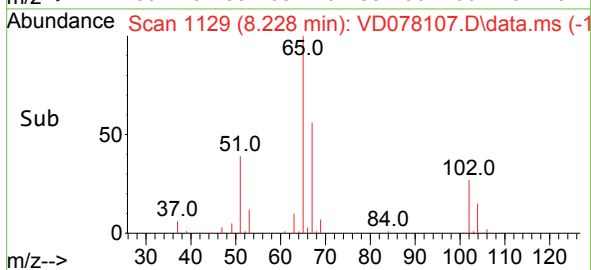
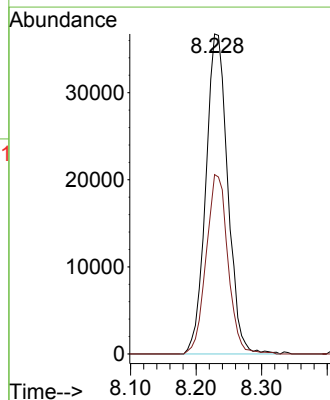
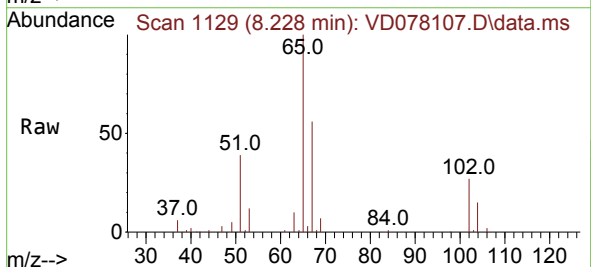
Instrument :
MSVOA_D
ClientSampleId :
EC48-WEST

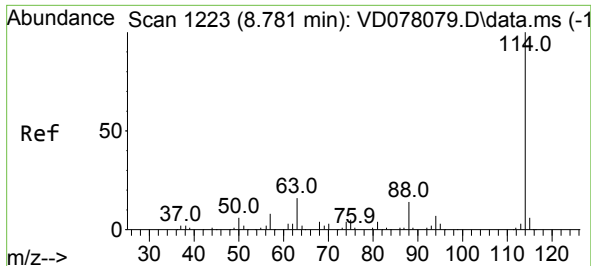
Tgt Ion: 43 Resp: 47891
Ion Ratio Lower Upper
43 100
72 28.8 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 45.645 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

Tgt Ion: 65 Resp: 85569
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078107.D

Acq: 29 Dec 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

EC48-WEST

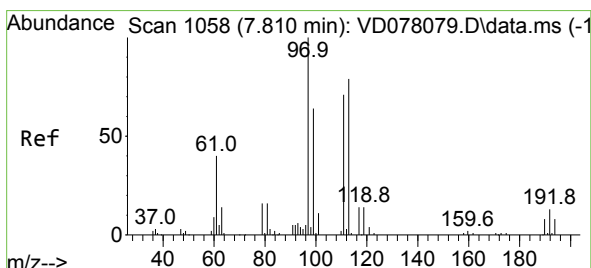
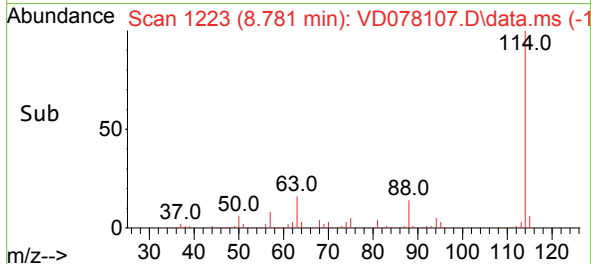
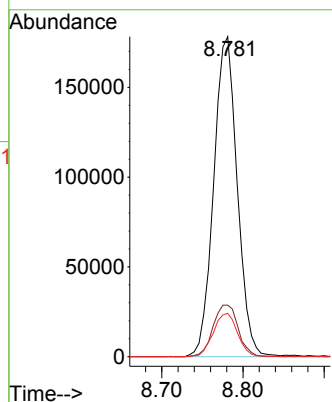
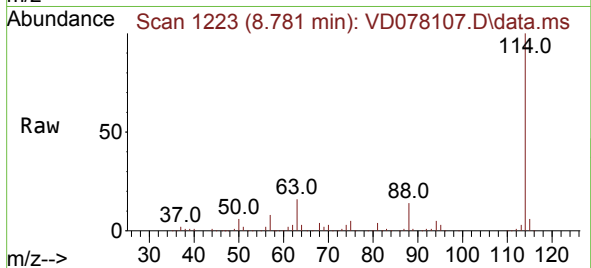
Tgt Ion:114 Resp: 359192

