

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079659.D
 Acq On : 08 Aug 2024 00:51
 Operator : RP/MD
 Sample : P3488-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-080624

Quant Time: Aug 08 05:38:45 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)

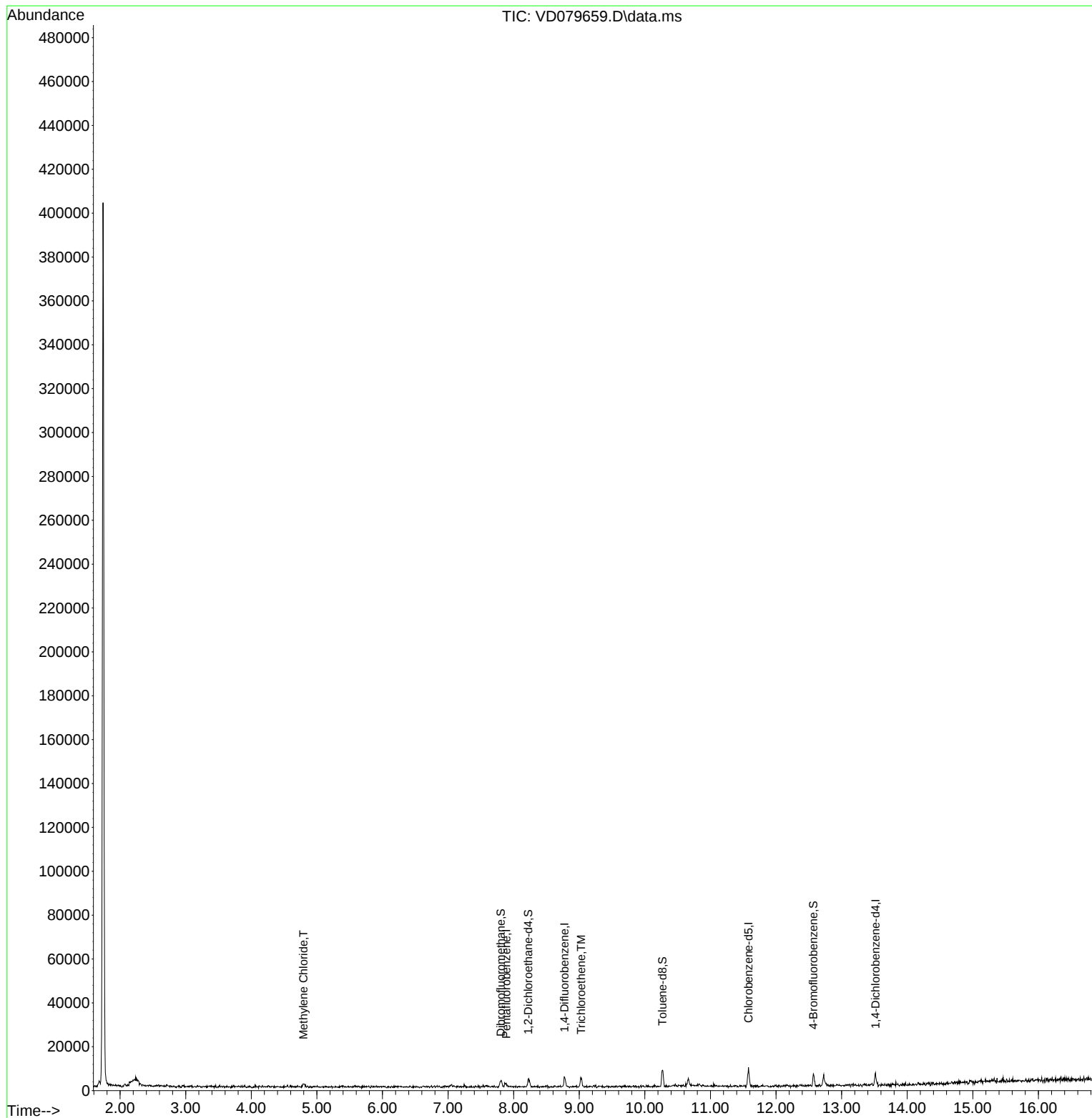
Internal Standards						
1) Pentafluorobenzene	7.887	168	2213	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.775	114	5104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	4752	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2958	131.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 263.140%#	
35) Dibromofluoromethane	7.804	113	2686	77.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.500%#	
50) Toluene-d8	10.269	98	5935	44.240	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.480%	
62) 4-Bromofluorobenzene	12.569	95	1569	40.415	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.840%	
Target Compounds						Qvalue
20) Methylene Chloride	4.793	84	772	12.965	ug/l	# 80
44) Trichloroethene	9.028	130	1399	37.526	ug/l	62

