

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079500.D
 Acq On : 31 Jul 2024 17:04
 Operator : RP/MD
 Sample : P3379-11RE
 Misc : 6.03G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-01-072324RE

Quant Time: Aug 01 07:17:29 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)

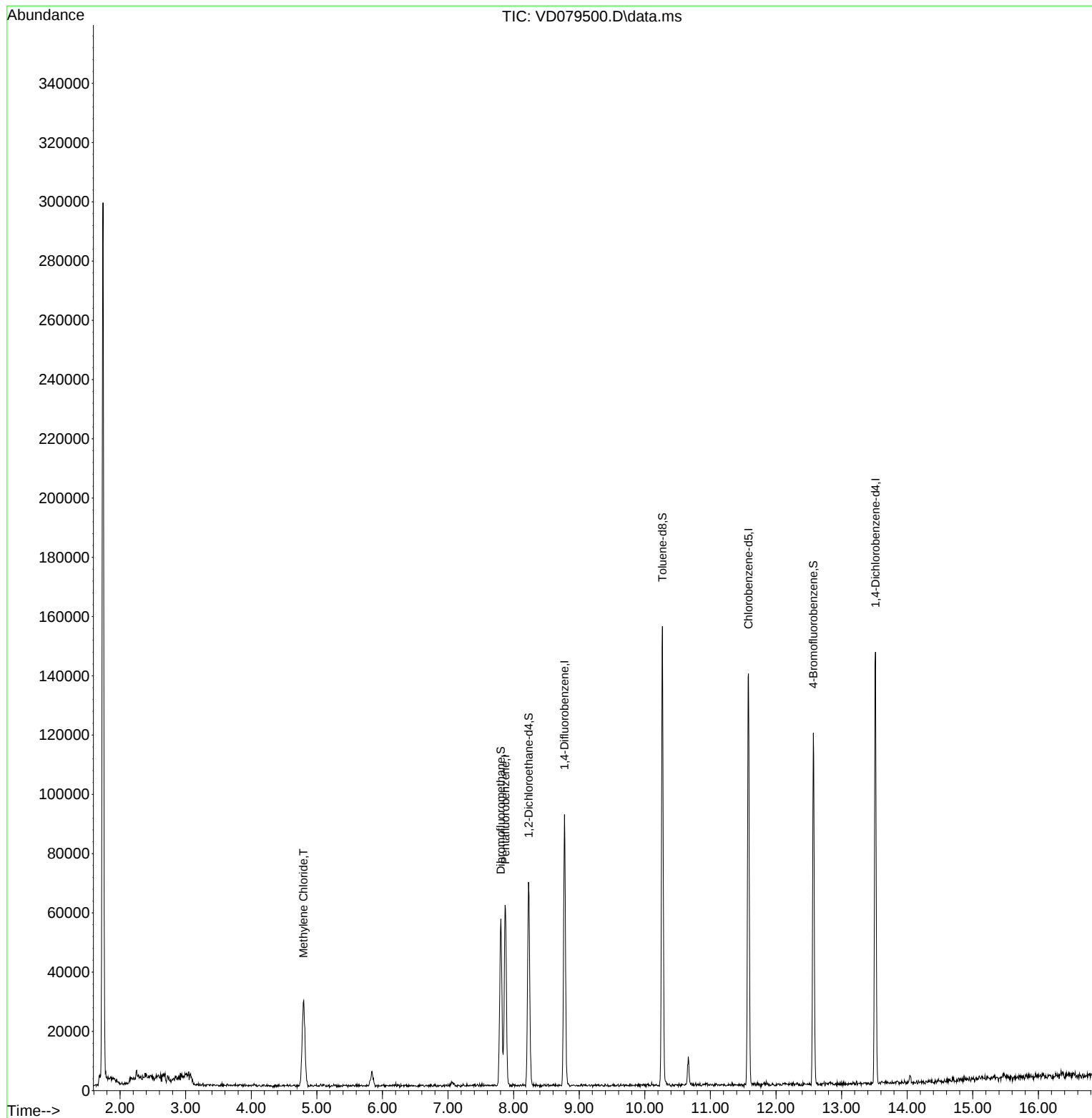
Internal Standards						
1) Pentafluorobenzene	7.875	168	49840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	82491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	88981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54092	106.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.660%#	
35) Dibromofluoromethane	7.805	113	41282	73.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.880%#	
50) Toluene-d8	10.269	98	109094	50.315	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.569	95	35522	56.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.220%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	22175	23.088	ug/l #	84

