

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079660.D
 Acq On : 08 Aug 2024 01:18
 Operator : RP/MD
 Sample : P3488-03
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-080624

Quant Time: Aug 08 05:39:23 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)

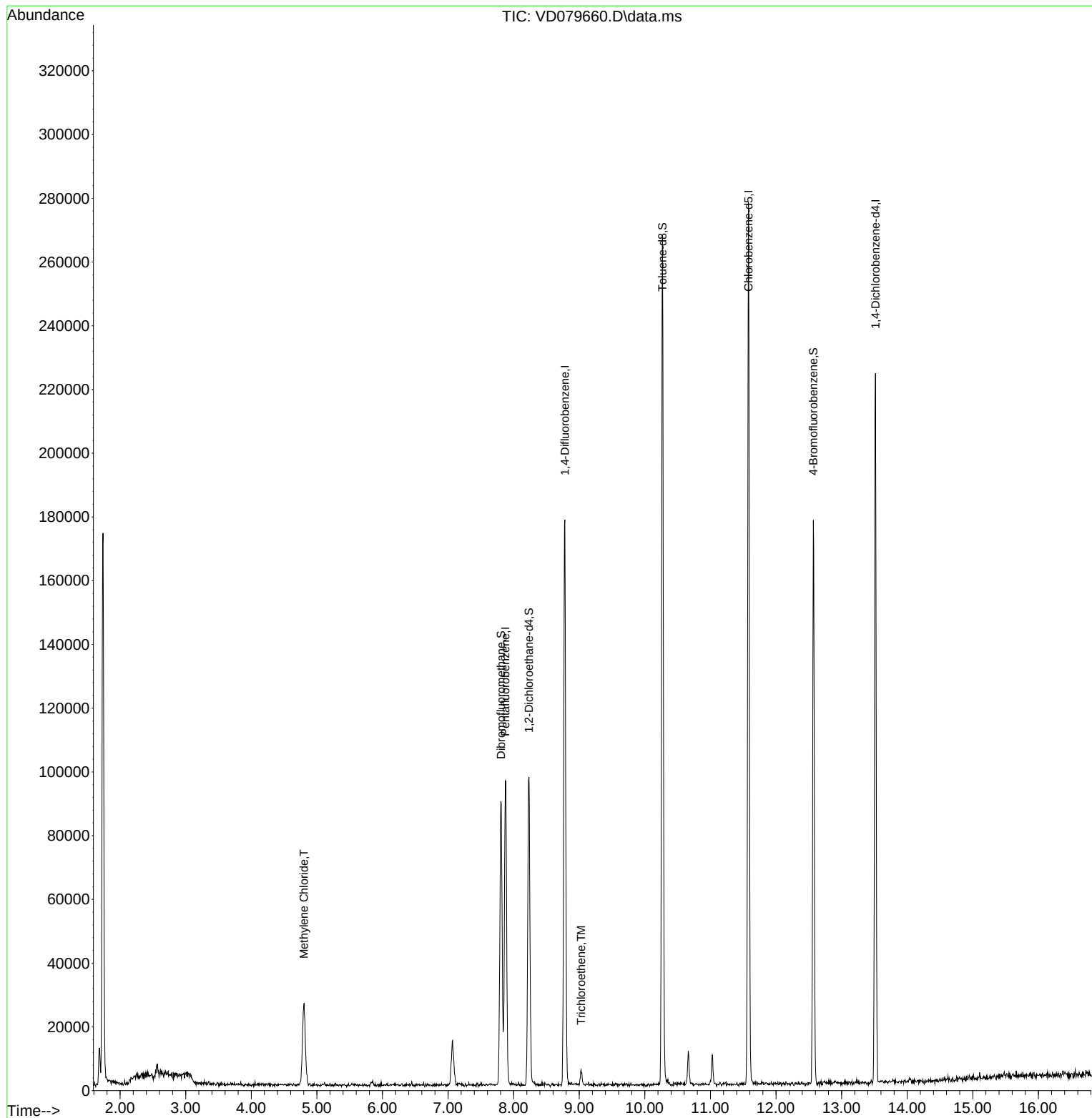
Internal Standards						
1) Pentafluorobenzene	7.875	168	78674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	163040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76903	96.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.440%#	
35) Dibromofluoromethane	7.810	113	67541	61.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.400%	
50) Toluene-d8	10.269	98	191145	44.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.200%	
62) 4-Bromofluorobenzene	12.569	95	54761	44.158	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.320%	
Target Compounds						
20) Methylene Chloride	4.805	84	20176	2.602	ug/l #	88
44) Trichloroethene	9.028	130	2058	1.728	ug/l	81