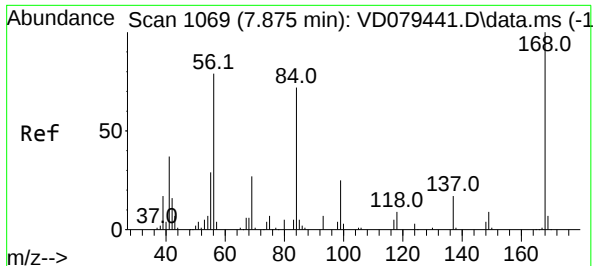
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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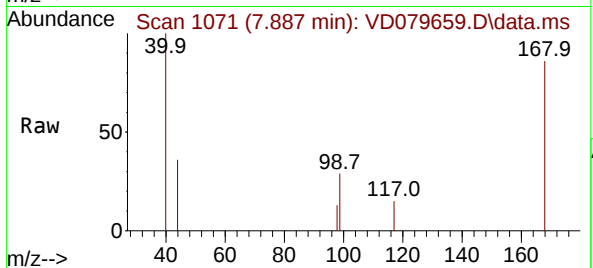
Quant Time: Aug 08 05:38:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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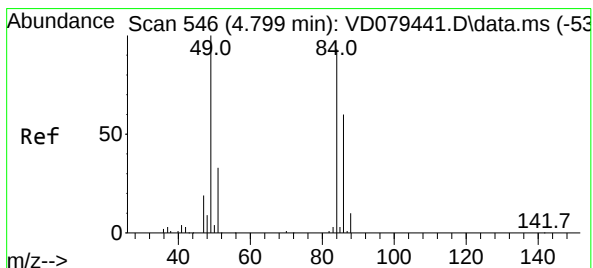
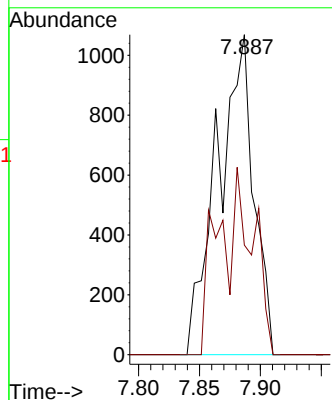
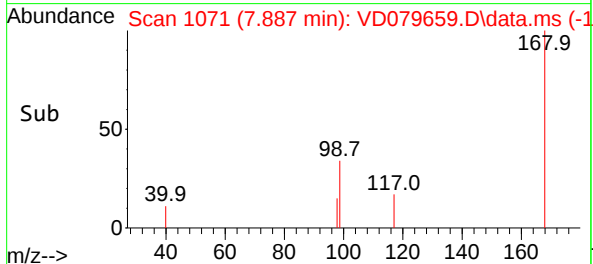


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD079659.D
Acq: 08 Aug 2024 00:51

