

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077465.D
 Acq On : 31 Oct 2023 17:09
 Operator : JC/SY
 Sample : 05162-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-10302023

Quant Time: Nov 01 06:09:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

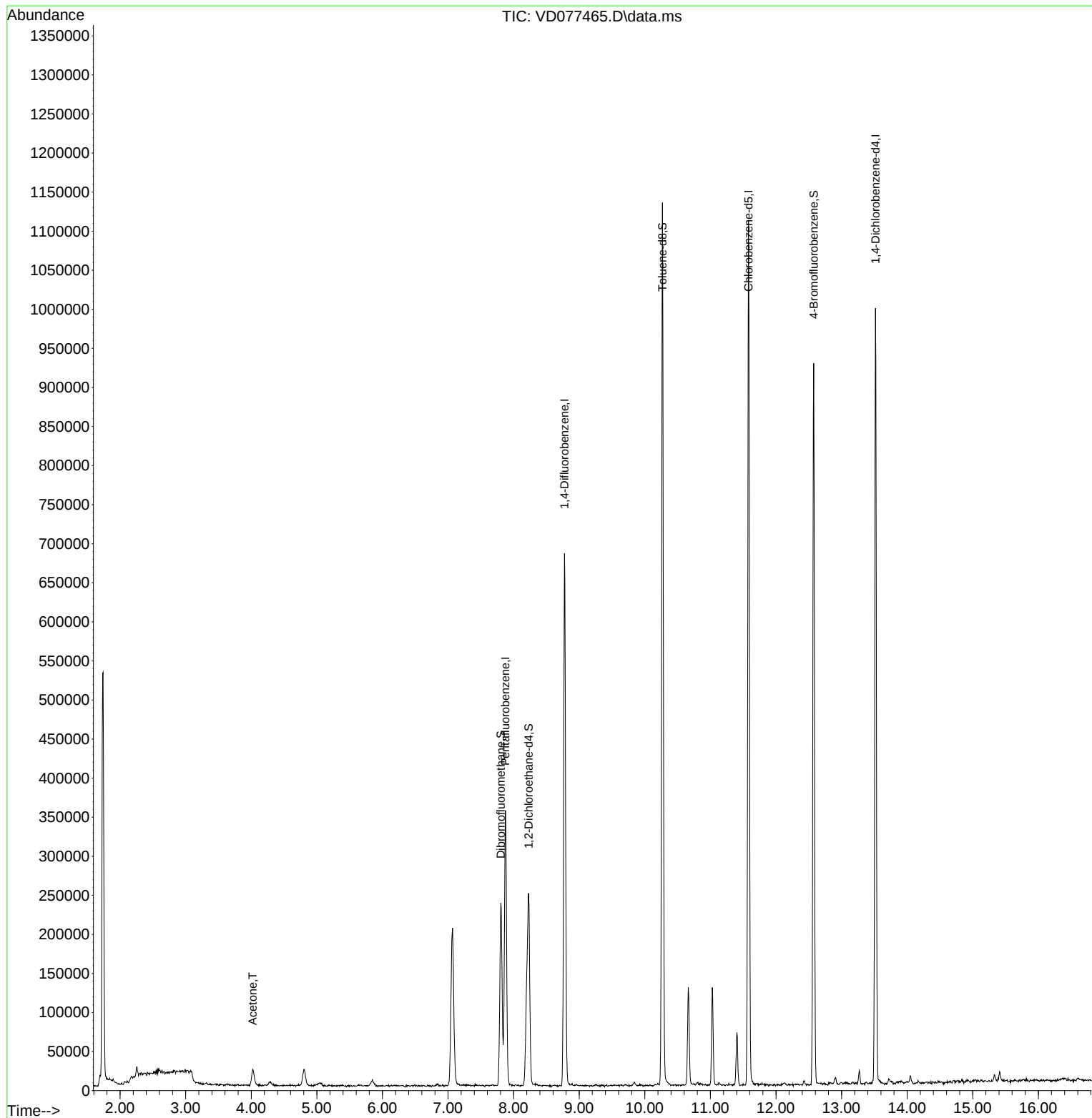
Internal Standards						
1) Pentafluorobenzene	7.875	168	253022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	544124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	567681	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	245352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	170382	47.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.805	113	170445	45.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.640%
50) Toluene-d8	10.269	98	720351	49.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.575	95	275650	56.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.060%
Target Compounds						
16) Acetone	4.022	43	37007	39.089	ug/l	# 78

