

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079564.D
 Acq On : 03 Aug 2024 03:07
 Operator : RP/MD
 Sample : P3409-04
 Misc : 5.89G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-869-J-SO-2-2.5-073024

Quant Time: Aug 03 04:25:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

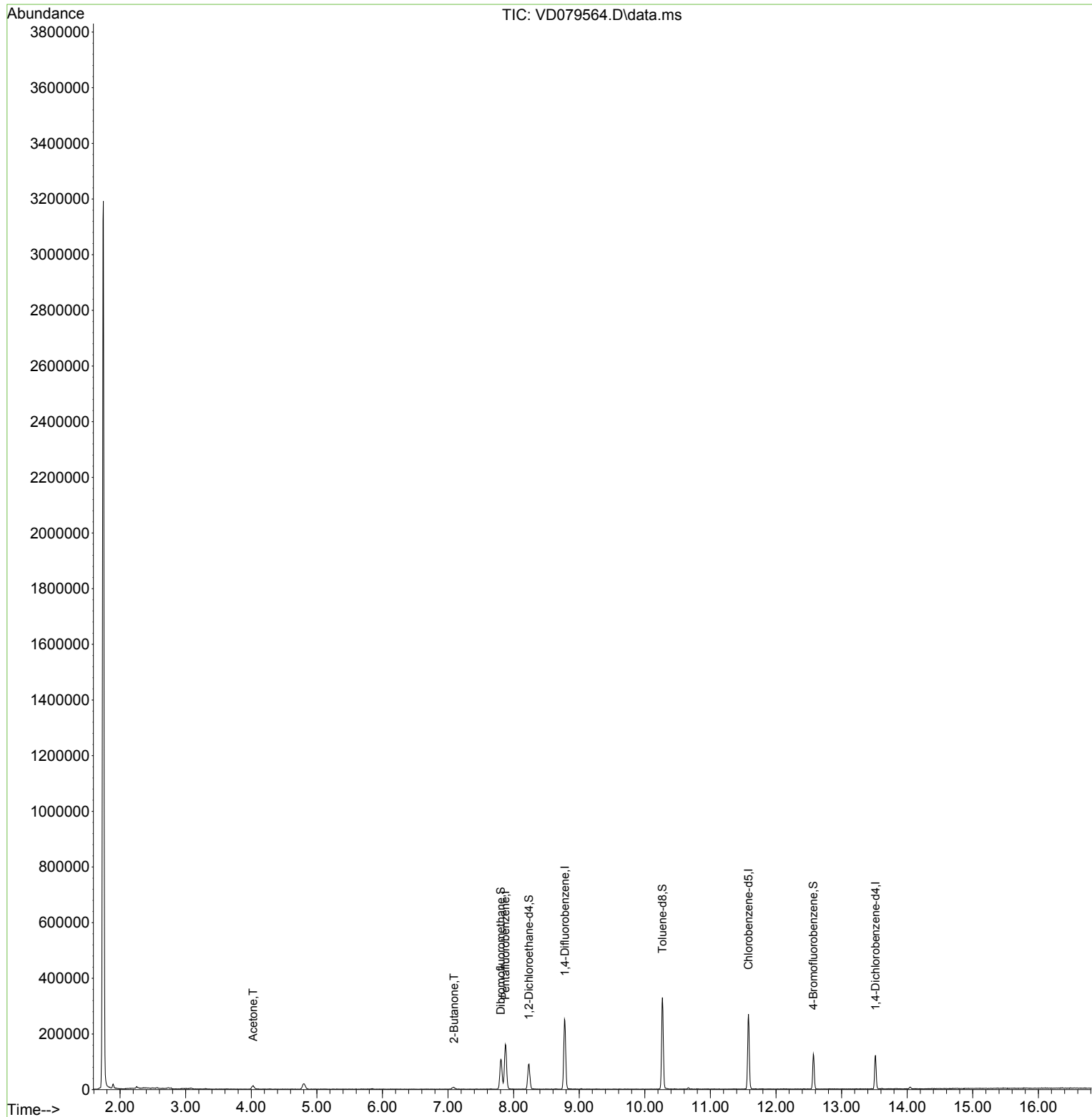
Internal Standards						
1) Pentafluorobenzene	7.875	168	128737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	160679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73176	55.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.805	113	79577	49.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.269	98	236496	38.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.520%
62) 4-Bromofluorobenzene	12.569	95	37101	20.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.480%
Target Compounds						Qvalue
16) Acetone	4.028	43	20443	80.431	ug/l	97
25) 2-Butanone	7.093	43	6384	17.717	ug/l	96

