

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076879.D
 Acq On : 31 Jul 2023 17:24
 Operator : KP/SY
 Sample : 03826-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-072823

Quant Time: Aug 01 02:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

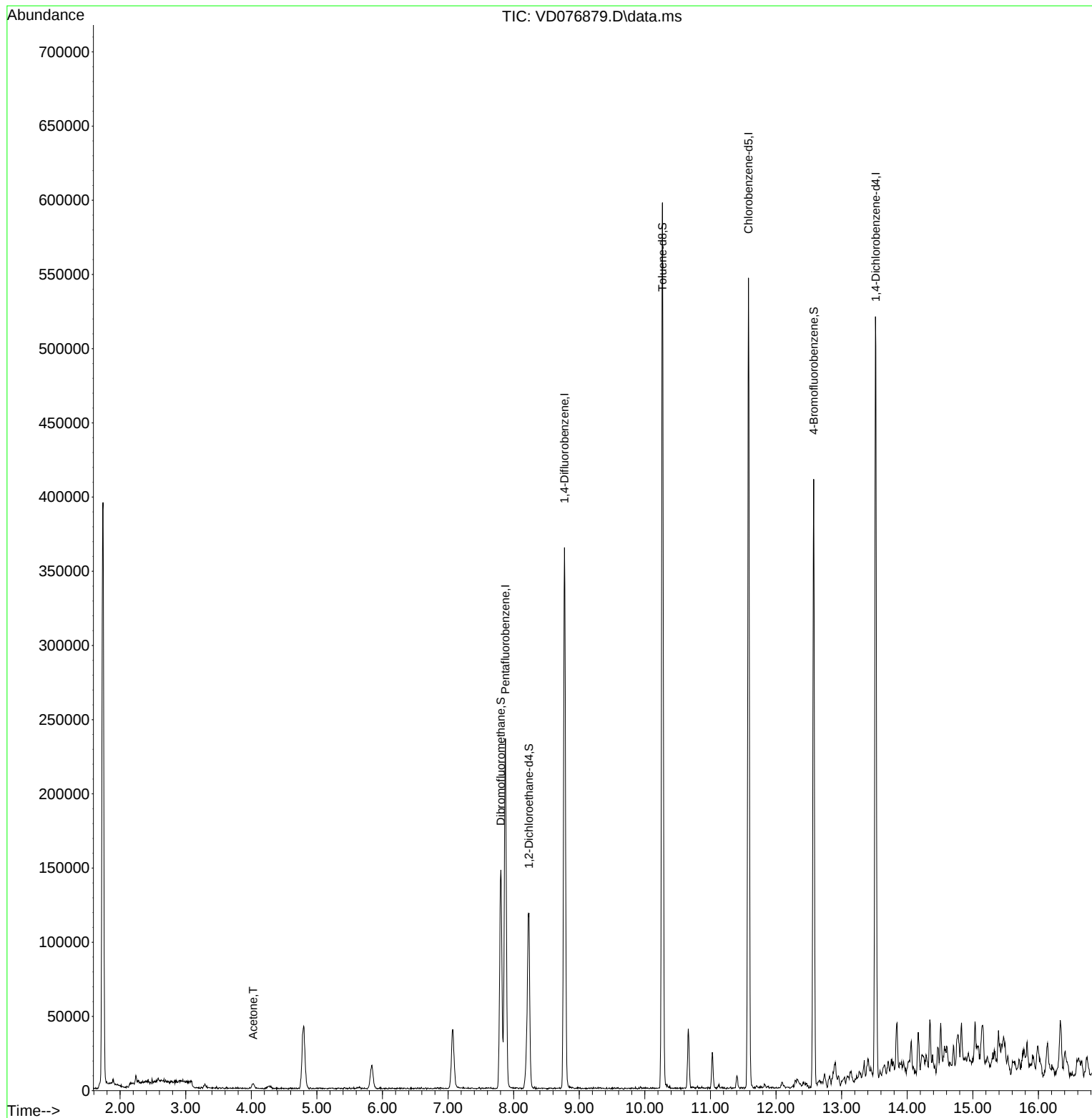
Internal Standards						
1) Pentafluorobenzene	7.875	168	174850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	339618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	138795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90870	52.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.360%	
35) Dibromofluoromethane	7.804	113	111530	52.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.269	98	416904	54.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.575	95	120176	48.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.320%	
Target Compounds						
16) Acetone	4.028	43	5636	13.551	ug/l	Qvalue 91

