

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076497.D
 Acq On : 20 Jun 2023 17:47
 Operator : KP/SY
 Sample : 03289-20
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-4.0-6.0

Quant Time: Jun 21 06:49:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

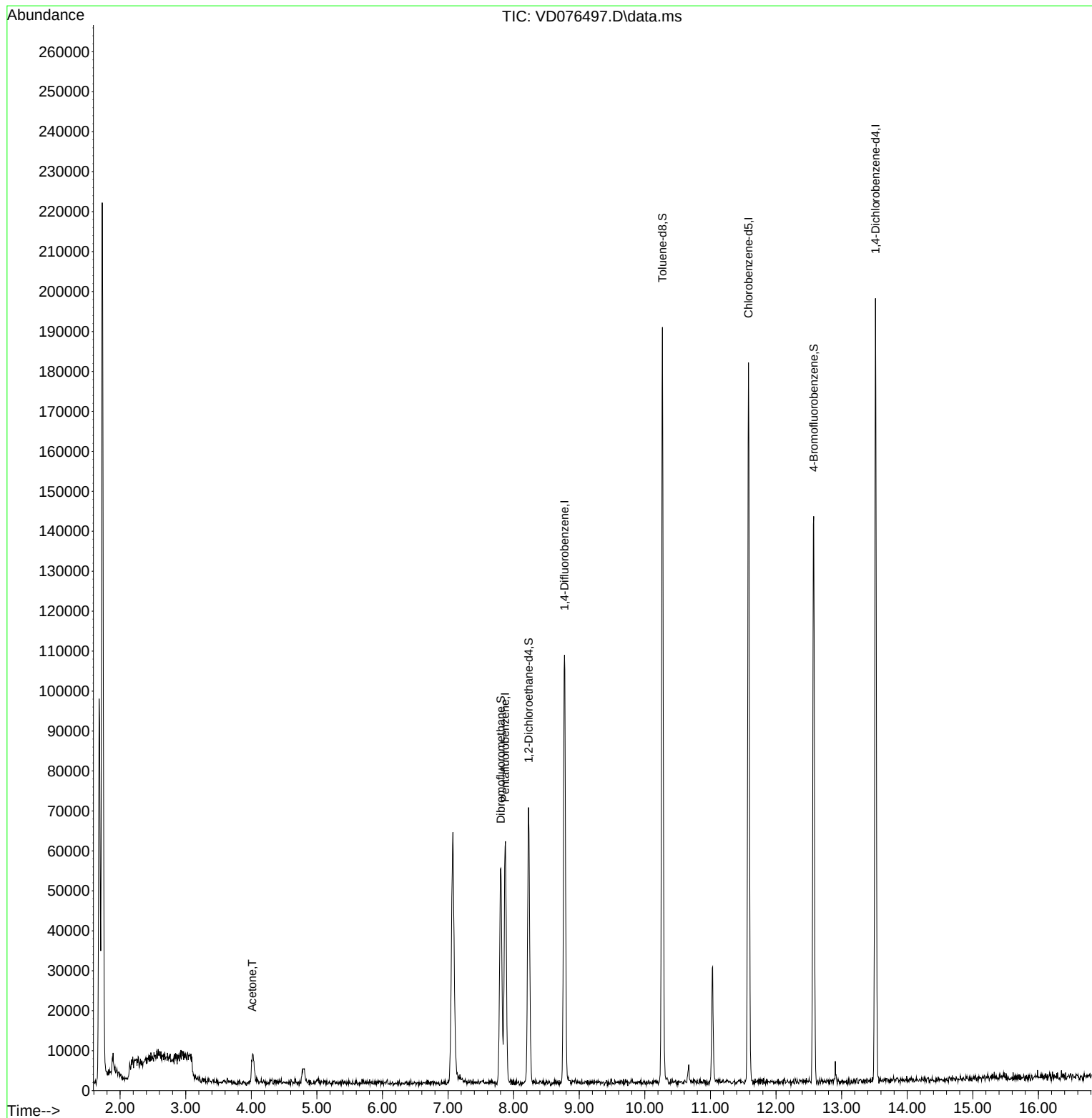
Internal Standards						
1) Pentafluorobenzene	7.869	168	49446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	96528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	101183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50287	101.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 203.020%#	
35) Dibromofluoromethane	7.804	113	38922	67.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.740%	
50) Toluene-d8	10.269	98	123823	56.936	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.880%	
62) 4-Bromofluorobenzene	12.575	95	44020	62.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.740%	
Target Compounds						Qvalue
16) Acetone	4.016	43	13342	113.175	ug/l	87