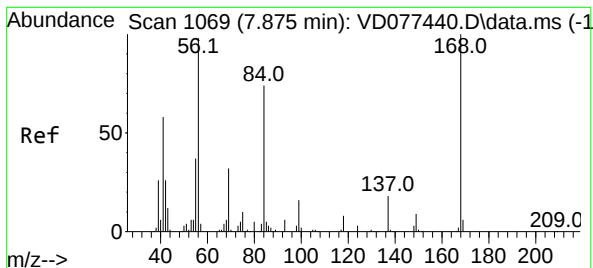
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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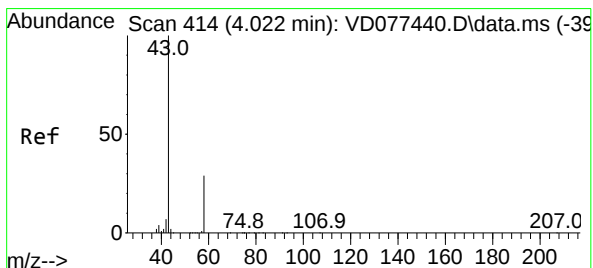
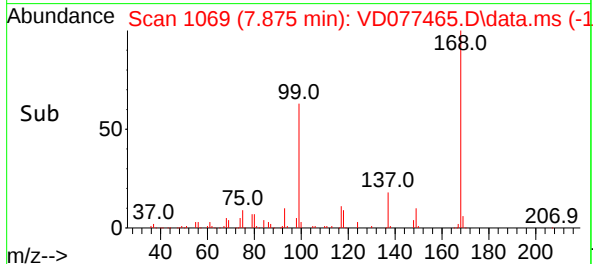
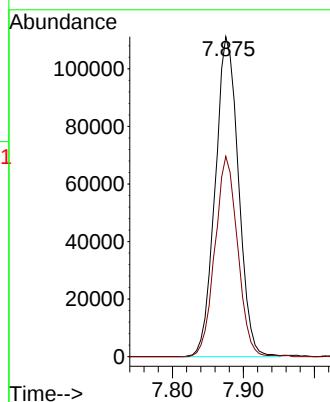
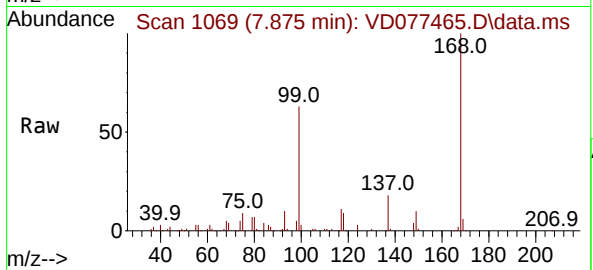




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077465.D
Acq: 31 Oct 2023 17:09

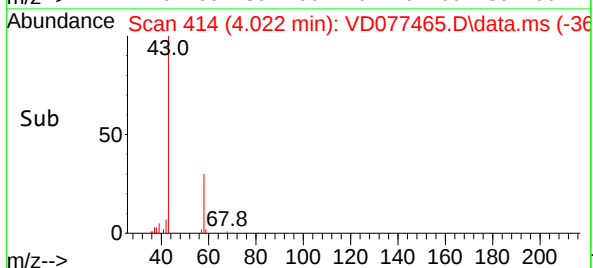
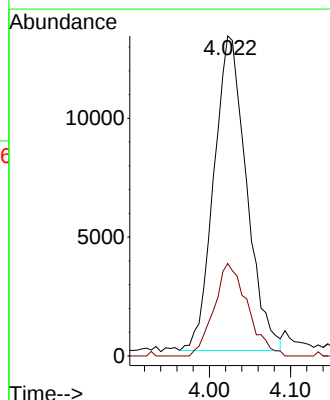
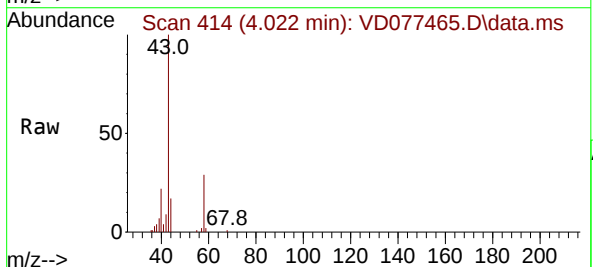
Instrument :
MSVOA_D
ClientSampleId :
HD-02-10302023