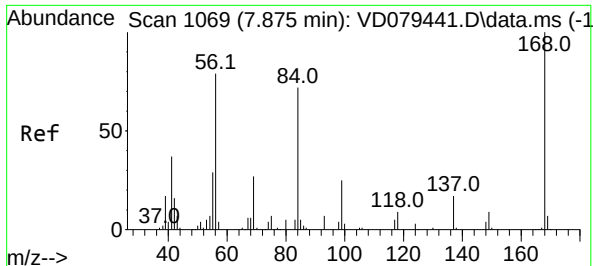
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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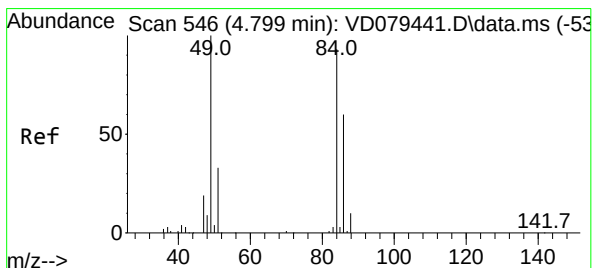
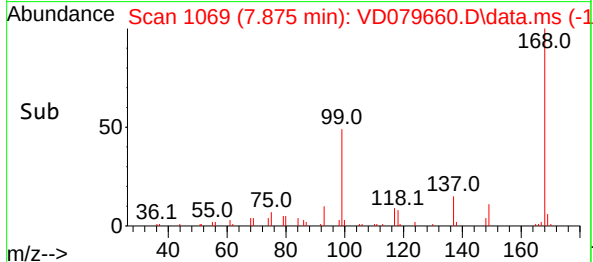
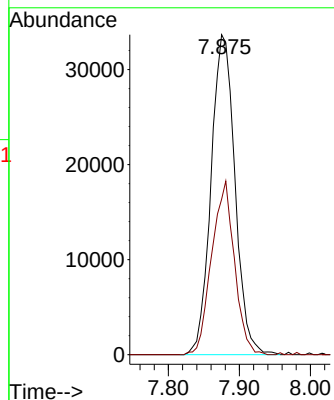
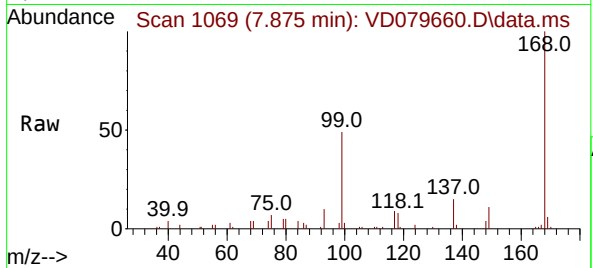




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079660.D
Acq: 08 Aug 2024 01:18

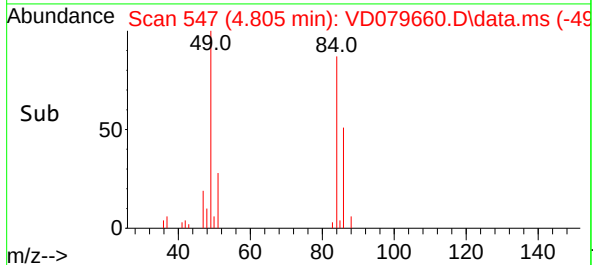
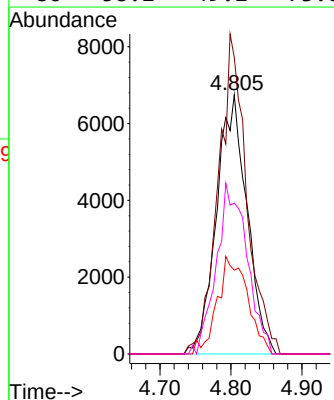
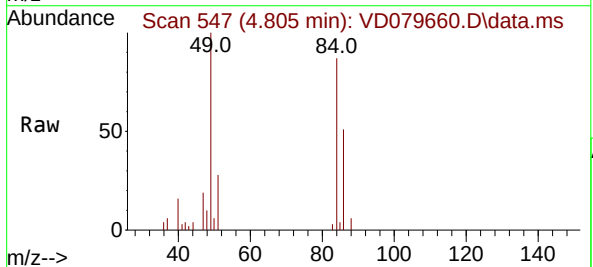
Instrument :
MSVOA_D
ClientSampleId :
HD-02-080624