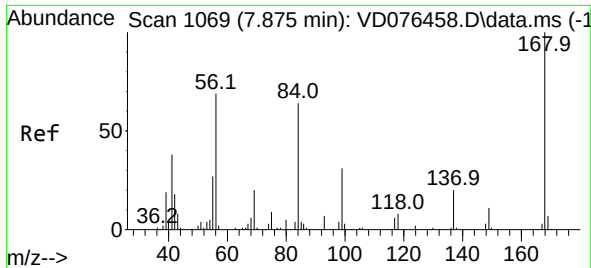
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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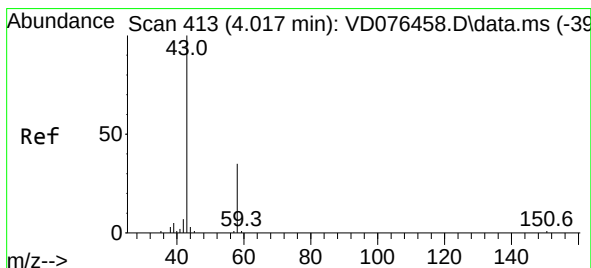
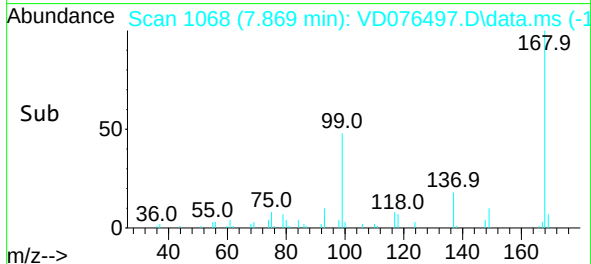
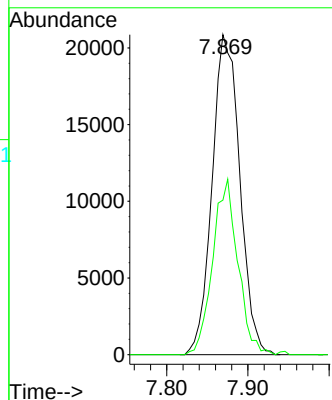
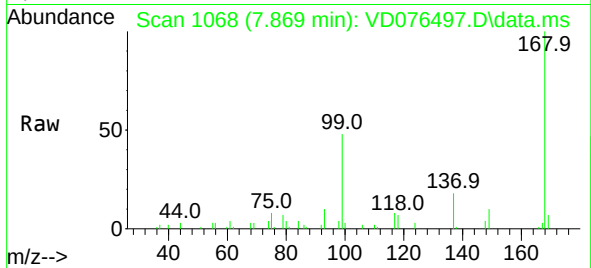




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076497.D
Acq: 20 Jun 2023 17:47

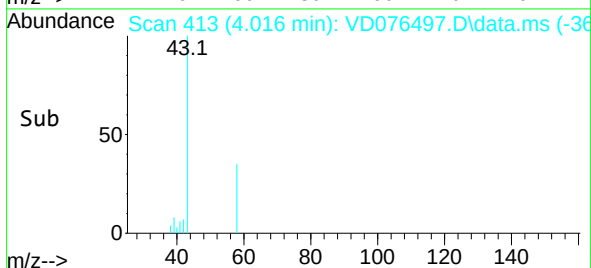
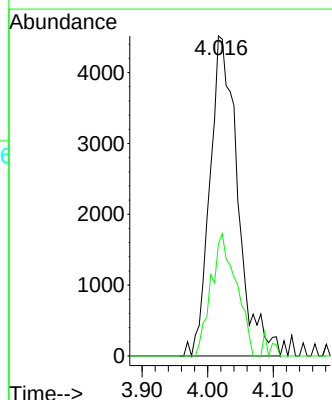
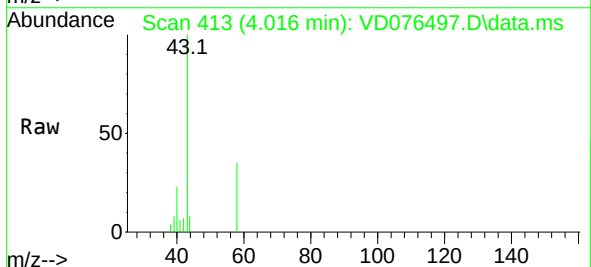
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.0-6.0