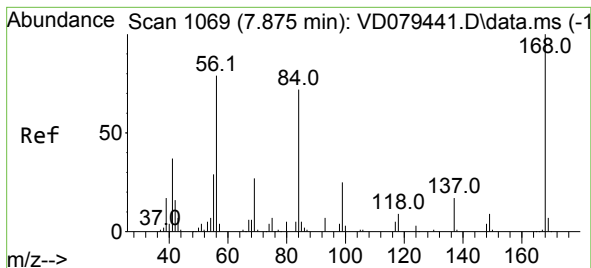
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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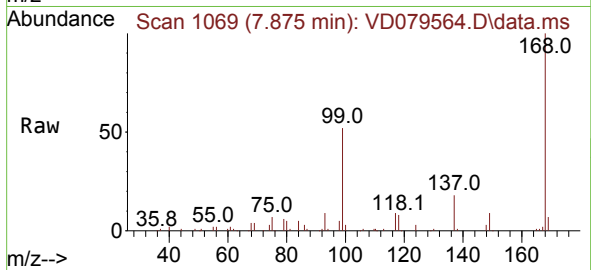
Quant Time: Aug 03 04:25:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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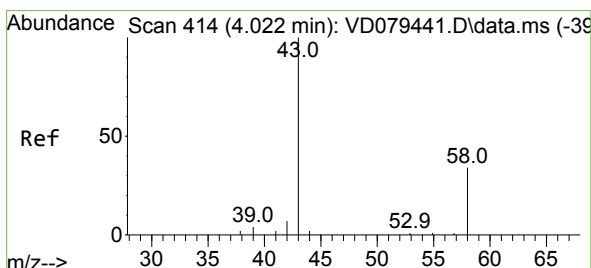
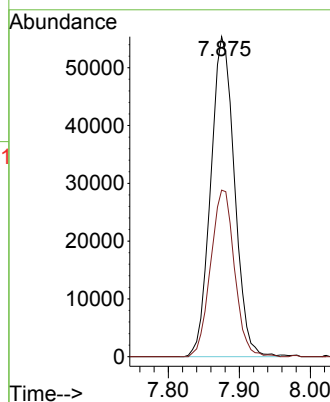
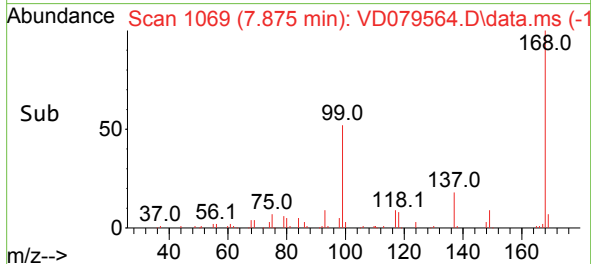


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

Instrument :
MSVOA_D
ClientSampleId :
S-869-J-SO-2-2.5-073024

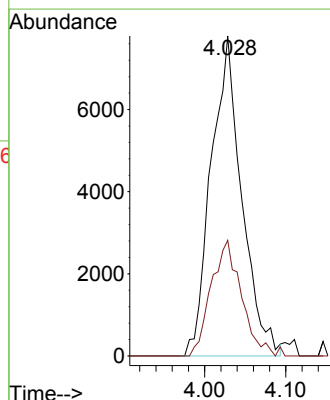
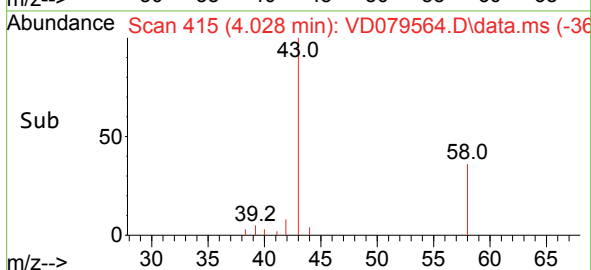
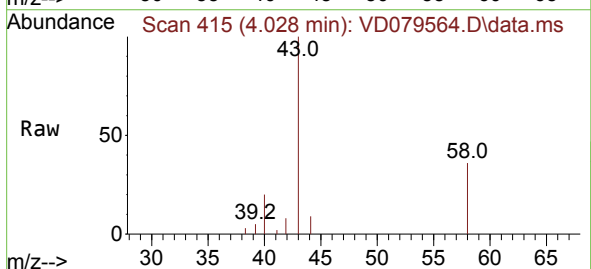