Instrument :
MSVOA_D
ClientSampleId :
HD-01-080624

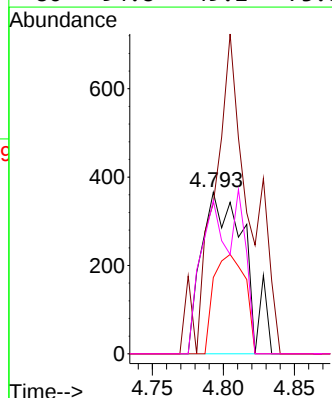
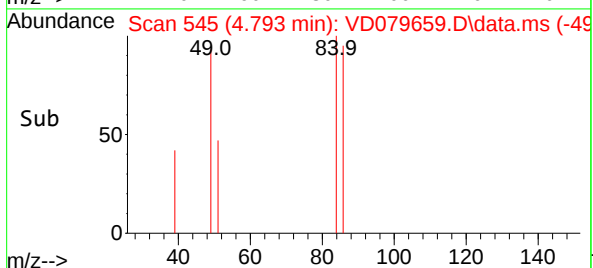
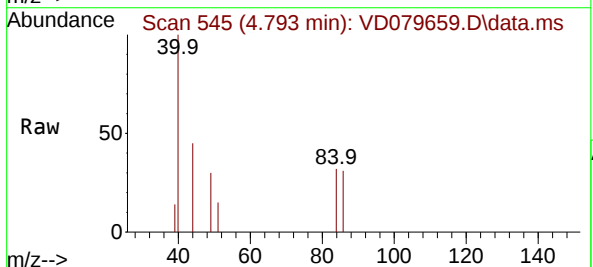


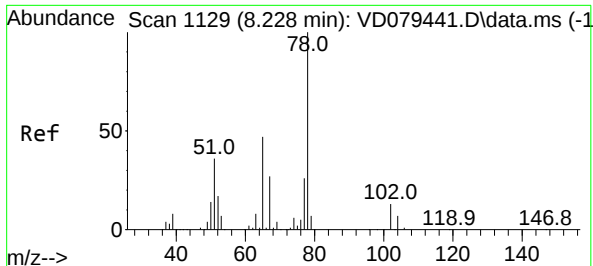
Tgt Ion:168 Resp: 2213
Ion Ratio Lower Upper
168 100
99 34.2 41.1 61.7#



#20
Methylene Chloride
Concen: 12.965 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079659.D
Acq: 08 Aug 2024 00:51

Tgt Ion: 84 Resp: 772
Ion Ratio Lower Upper
84 100
49 93.2 75.6 113.4
51 47.3 24.2 36.2#
86 94.8 49.2 73.8#





#33

1,2-Dichloroethane-d4

Concen: 131.572 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD079659.D

Acq: 08 Aug 2024 00:51

Instrument :

MSVOA_D

ClientSampleId :

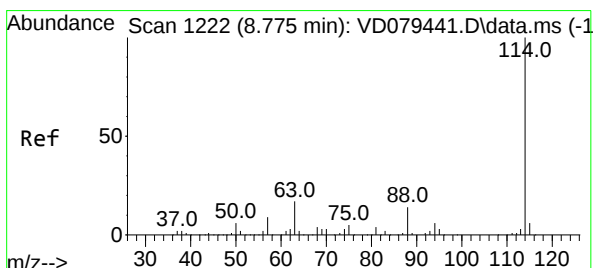
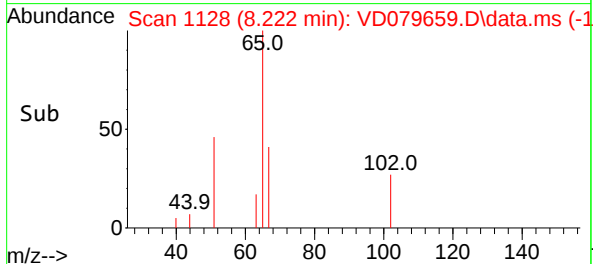
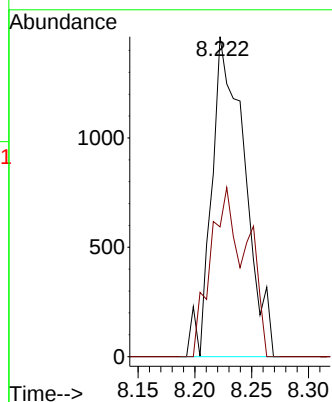
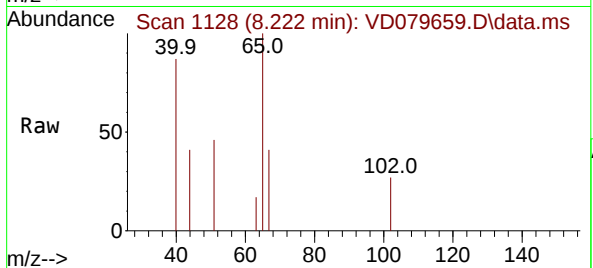
HD-01-080624