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.050 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD078107.D

Acq: 29 Dec 2023 14:42

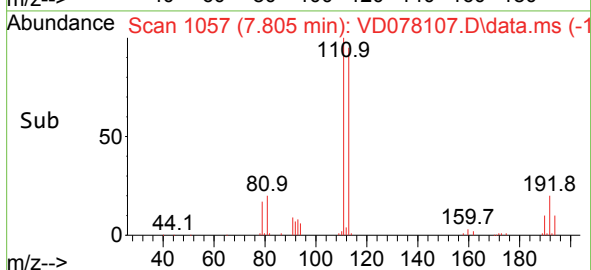
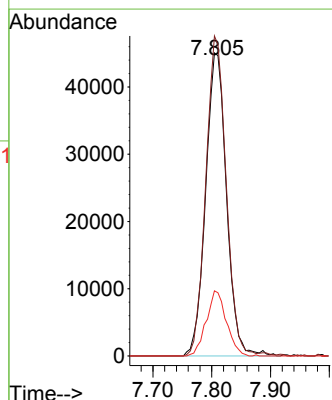
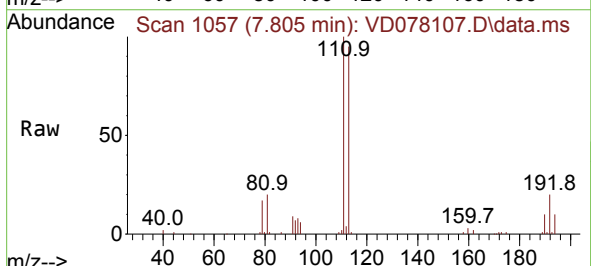
Tgt Ion:113 Resp: 111050

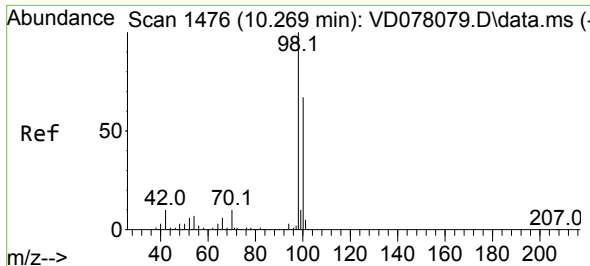
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 20.7 16.8 25.2

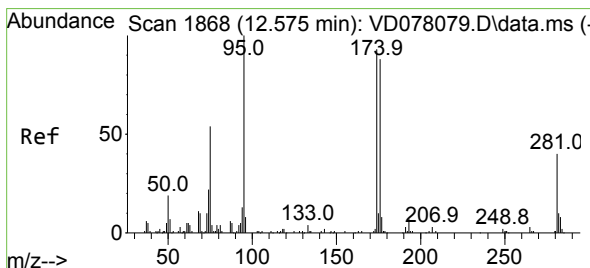
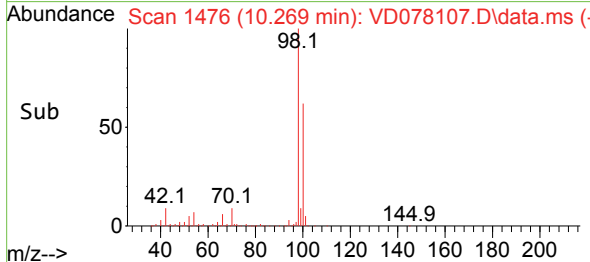
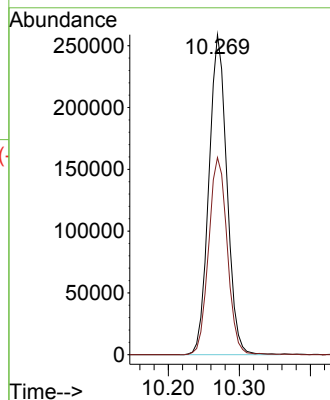
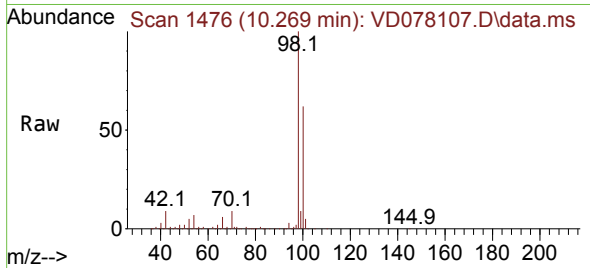