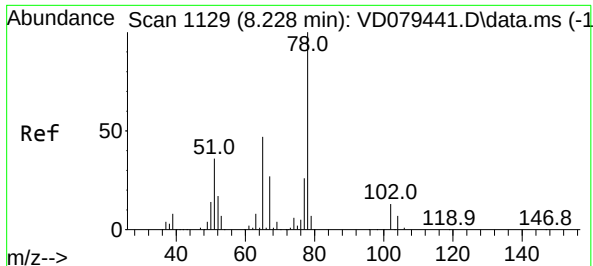
Tgt Ion:168 Resp: 78674
Ion Ratio Lower Upper
168 100
99 48.6 41.1 61.7



#20
Methylene Chloride
Concen: 2.602 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079660.D
Acq: 08 Aug 2024 01:18

Tgt Ion: 84 Resp: 20176
Ion Ratio Lower Upper
84 100
49 114.3 75.6 113.4#
51 32.3 24.2 36.2
86 58.2 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 96.219 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079660.D

Acq: 08 Aug 2024 01:18

Instrument :

MSVOA_D

ClientSampleId :

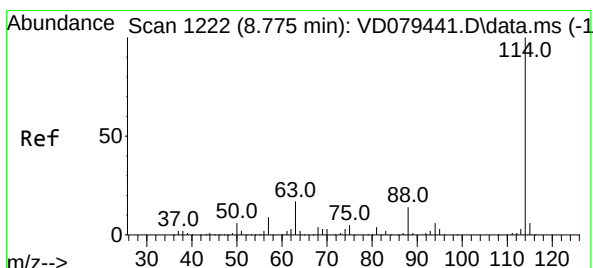
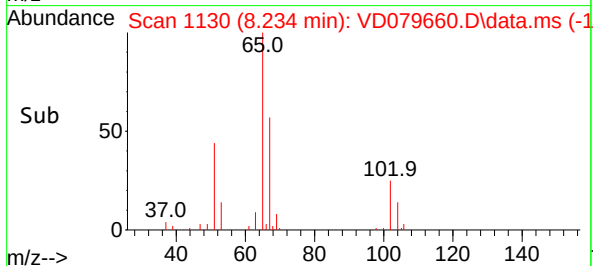
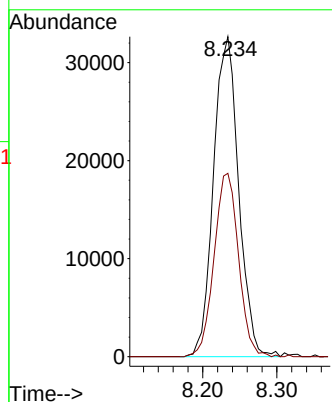
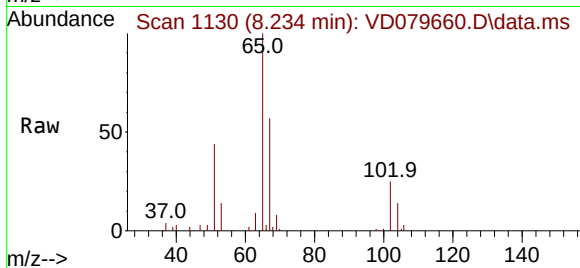
HD-02-080624

Tgt Ion: 65 Resp: 76903

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079660.D

Acq: 08 Aug 2024 01:18

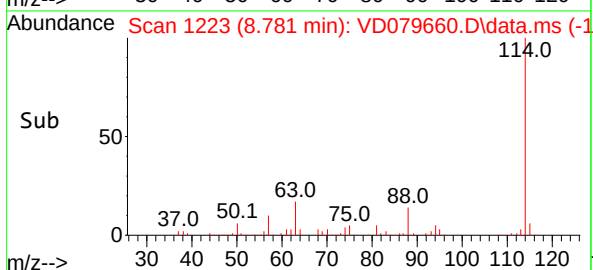
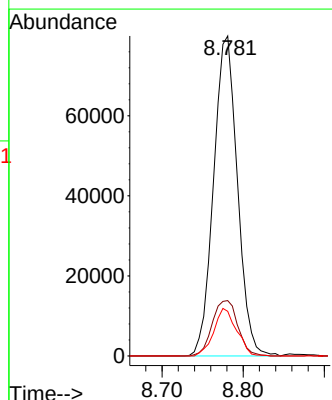
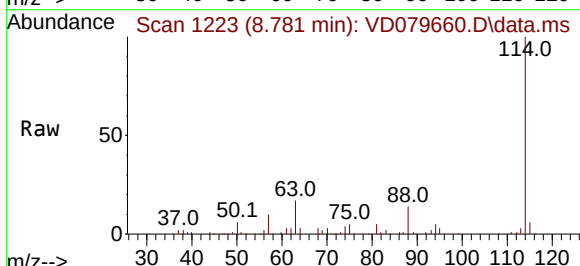
Tgt Ion: 114 Resp: 163040