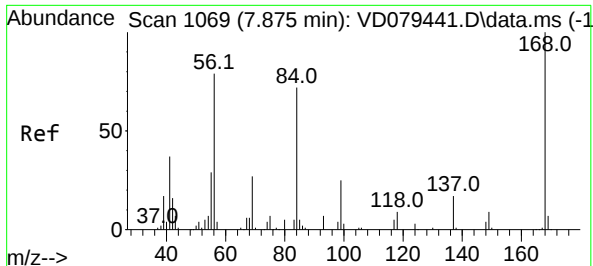
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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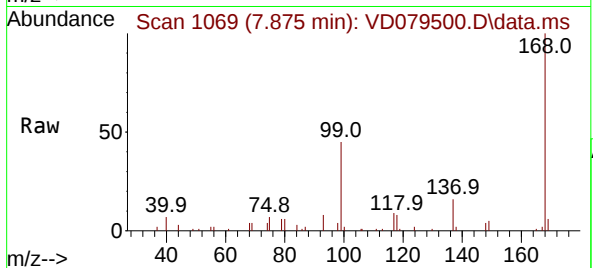
Quant Time: Aug 01 07:17:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



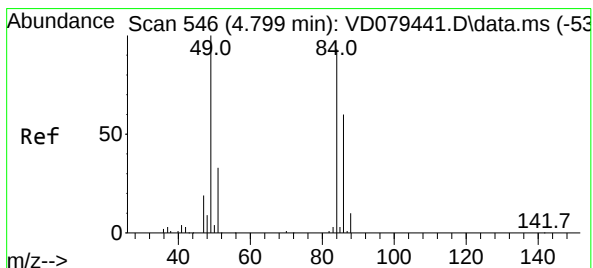
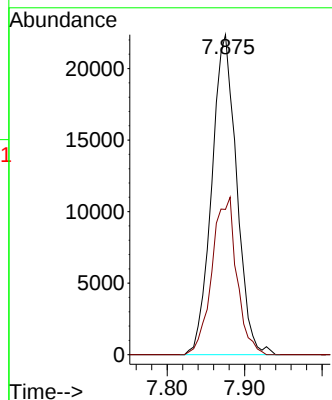
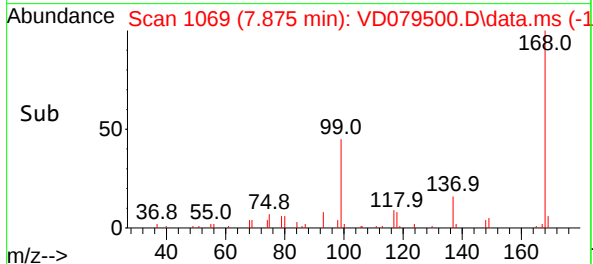


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324RE

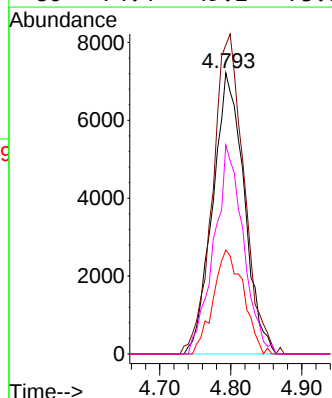
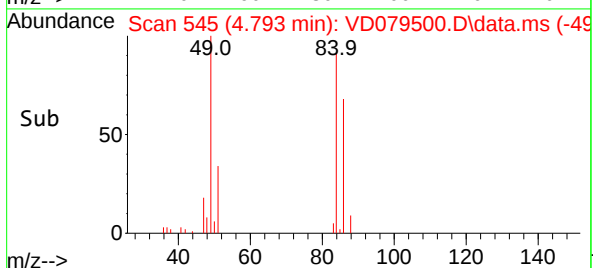
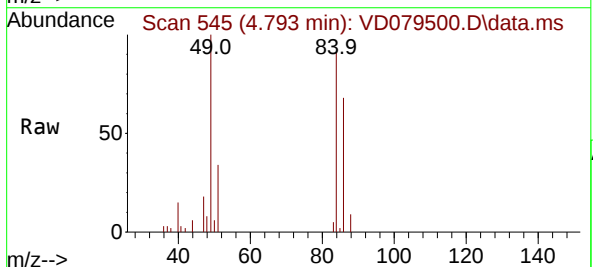