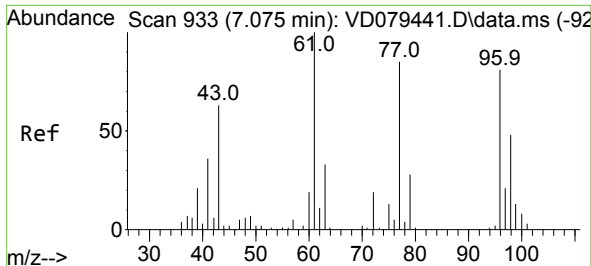
Tgt Ion:168 Resp: 128737
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#16
Acetone
Concen: 80.431 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

Tgt Ion: 43 Resp: 20443
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

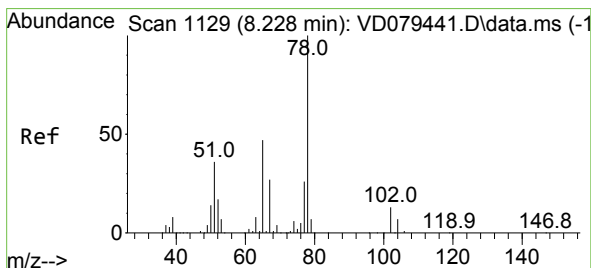
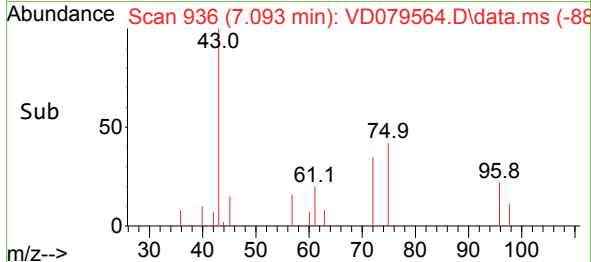
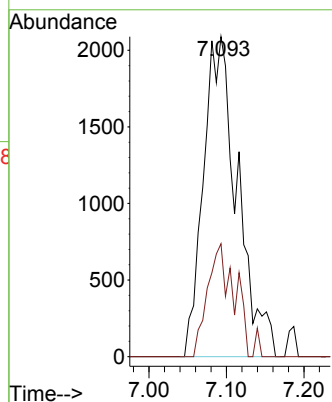
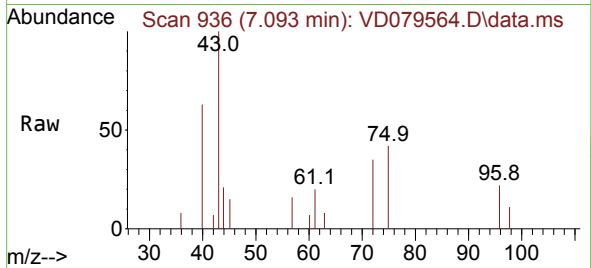




#25
2-Butanone
Concen: 17.717 ug/l
RT: 7.093 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

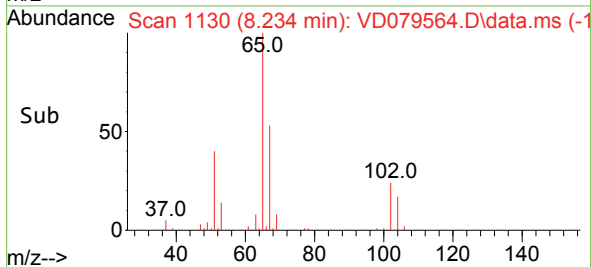
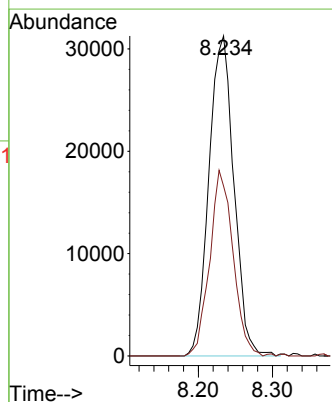
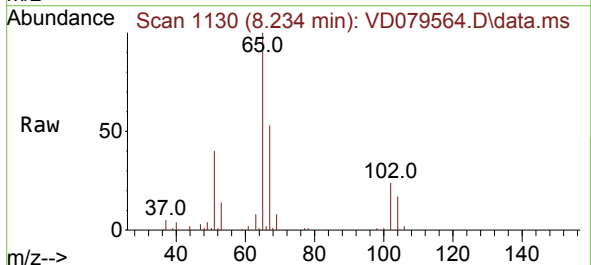
Instrument :
MSVOA_D
ClientSampleId :
S-869-J-SO-2-2.5-073024