Tgt Ion: 65 Resp: 2958

Ion Ratio Lower Upper

65 100

67 41.7 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: VD079659.D

Acq: 08 Aug 2024 00:51

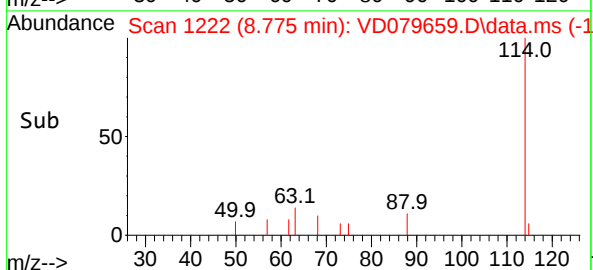
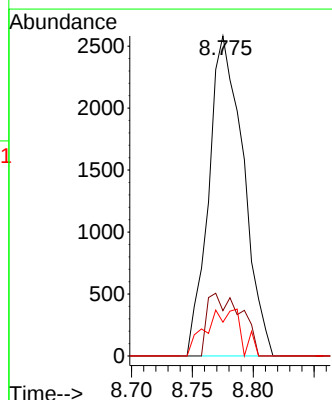
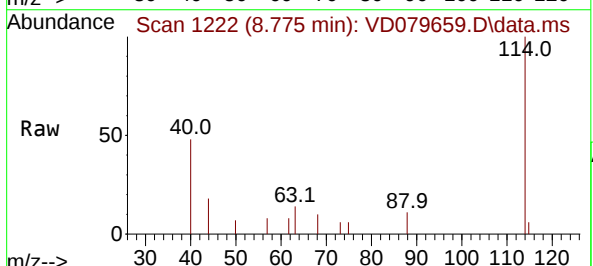
Tgt Ion: 114 Resp: 5104

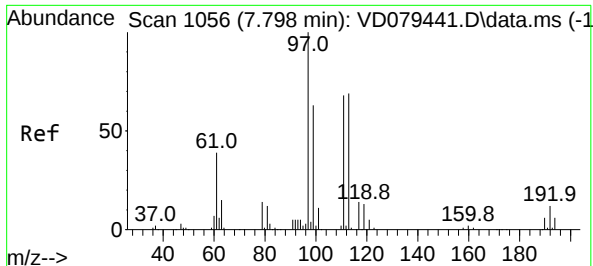
Ion Ratio Lower Upper

114 100

63 14.2 0.0 34.0

88 10.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 77.751 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079659.D

Acq: 08 Aug 2024 00:51

Instrument :

MSVOA_D

ClientSampleId :