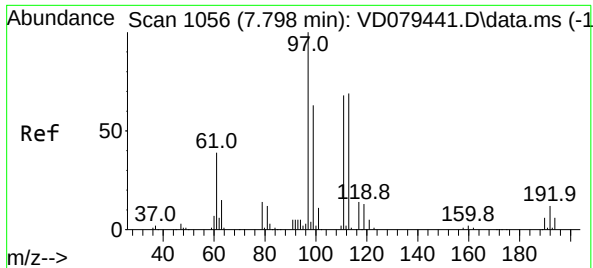
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

88 13.9 0.0 27.2

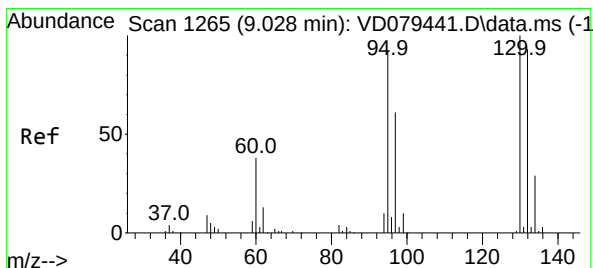
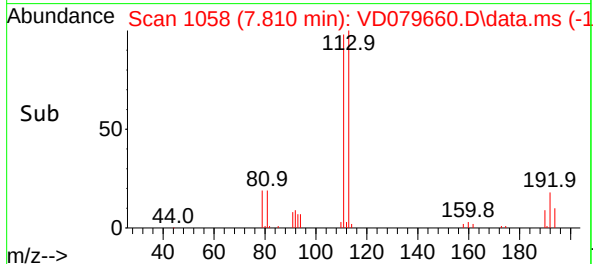
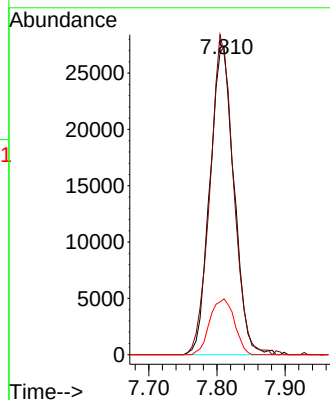
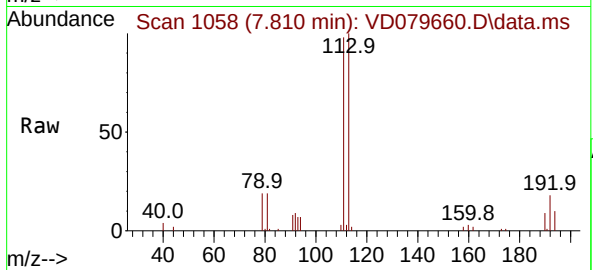




#35
Dibromofluoromethane
Concen: 61.204 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079660.D
Acq: 08 Aug 2024 01:18