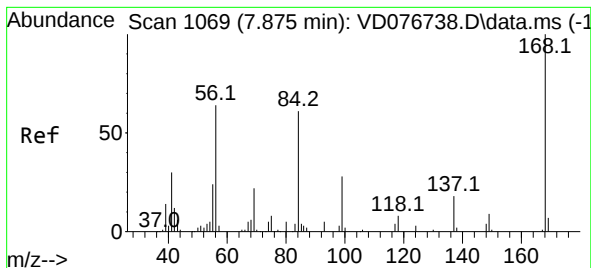
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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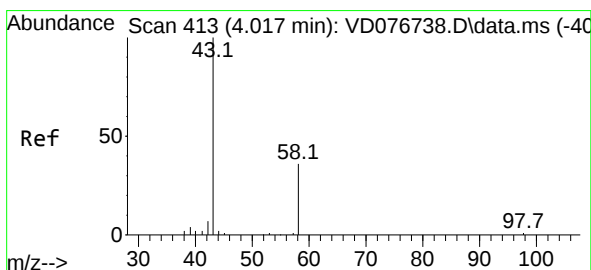
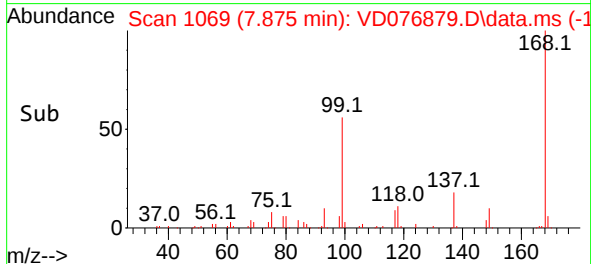
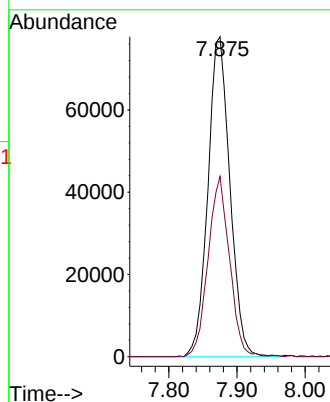
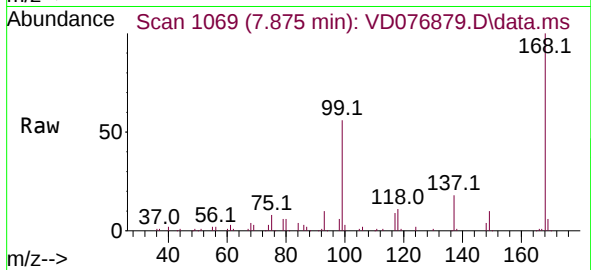




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076879.D
Acq: 31 Jul 2023 17:24

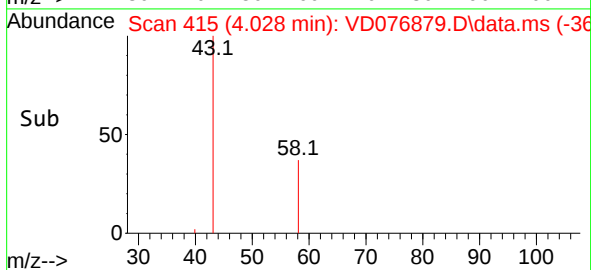
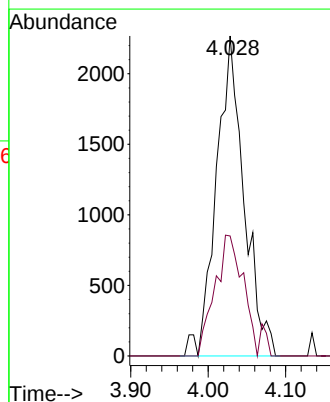
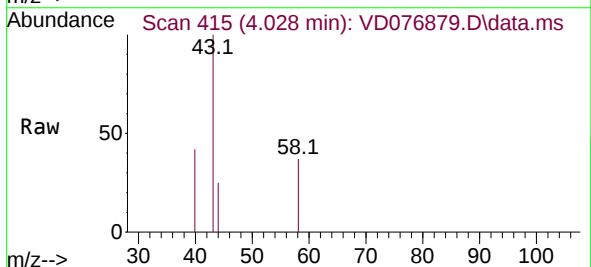
Instrument :
MSVOA_D
ClientSampleId :
HR-01-072823