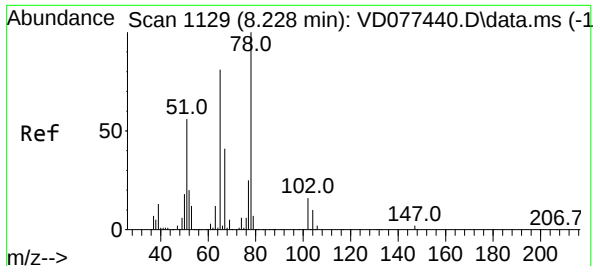
Tgt Ion:168 Resp: 253022
Ion Ratio Lower Upper
168 100
99 62.6 36.7 55.1#



#16
Acetone
Concen: 39.089 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077465.D
Acq: 31 Oct 2023 17:09

Tgt Ion: 43 Resp: 37007
Ion Ratio Lower Upper
43 100
58 29.4 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 47.621 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077465.D

Acq: 31 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

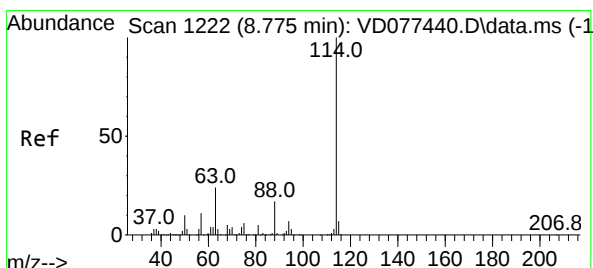
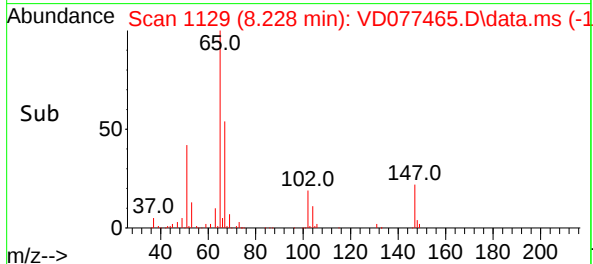
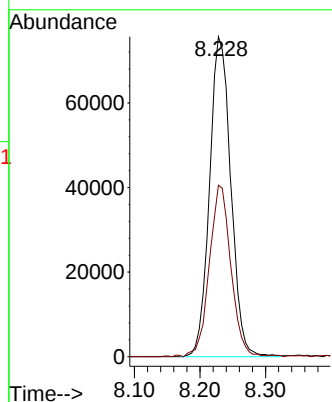
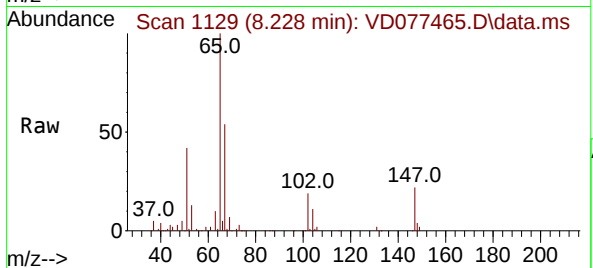
HD-02-10302023