#50
Toluene-d8
Concen: 56.093 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

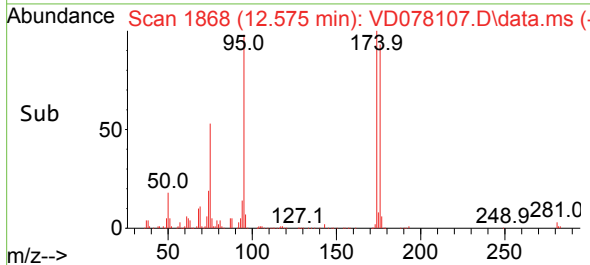
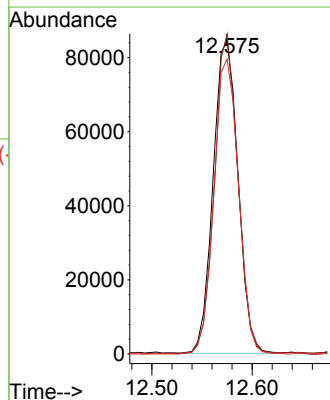
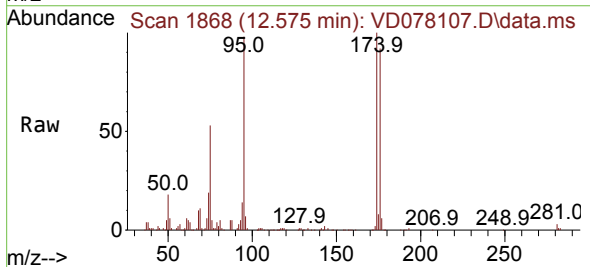
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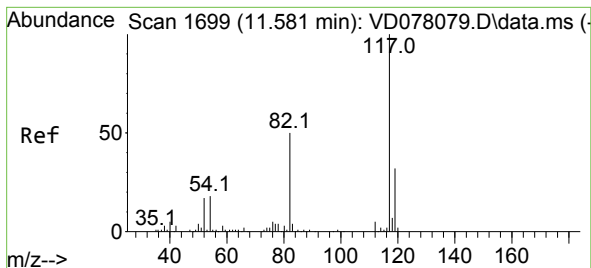
Tgt Ion: 98 Resp: 456162
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.648 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

Tgt Ion: 95 Resp: 145608
Ion Ratio Lower Upper
95 100
174 95.8 0.0 201.8
176 93.3 0.0 191.8

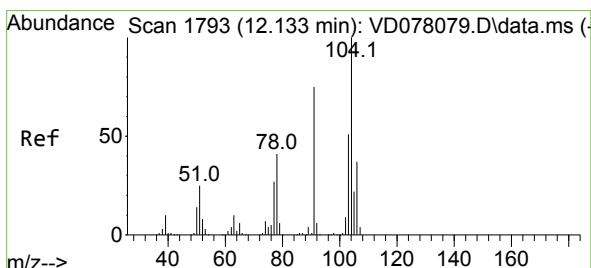
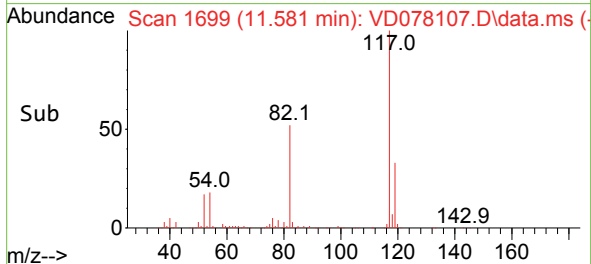
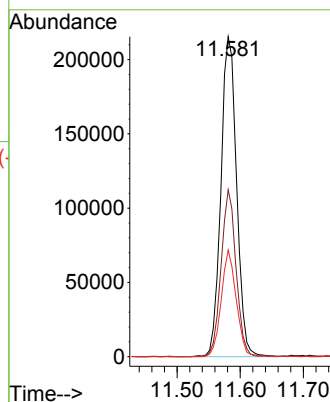
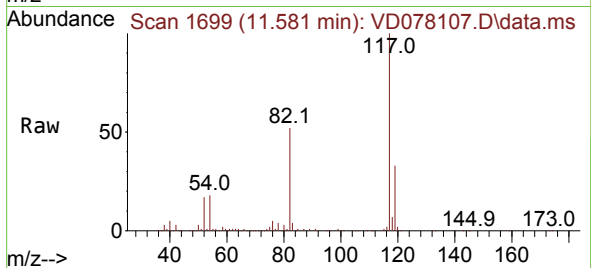