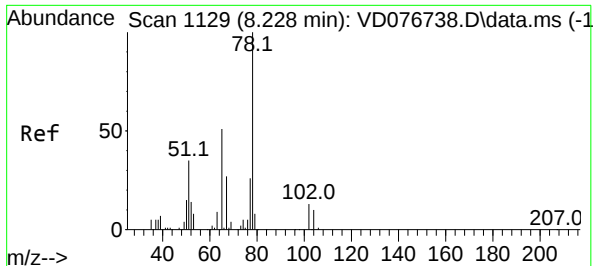
Tgt Ion:168 Resp: 174850
Ion Ratio Lower Upper
168 100
99 56.1 36.7 55.1#



#16
Acetone
Concen: 13.551 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076879.D
Acq: 31 Jul 2023 17:24

Tgt Ion: 43 Resp: 5636
Ion Ratio Lower Upper
43 100
58 37.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.177 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076879.D

Acq: 31 Jul 2023 17:24

Instrument :

MSVOA_D

ClientSampleId :

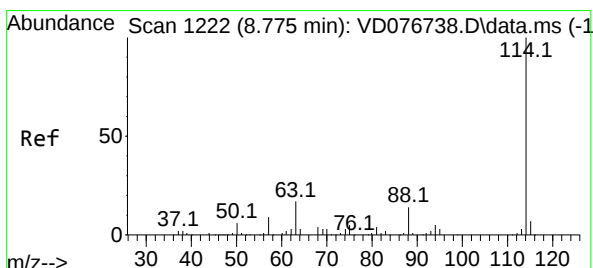
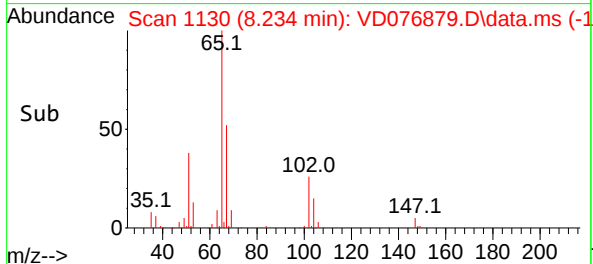
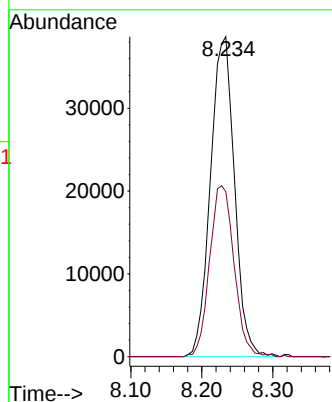
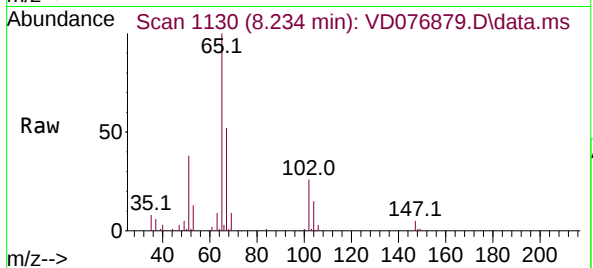
HR-01-072823