Tgt Ion: 65 Resp: 170382

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: VD077465.D

Acq: 31 Oct 2023 17:09

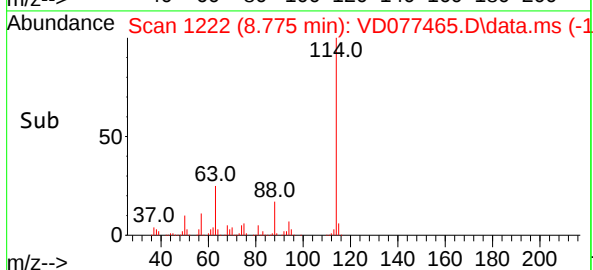
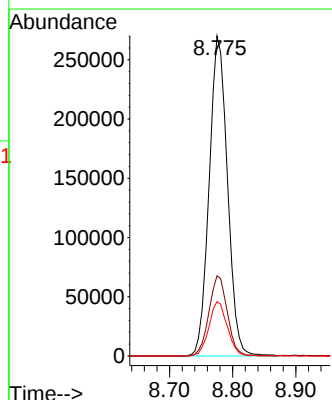
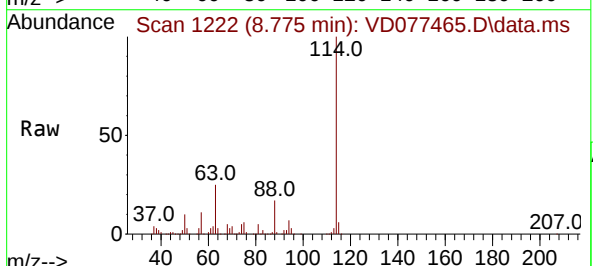
Tgt Ion: 114 Resp: 544124

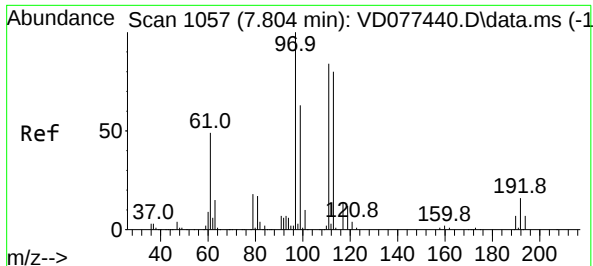
Ion Ratio Lower Upper

114 100

63 25.0 0.0 33.4

88 17.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.322 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077465.D

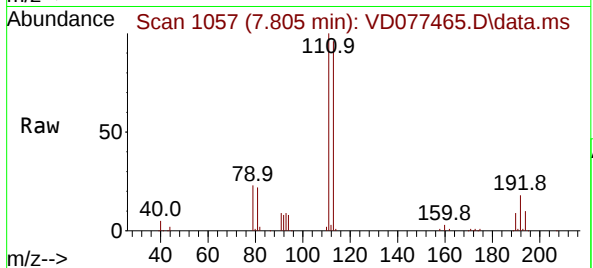
Acq: 31 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

HD-02-10302023



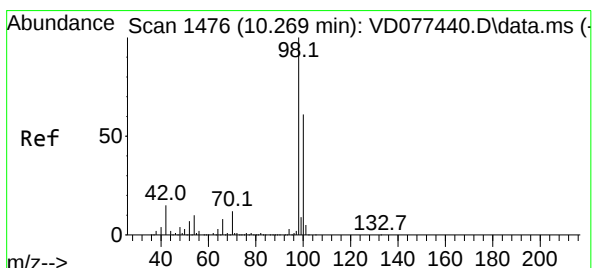
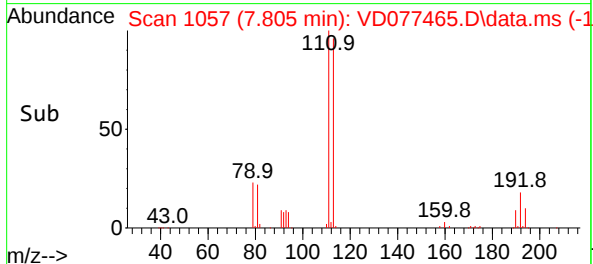
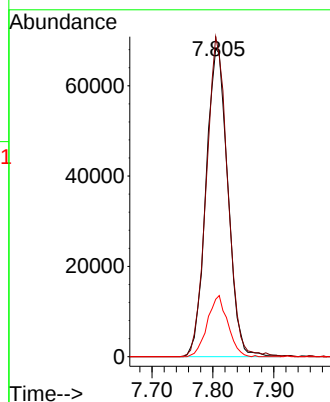
Tgt Ion:113 Resp: 170445