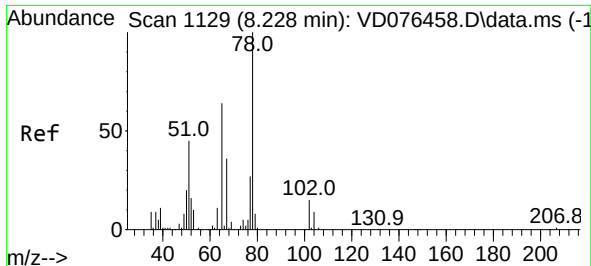
Tgt Ion:168 Resp: 49446
Ion Ratio Lower Upper
168 100
99 48.3 36.7 55.1



#16
Acetone
Concen: 113.175 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076497.D
Acq: 20 Jun 2023 17:47

Tgt Ion: 43 Resp: 13342
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 101.506 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076497.D

Acq: 20 Jun 2023 17:47

Instrument :

MSVOA_D

ClientSampleId :

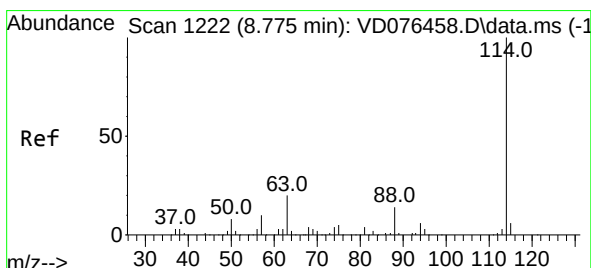
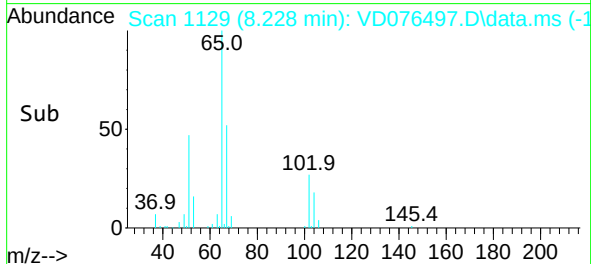
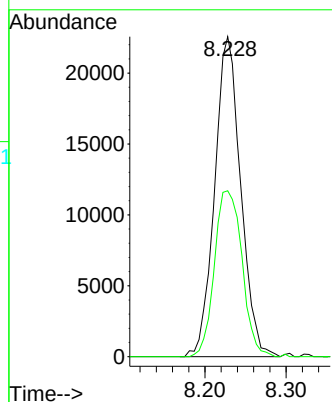
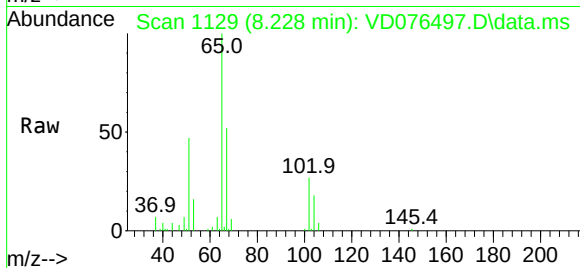
SB-07-4.0-6.0