Tgt Ion: 65 Resp: 90870

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076879.D

Acq: 31 Jul 2023 17:24

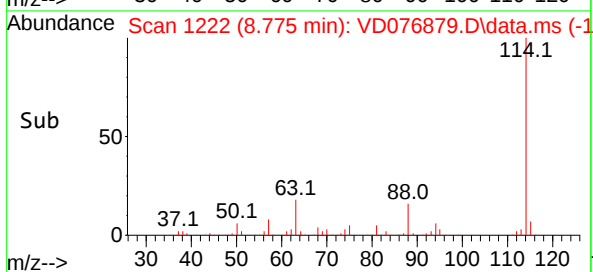
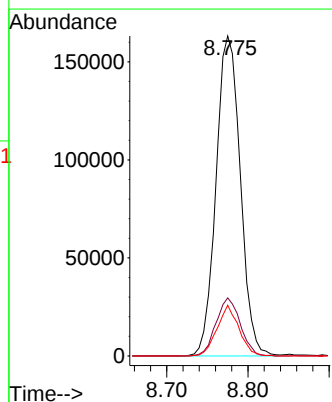
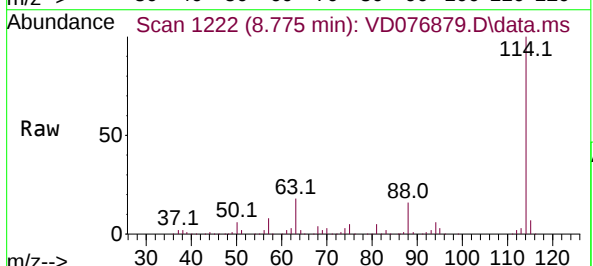
Tgt Ion: 114 Resp: 339618

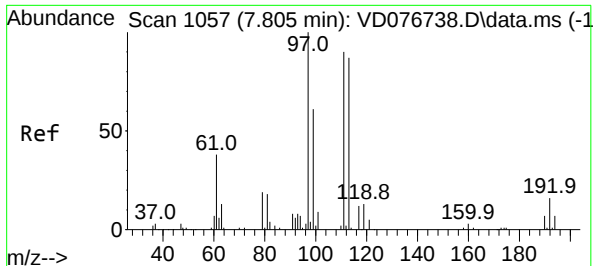
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 15.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.259 ug/l

RT: 7.804 min Scan# 111530

Delta R.T. -0.001 min

Lab File: VD076879.D

Acq: 31 Jul 2023 17:24

Instrument :

MSVOA_D

ClientSampleId :

HR-01-072823

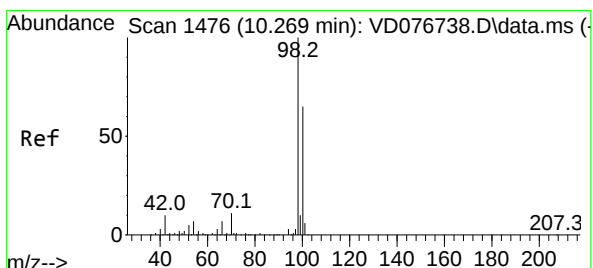
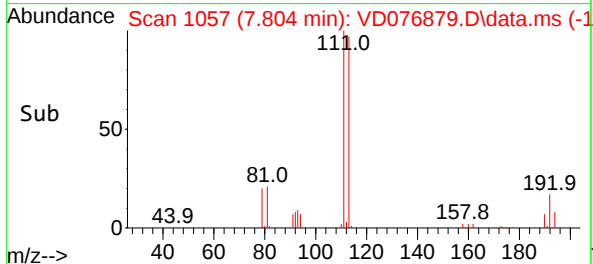
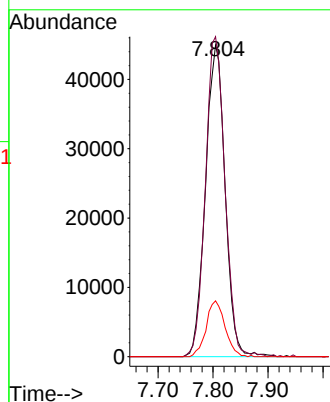
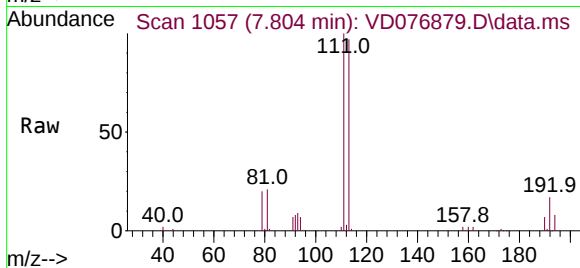
Tgt Ion:113 Resp: 111530

Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 17.3 16.8 25.2



#50

Toluene-d8

Concen: 54.606 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076879.D

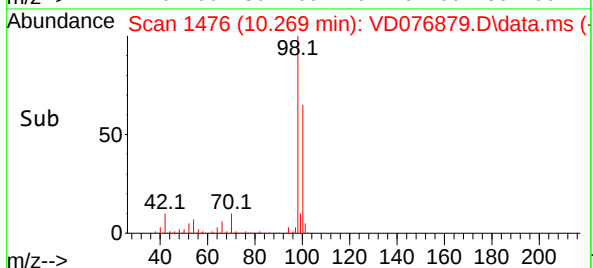
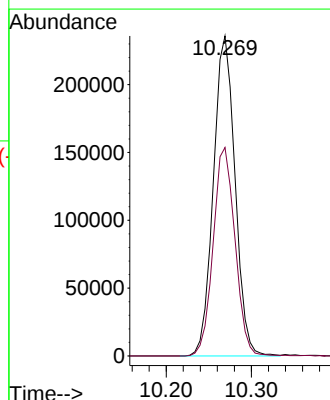
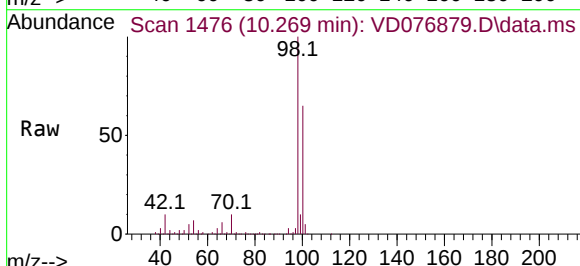
Acq: 31 Jul 2023 17:24

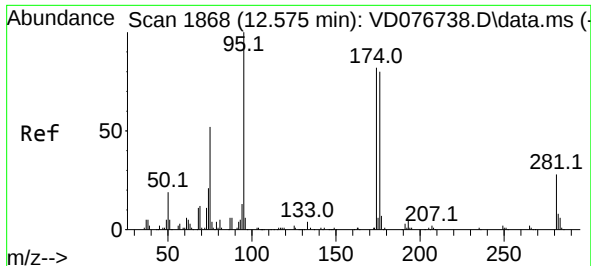
Tgt Ion: 98 Resp: 416904

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5

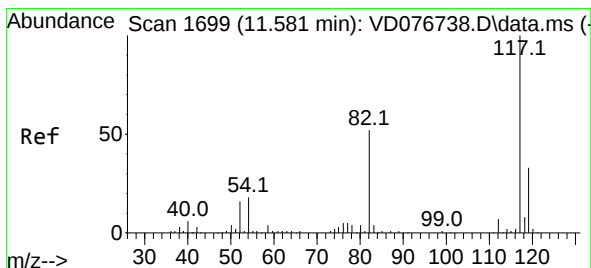
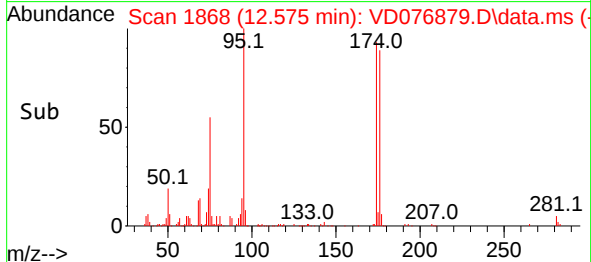
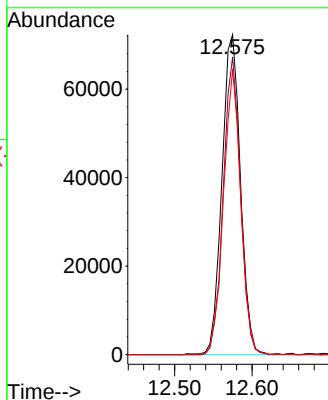
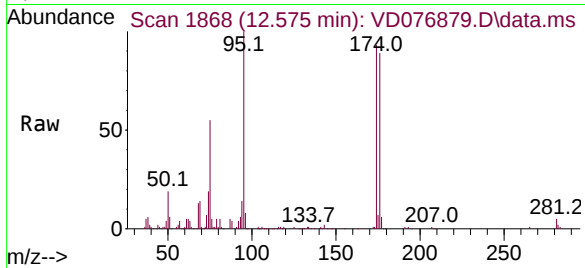