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 18.5 16.8 25.2



#50

Toluene-d8

Concen: 49.313 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077465.D

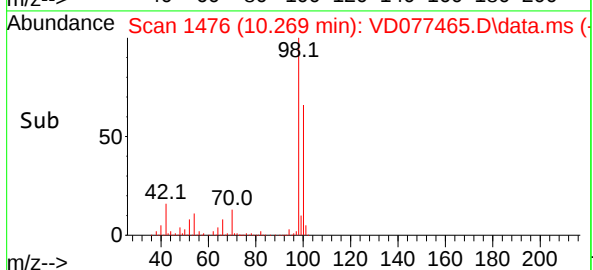
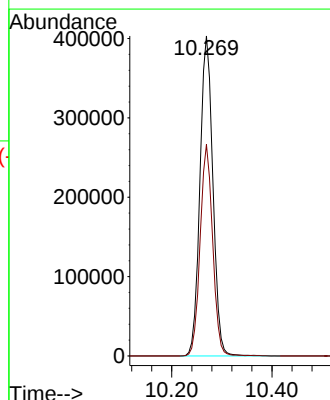
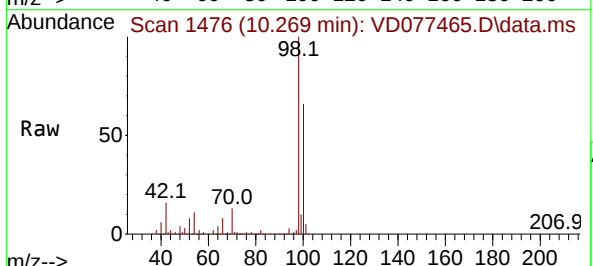
Acq: 31 Oct 2023 17:09

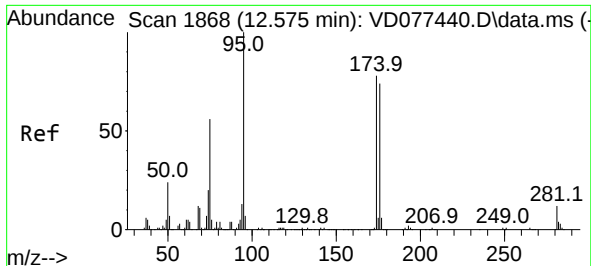
Tgt Ion: 98 Resp: 720351

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

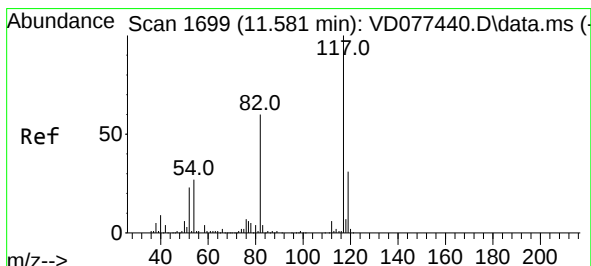
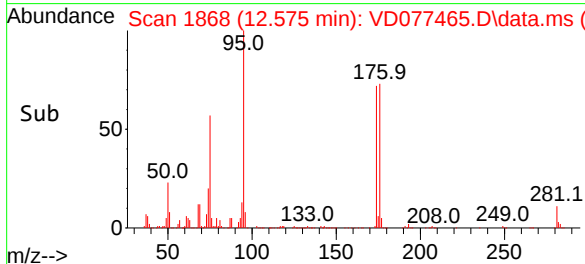
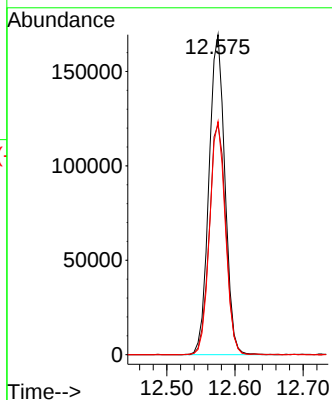
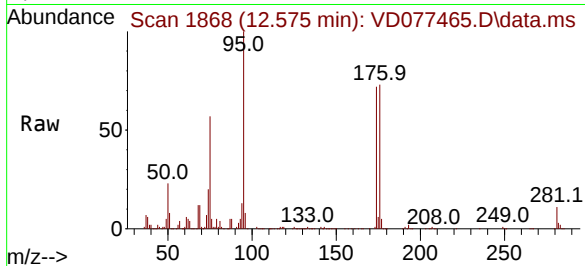