HD-01-080624

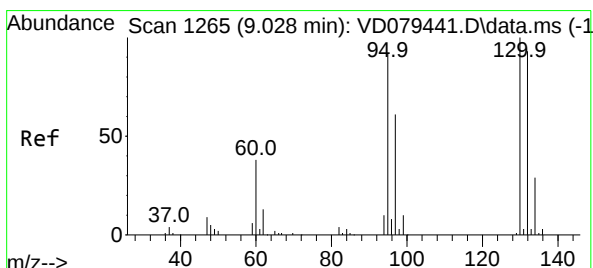
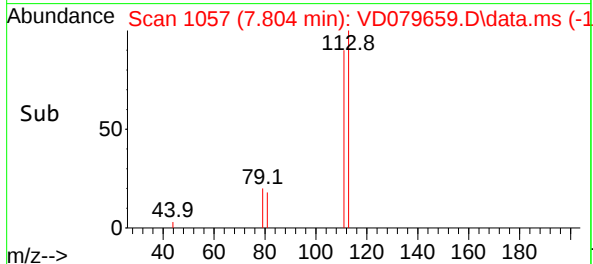
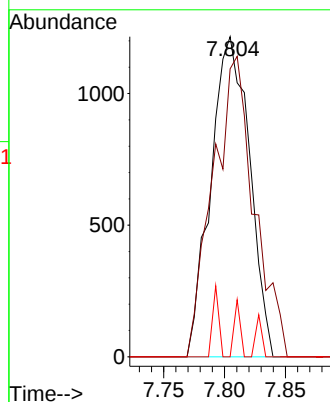
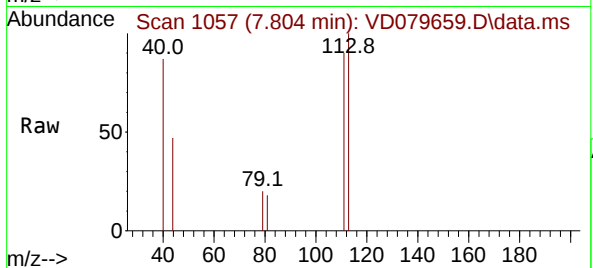
Tgt Ion:113 Resp: 2686

Ion Ratio Lower Upper

113 100

111 99.9 84.0 126.0

192 2.9 15.4 23.0#



#44

Trichloroethene

Concen: 37.526 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079659.D

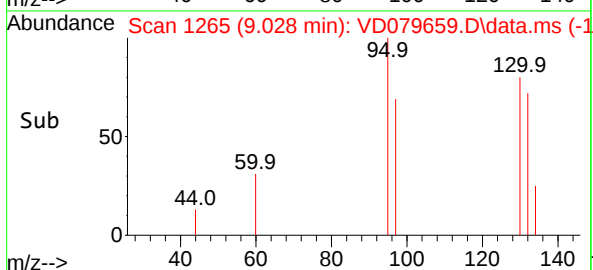
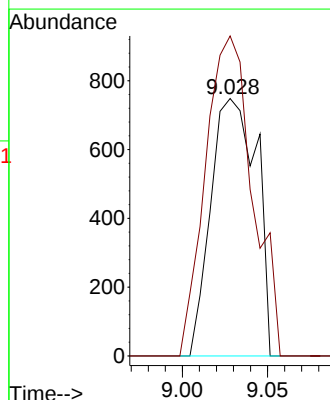
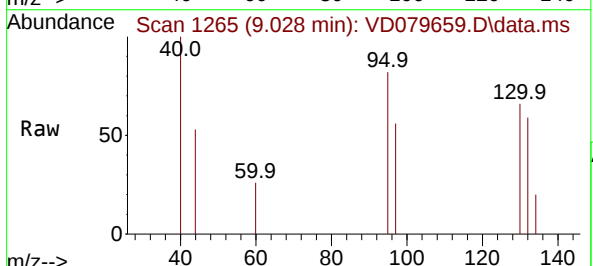
Acq: 08 Aug 2024 00:51