Tgt Ion: 65 Resp: 50287

Ion Ratio Lower Upper

65 100

67 55.0 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: VD076497.D

Acq: 20 Jun 2023 17:47

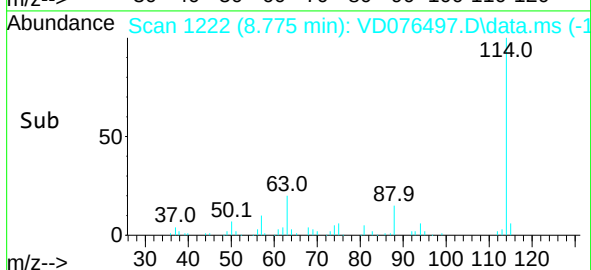
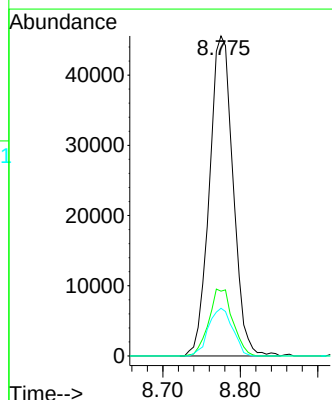
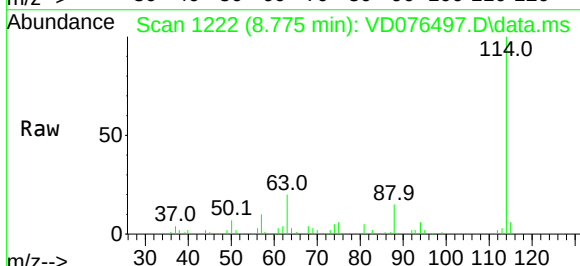
Tgt Ion: 114 Resp: 96528

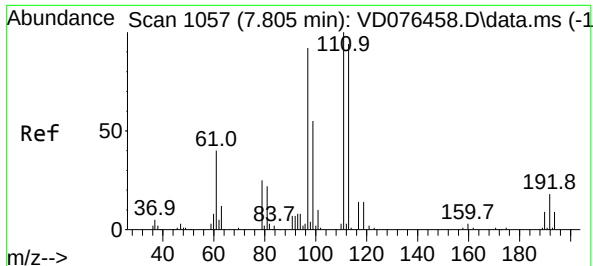
Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 14.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 67.874 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076497.D

Acq: 20 Jun 2023 17:47

Instrument :

MSVOA_D

ClientSampleId :

SB-07-4.0-6.0

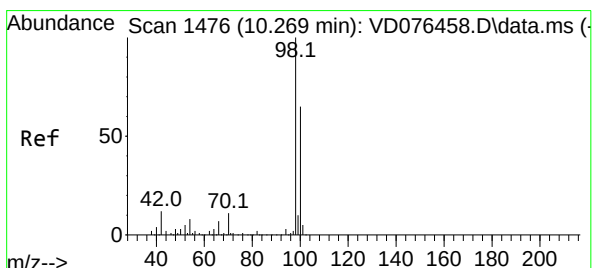
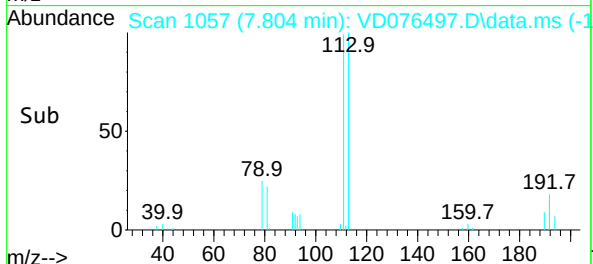
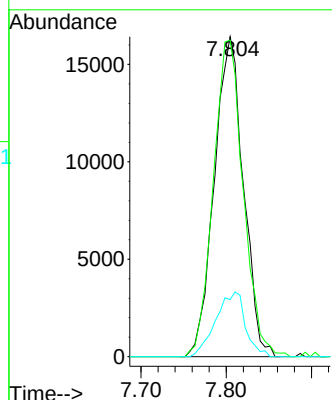
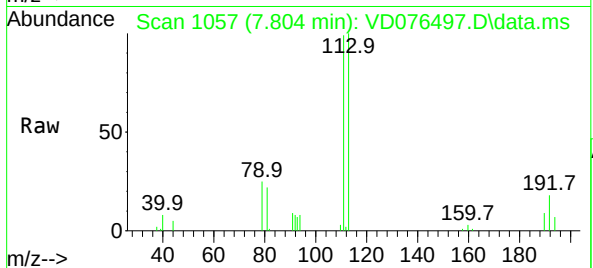
Tgt Ion:113 Resp: 38922

Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 20.6 16.8 25.2



#50

Toluene-d8

Concen: 56.936 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076497.D

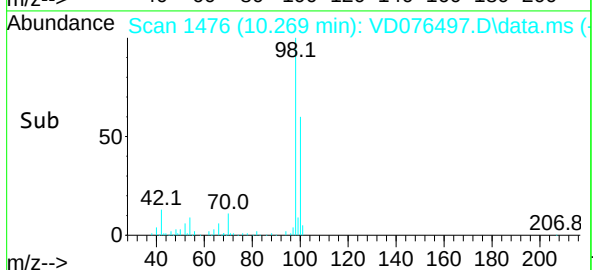
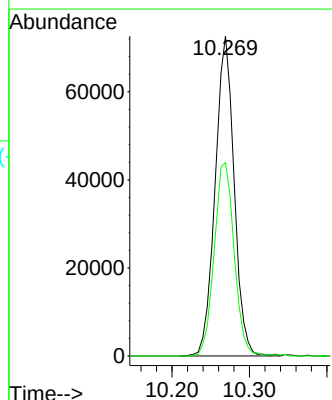
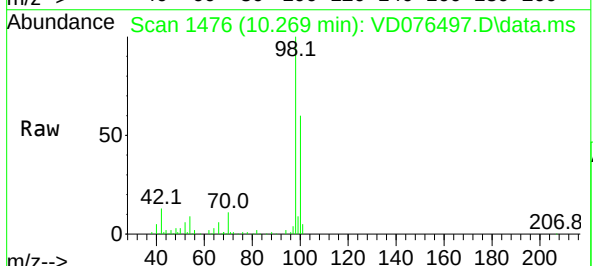
Acq: 20 Jun 2023 17:47

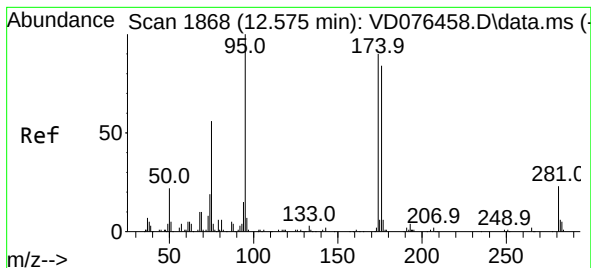
Tgt Ion: 98 Resp: 123823

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

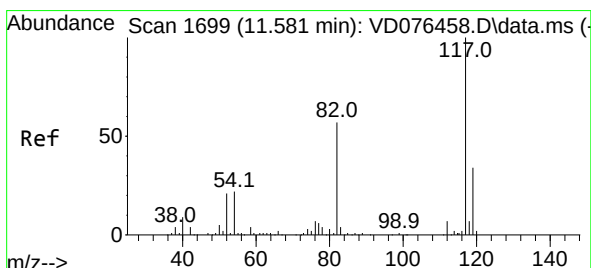
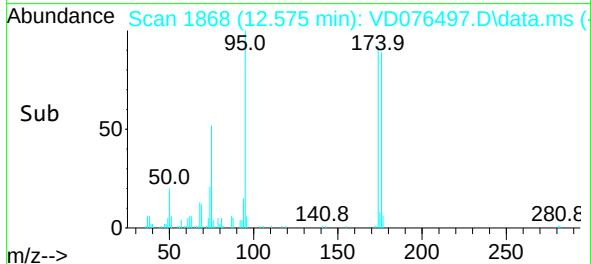
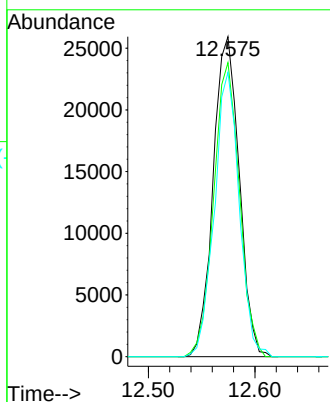
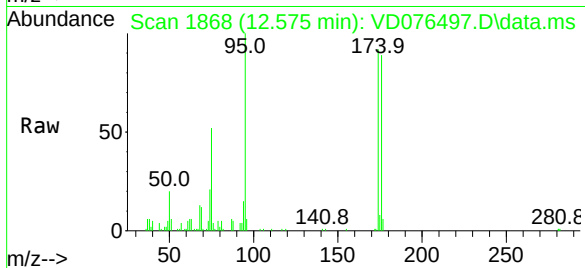