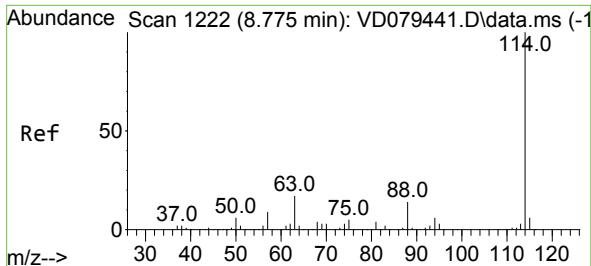
Tgt Ion: 43 Resp: 6384
Ion Ratio Lower Upper
43 100
72 35.3 26.4 39.6



#33
1,2-Dichloroethane-d4
Concen: 55.952 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

Tgt Ion: 65 Resp: 73176
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079564.D

Acq: 03 Aug 2024 03:07

Instrument :

MSVOA_D

ClientSampleId :

S-869-J-SO-2-2.5-073024

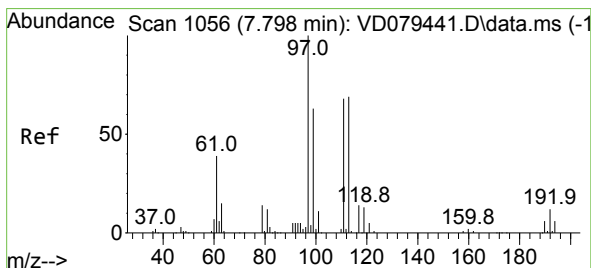
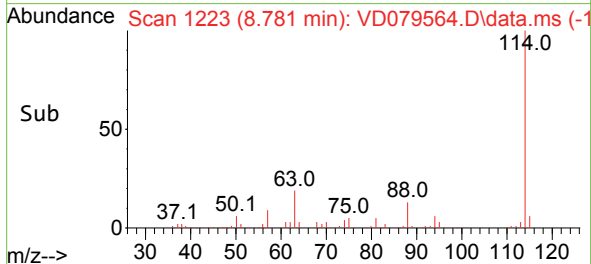
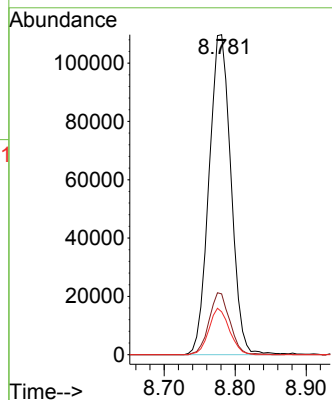
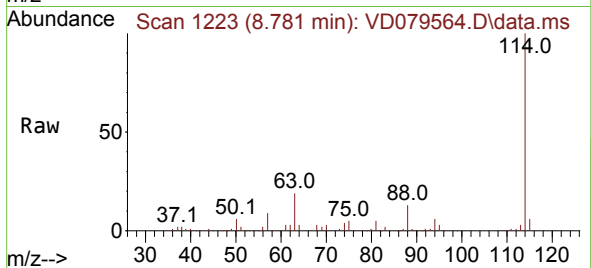
Tgt Ion:114 Resp: 235147

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.999 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079564.D