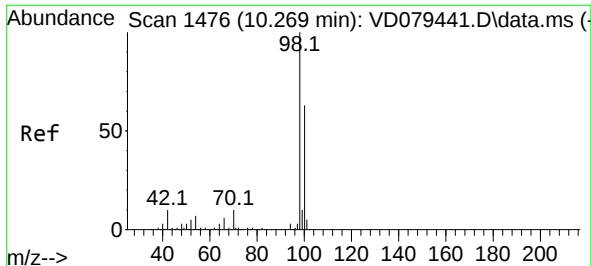
Tgt Ion:130 Resp: 1399

Ion Ratio Lower Upper

130 100

95 124.3 0.0 177.8

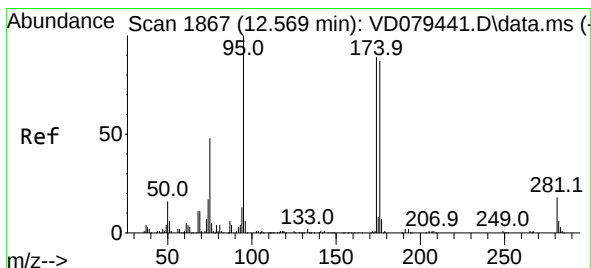
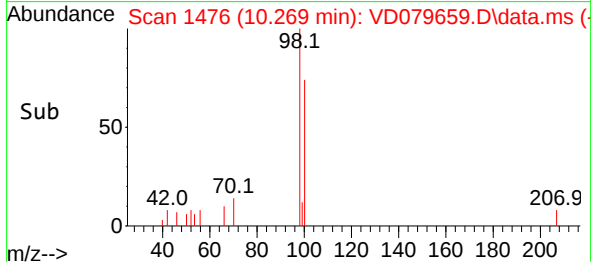
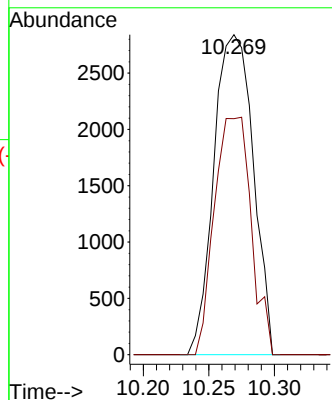
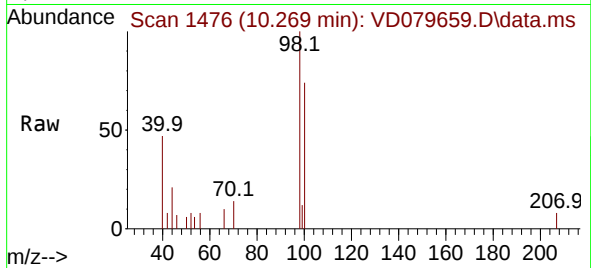




#50
Toluene-d8
Concen: 44.240 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079659.D
Acq: 08 Aug 2024 00:51

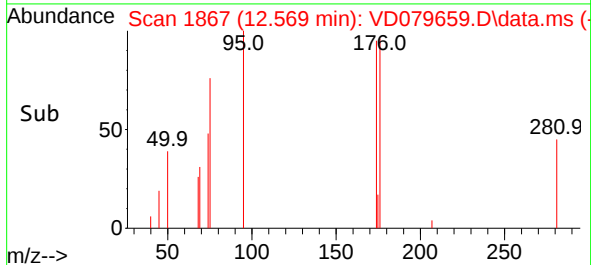
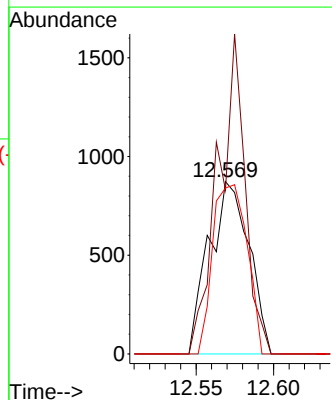
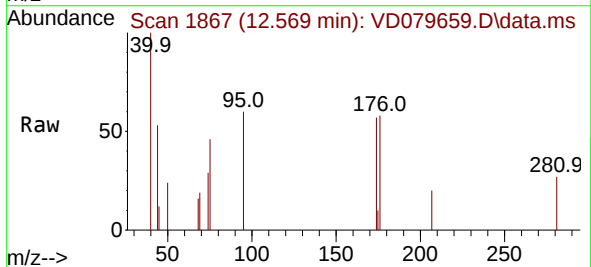
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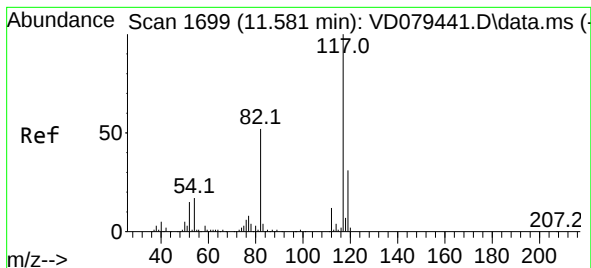
Tgt Ion: 98 Resp: 5935
Ion Ratio Lower Upper
98 100
100 69.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.415 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079659.D
Acq: 08 Aug 2024 00:51