#62
4-Bromofluorobenzene
Concen: 62.369 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076497.D
Acq: 20 Jun 2023 17:47

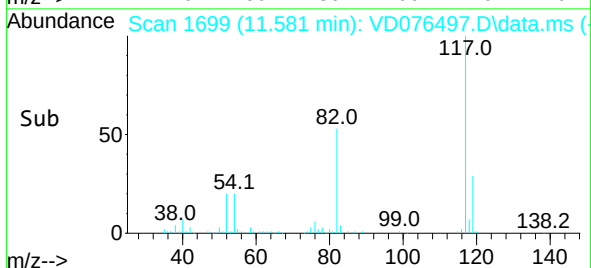
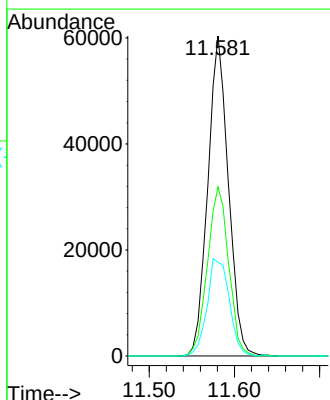
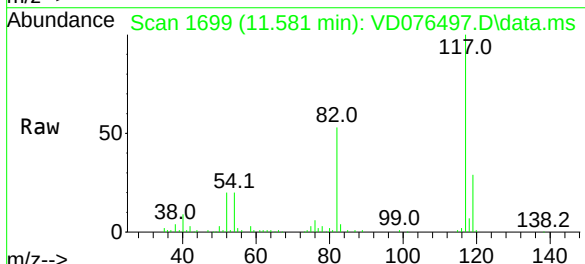
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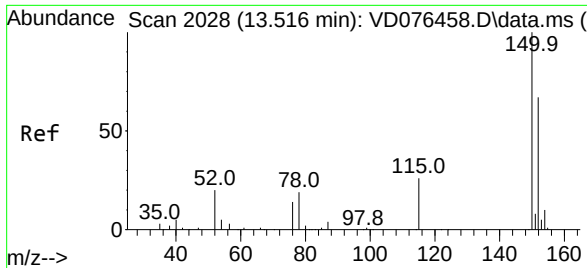
Tgt Ion:	95	Resp:	44020
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	201.8
176	84.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076497.D
Acq: 20 Jun 2023 17:47

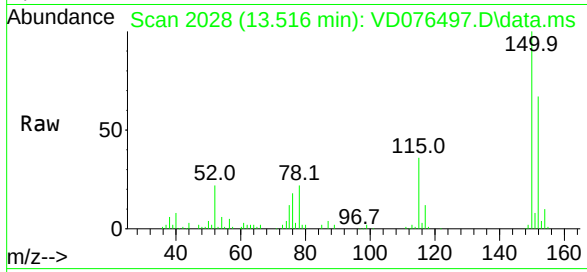
Tgt Ion:	117	Resp:	101183
Ion	Ratio	Lower	Upper
117	100		
82	52.8	38.3	57.5
119	29.3	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076497.D
 Acq: 20 Jun 2023 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-4.0-6.0



Tgt Ion:152 Resp: 50016
 Ion Ratio Lower Upper
 152 100
 115 56.4 27.1 81.3
 150 153.9 0.0 353.6