Acq: 03 Aug 2024 03:07

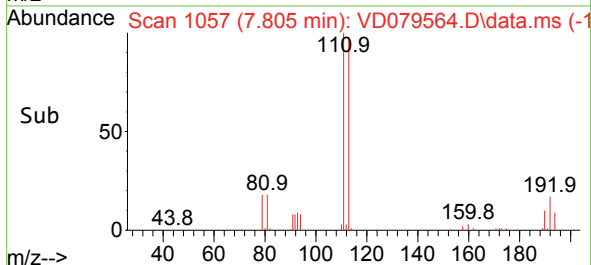
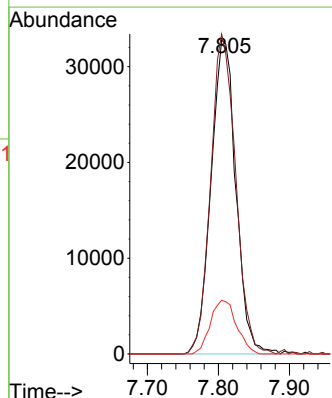
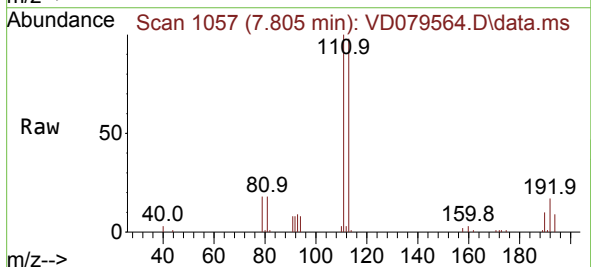
Tgt Ion:113 Resp: 79577

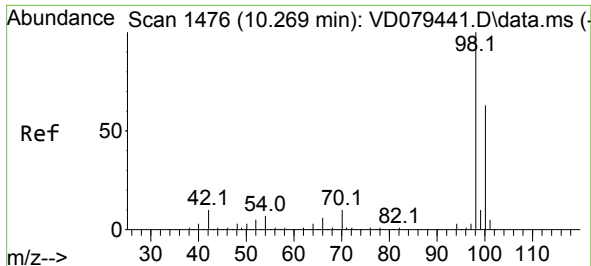
Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 18.0 15.4 23.0

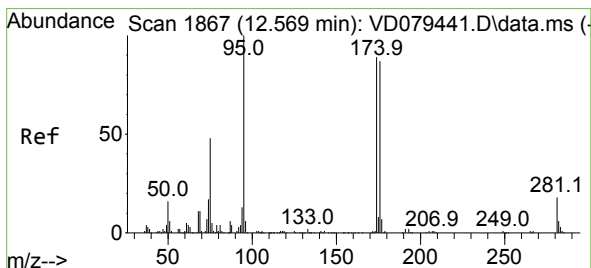
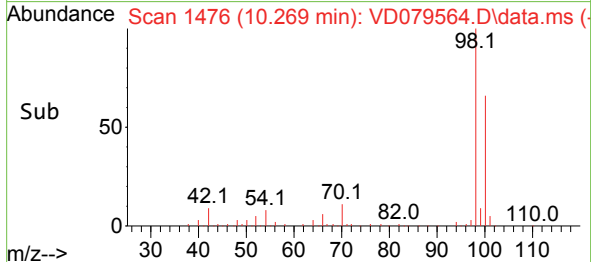
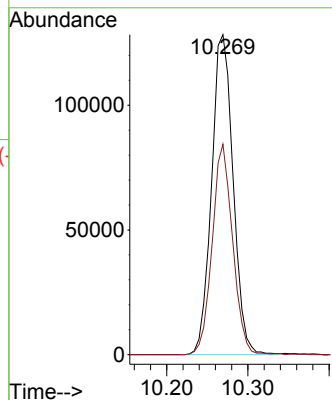
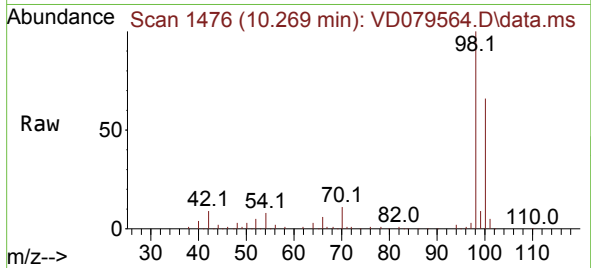




#50
Toluene-d8
Concen: 38.264 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