Tgt Ion: 95 Resp: 1569
Ion Ratio Lower Upper
95 100
174 124.3 0.0 195.4
176 84.4 0.0 192.6

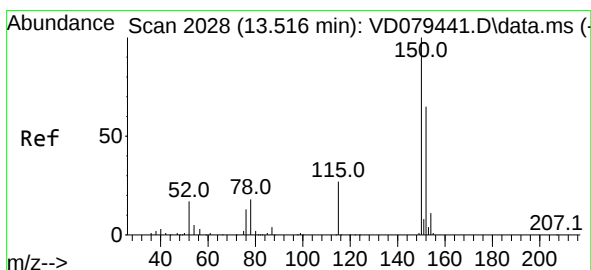
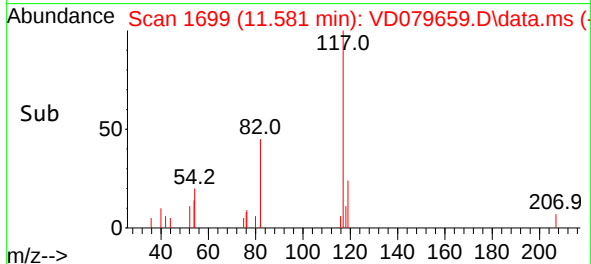
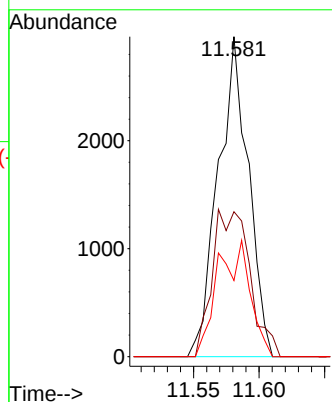
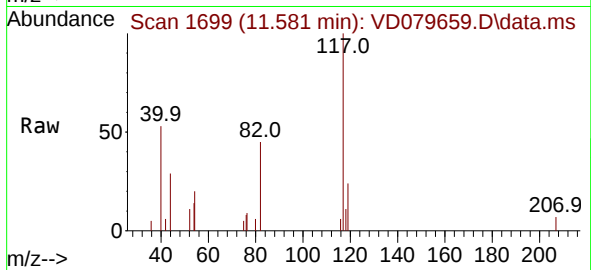




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079659.D
Acq: 08 Aug 2024 00:51

Instrument :
MSVOA_D
ClientSampleId :
HD-01-080624

Tgt Ion:117	Resp:	4752
Ion	Ratio	Lower Upper
117	100	
82	45.3	39.8 59.6
119	23.8	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: VD079659.D
Acq: 08 Aug 2024 00:51

Tgt Ion:152	Resp:	1713
Ion	Ratio	Lower Upper
152	100	
115	56.6	26.5 79.5
150	154.8	0.0 341.6