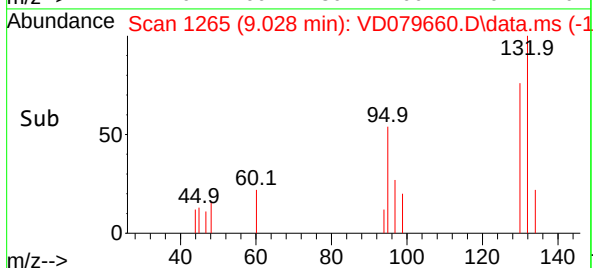
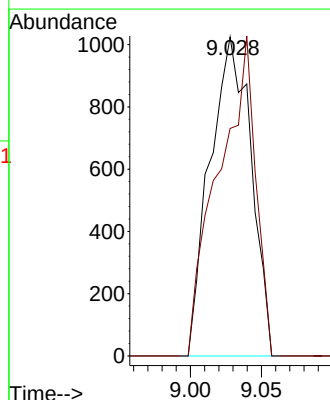
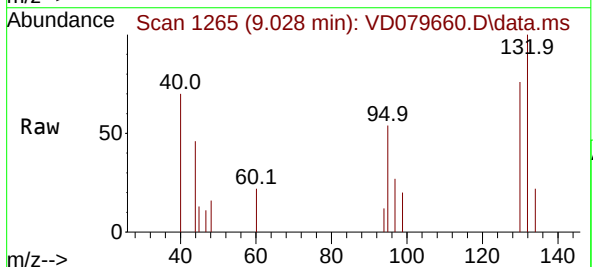
Instrument :
MSVOA_D
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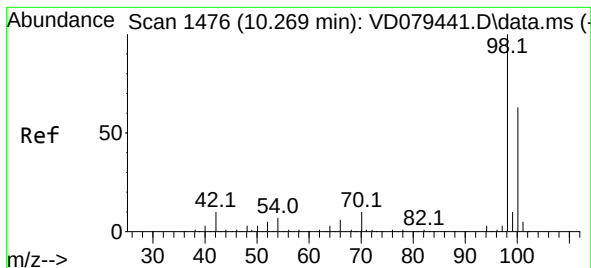
Tgt Ion:113 Resp: 67541
Ion Ratio Lower Upper
113 100
111 100.4 84.0 126.0
192 18.4 15.4 23.0



#44
Trichloroethene
Concen: 1.728 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079660.D
Acq: 08 Aug 2024 01:18

Tgt Ion:130 Resp: 2058
Ion Ratio Lower Upper
130 100
95 71.3 0.0 177.8

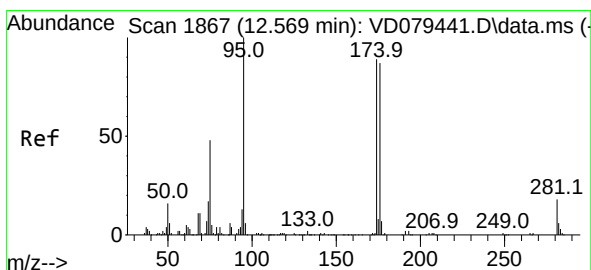
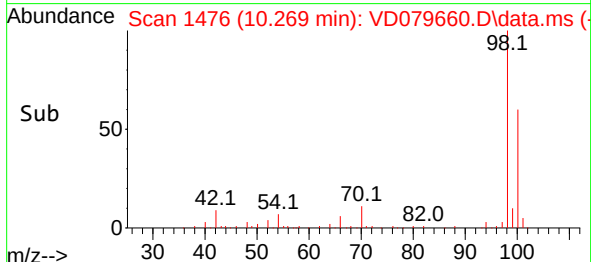
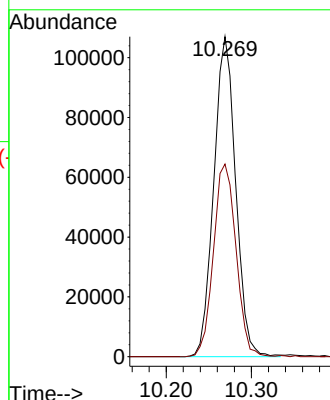
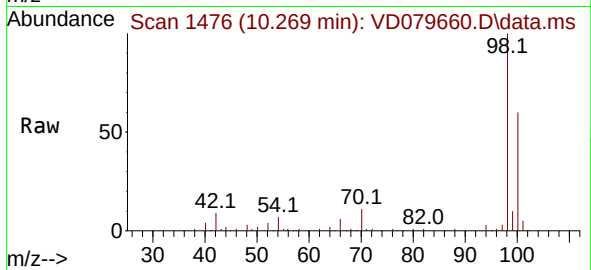




#50
Toluene-d8
Concen: 44.604 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079660.D
Acq: 08 Aug 2024 01:18