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

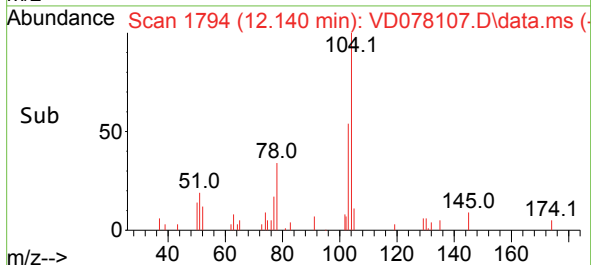
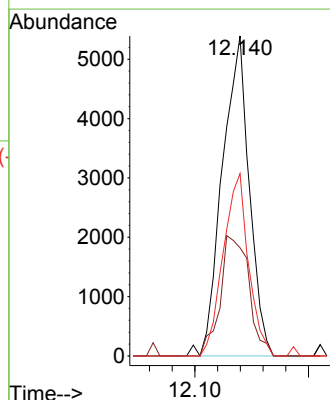
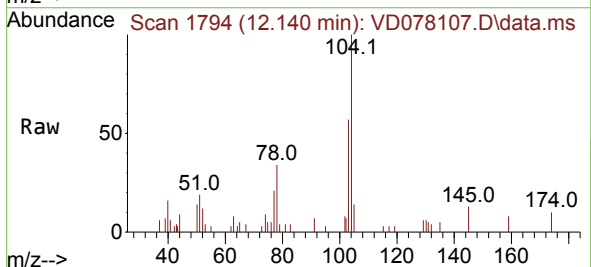
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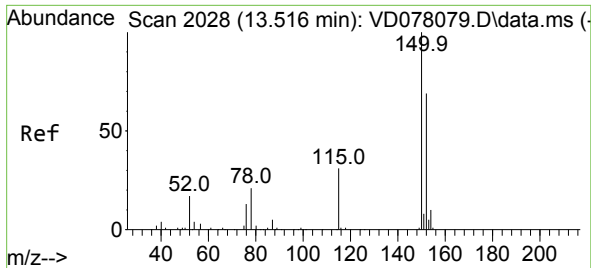
Tgt Ion:117 Resp: 372435
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 33.3 25.0 37.4



#70
Styrene
Concen: 1.199 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078107.D
Acq: 29 Dec 2023 14:42

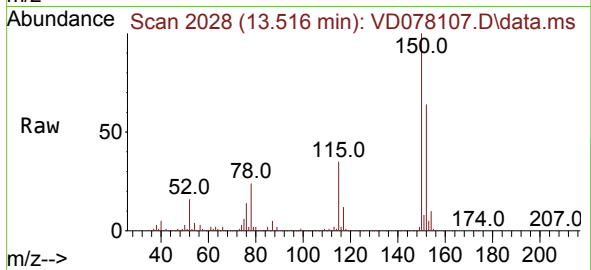
Tgt Ion:104 Resp: 8858
Ion Ratio Lower Upper
104 100
78 40.1 33.2 49.8
103 53.8 43.6 65.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078107.D
 Acq: 29 Dec 2023 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-WEST



Tgt Ion:152 Resp: 185536
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.3
 150 156.2 0.0 353.6