#62
4-Bromofluorobenzene
Concen: 56.026 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077465.D
Acq: 31 Oct 2023 17:09

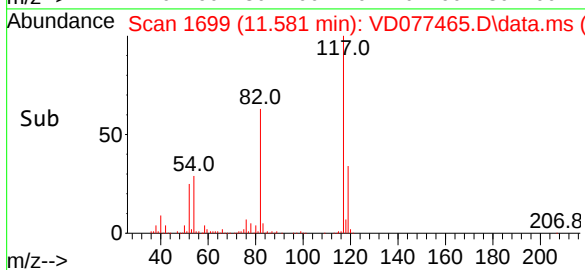
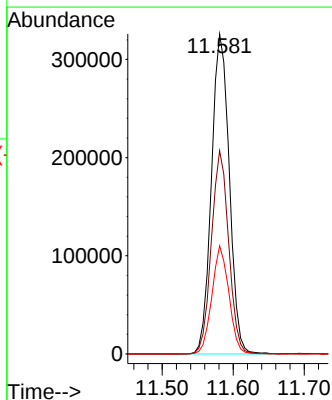
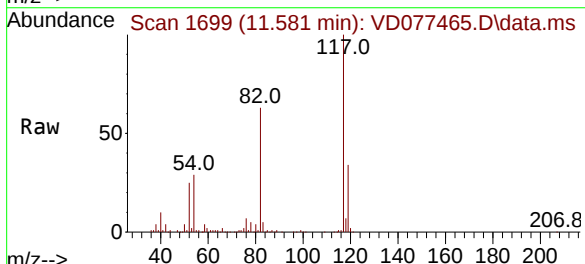
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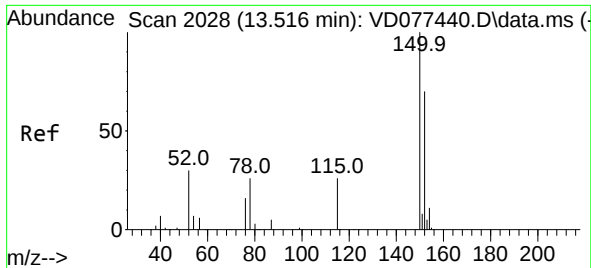
Tgt Ion: 95 Resp: 275650
Ion Ratio Lower Upper
95 100
174 74.5 0.0 201.8
176 71.8 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077465.D
Acq: 31 Oct 2023 17:09

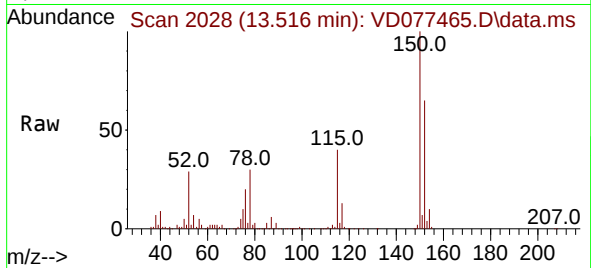
Tgt Ion: 117 Resp: 567681
Ion Ratio Lower Upper
117 100
82 63.5 38.3 57.5#
119 33.8 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077465.D
 Acq: 31 Oct 2023 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-10302023



Tgt Ion:152 Resp: 245352

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.1	81.3
150	156.3	0.0	353.6