#62
4-Bromofluorobenzene
Concen: 48.657 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076879.D
Acq: 31 Jul 2023 17:24

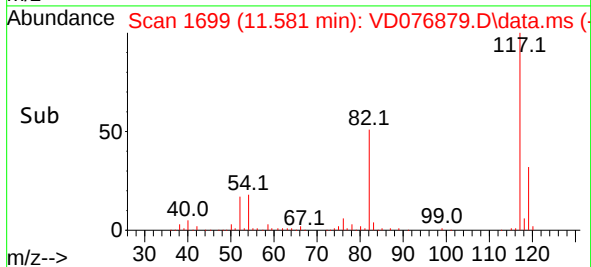
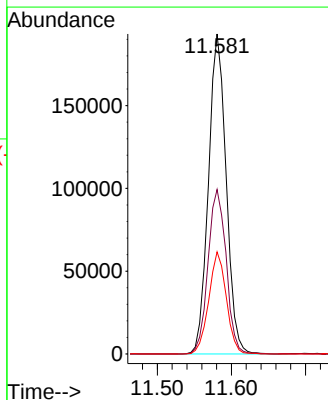
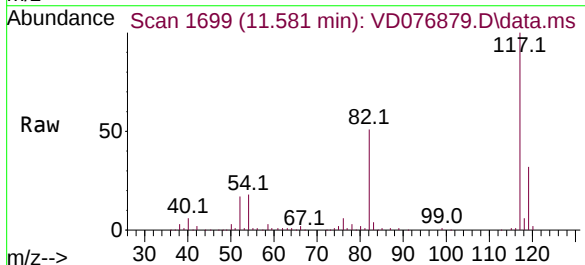
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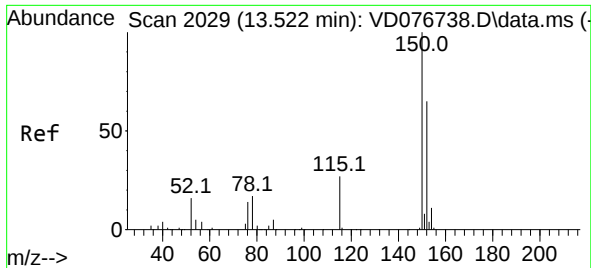
Tgt Ion: 95 Resp: 120176
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 82.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076879.D
Acq: 31 Jul 2023 17:24

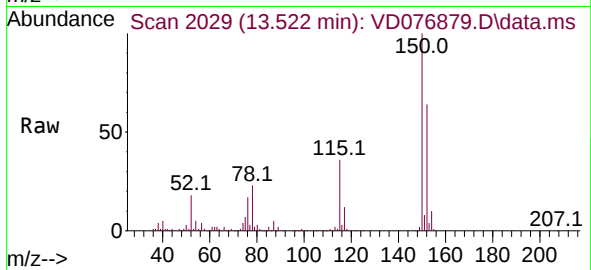
Tgt Ion: 117 Resp: 321269
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 31.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076879.D
 Acq: 31 Jul 2023 17:24

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-072823



Tgt Ion:152 Resp: 138795
 Ion Ratio Lower Upper
 152 100
 115 58.3 27.1 81.3
 150 159.5 0.0 353.6