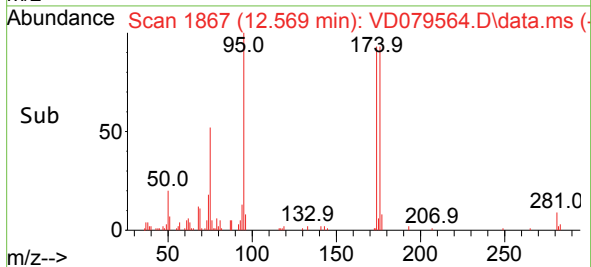
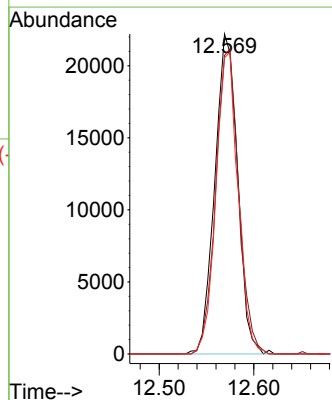
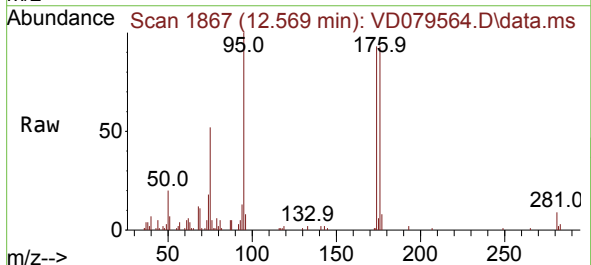
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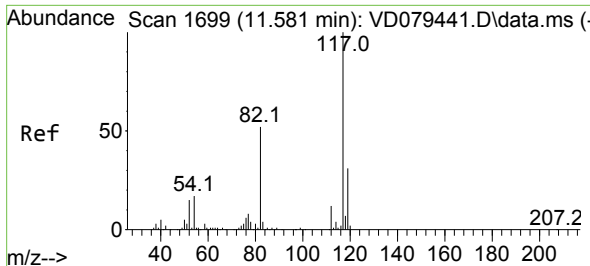
Tgt Ion: 98 Resp: 236496
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 20.743 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

Tgt Ion: 95 Resp: 37101
Ion Ratio Lower Upper
95 100
174 95.8 0.0 195.4
176 91.9 0.0 192.6

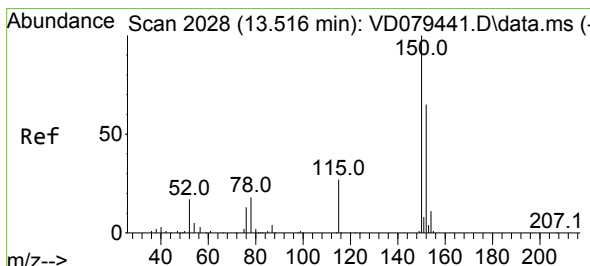
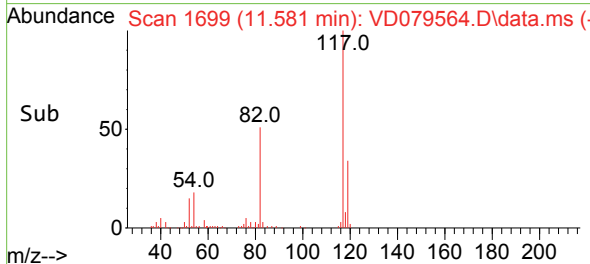
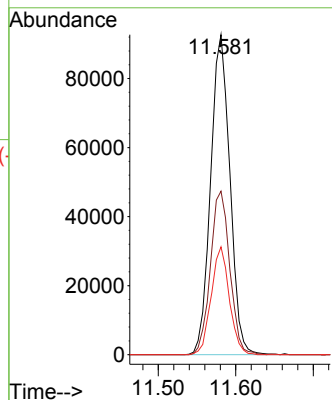
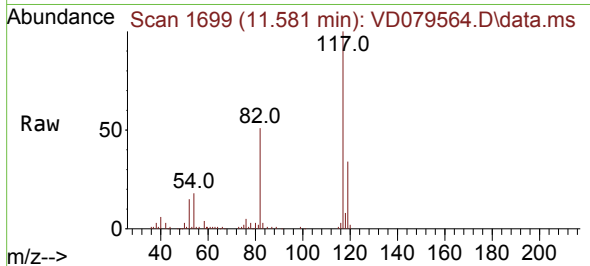




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

Instrument :
MSVOA_D
ClientSampleId :
S-869-J-SO-2-2.5-073024

Tgt Ion:117 Resp: 160679
Ion Ratio Lower Upper
117 100
82 51.1 39.8 59.6
119 33.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079564.D
Acq: 03 Aug 2024 03:07

Tgt Ion:152 Resp: 33776
Ion Ratio Lower Upper
152 100
115 57.1 26.5 79.5
150 164.5 0.0 341.6