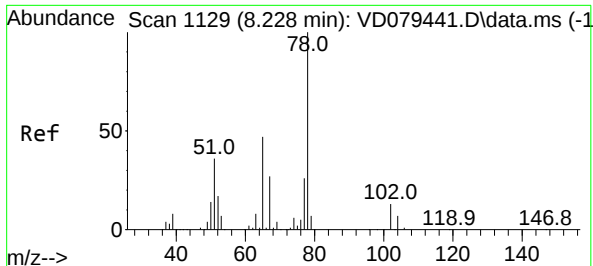
Tgt Ion:168 Resp: 49840
Ion Ratio Lower Upper
168 100
99 45.4 41.1 61.7



#20
Methylene Chloride
Concen: 23.088 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Tgt Ion: 84 Resp: 22175
Ion Ratio Lower Upper
84 100
49 109.9 75.6 113.4
51 36.9 24.2 36.2#
86 74.4 49.2 73.8#





#33

1,2-Dichloroethane-d4

Concen: 106.832 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079500.D

Acq: 31 Jul 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

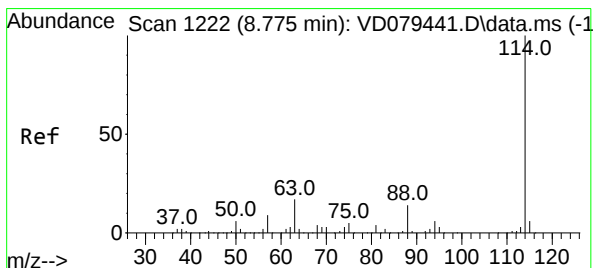
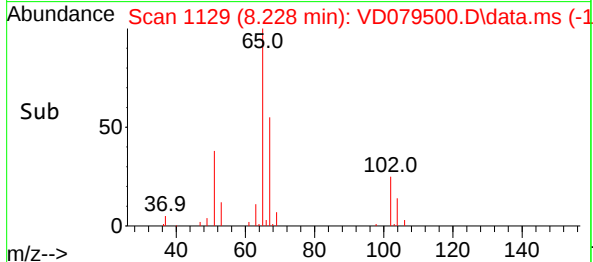
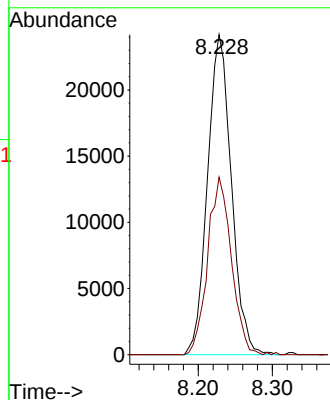
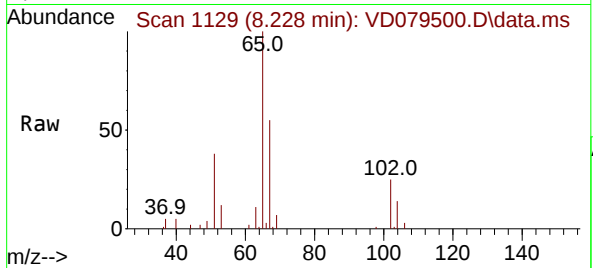
OU4-VSL-01-072324RE