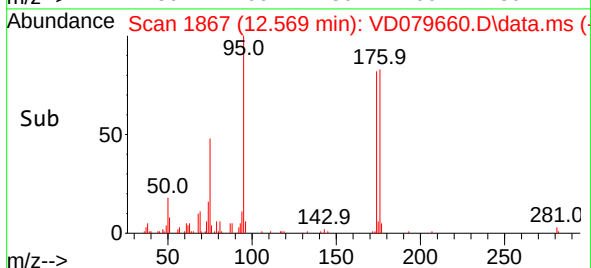
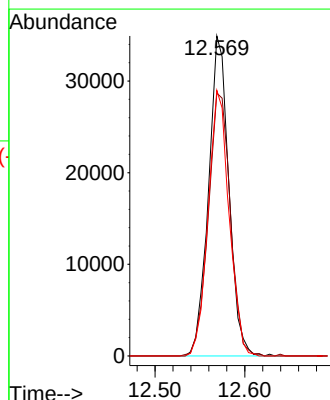
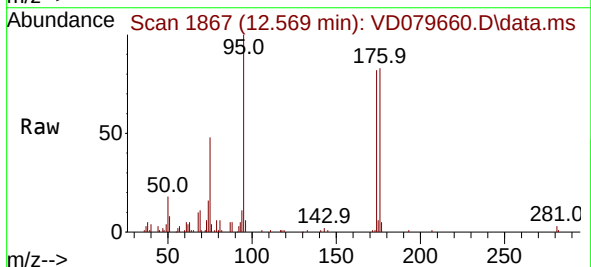
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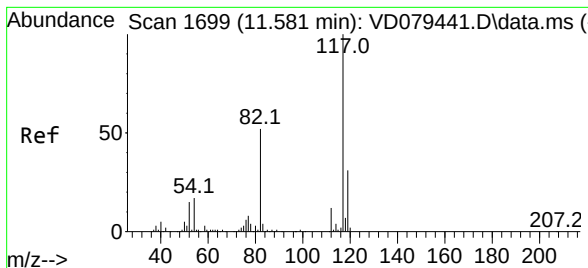
Tgt Ion: 98 Resp: 191145
Ion Ratio Lower Upper
98 100
100 62.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.158 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079660.D
Acq: 08 Aug 2024 01:18

Tgt Ion: 95 Resp: 54761
Ion Ratio Lower Upper
95 100
174 89.3 0.0 195.4
176 85.7 0.0 192.6

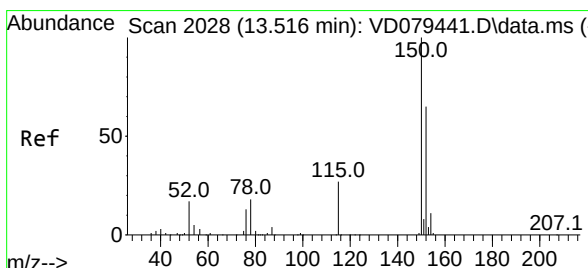
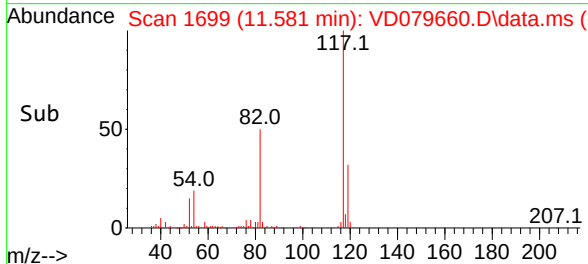
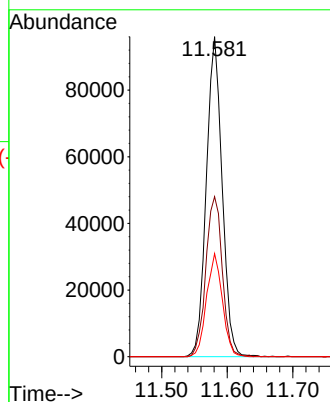
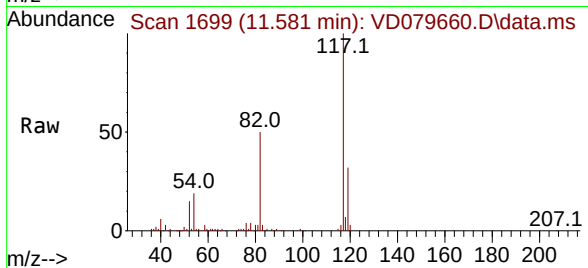




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079660.D
Acq: 08 Aug 2024 01:18

Instrument :
MSVOA_D
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Tgt Ion:117 Resp: 161052
Ion Ratio Lower Upper
117 100
82 50.0 39.8 59.6
119 32.2 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: VD079660.D
Acq: 08 Aug 2024 01:18

Tgt Ion:152 Resp: 62842
Ion Ratio Lower Upper
152 100
115 55.9 26.5 79.5
150 155.0 0.0 341.6