Tgt Ion: 65 Resp: 54092

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079500.D

Acq: 31 Jul 2024 17:04

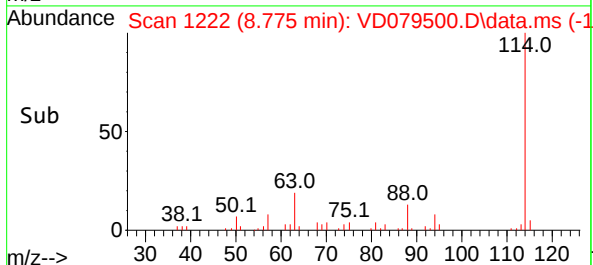
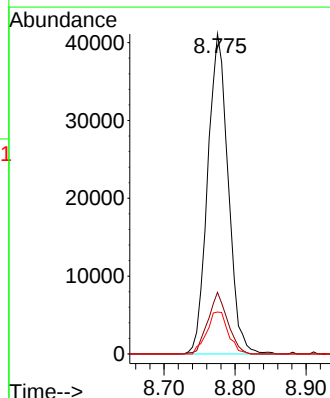
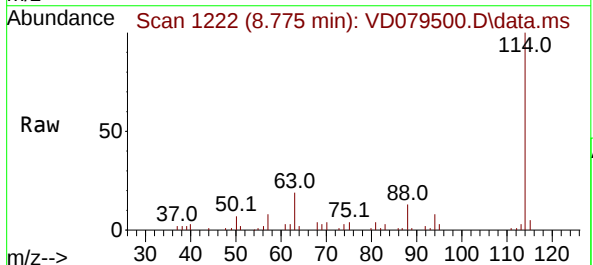
Tgt Ion: 114 Resp: 82491

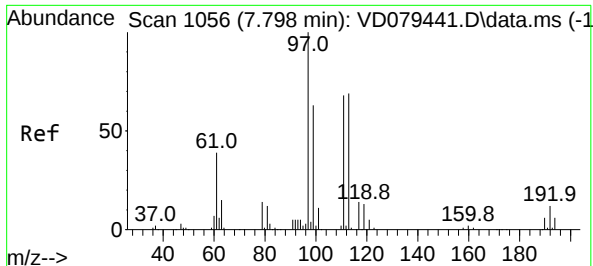
Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

88 13.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 73.937 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079500.D

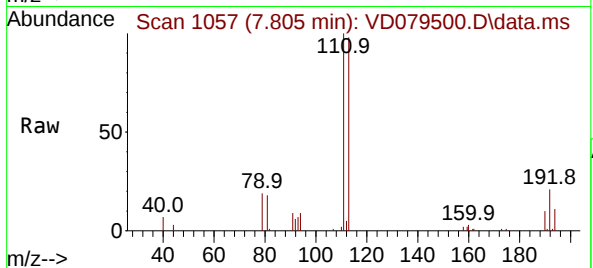
Acq: 31 Jul 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-01-072324RE



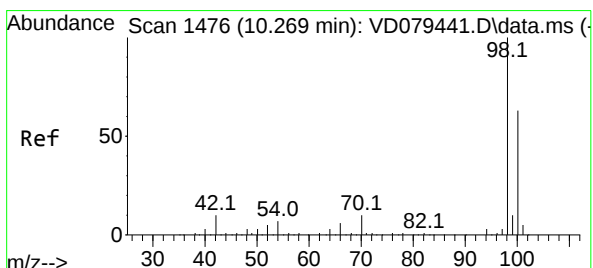
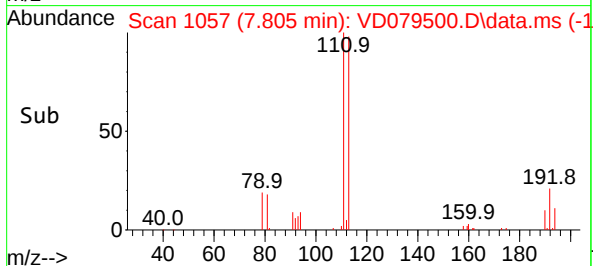
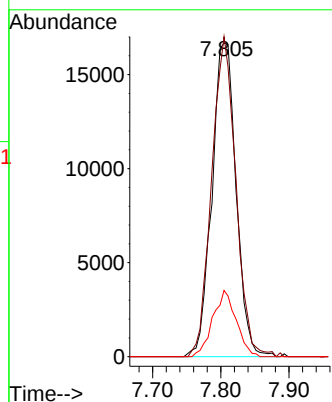
Tgt Ion:113 Resp: 41282

Ion Ratio Lower Upper

113 100

111 101.7 84.0 126.0

192 20.3 15.4 23.0



#50

Toluene-d8

Concen: 50.315 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079500.D

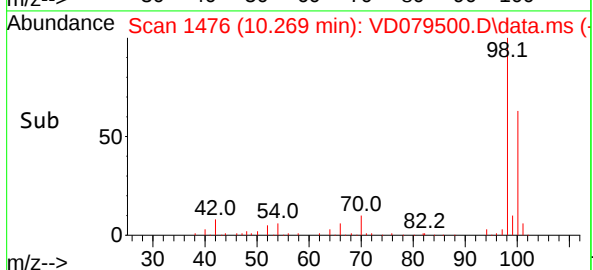
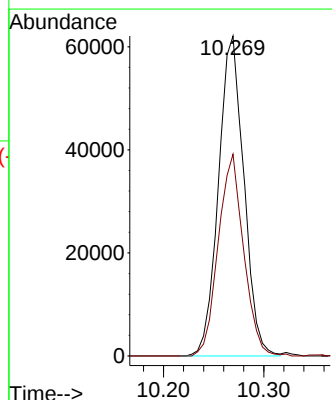
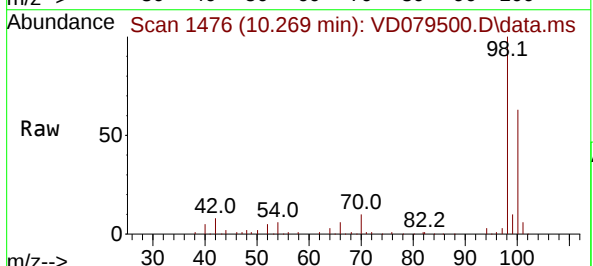
Acq: 31 Jul 2024 17:04

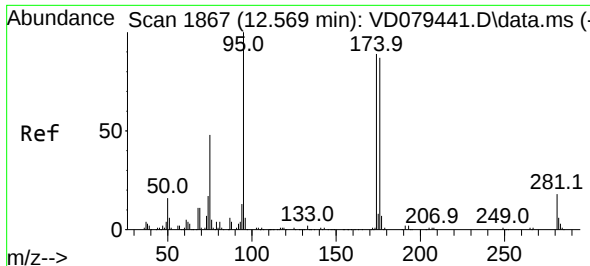
Tgt Ion: 98 Resp: 109094

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

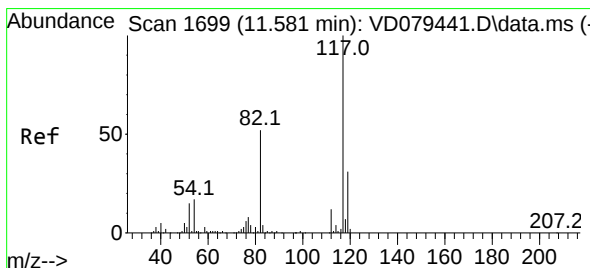
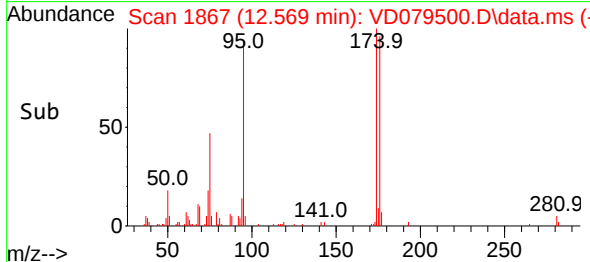
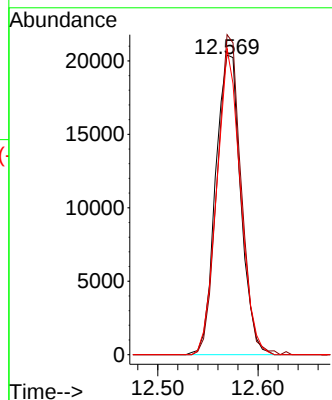
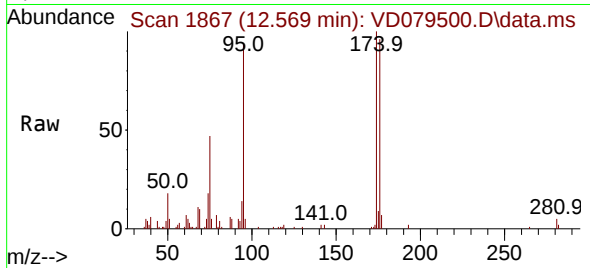




#62
4-Bromofluorobenzene
Concen: 56.614 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

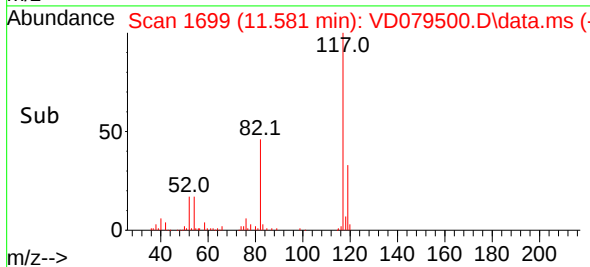
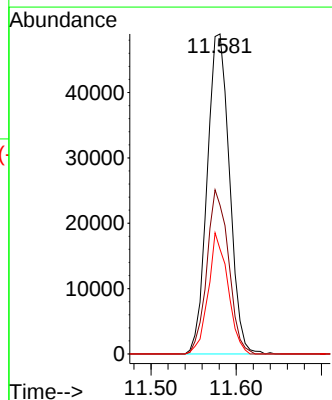
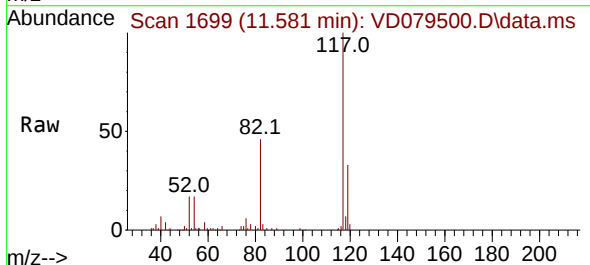
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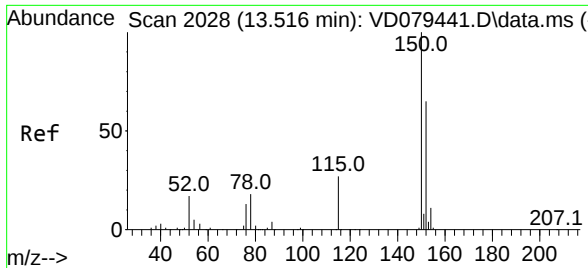
Tgt Ion:	95	Resp:	35522
Ion	Ratio	Lower	Upper
95	100		
174	101.1	0.0	195.4
176	96.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

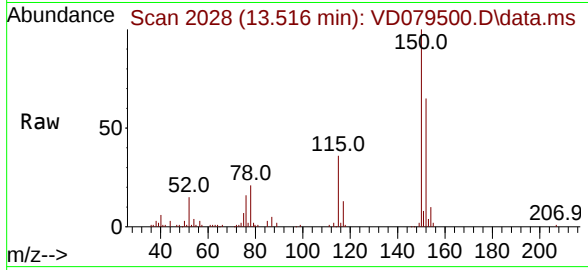
Tgt Ion:	117	Resp:	88981
Ion	Ratio	Lower	Upper
117	100		
82	46.5	39.8	59.6
119	32.7	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079500.D
 Acq: 31 Jul 2024 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-01-072324RE



Tgt Ion:	152	Resp:	44146
Ion Ratio	Lower	Upper	
152	100		
115	50.1	26.5	79.5
150	152.9	0.0	341.6

