

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076850.D
 Acq On : 28 Jul 2023 13:01
 Operator : KP/SY
 Sample : 03770-01
 Misc : 5.71G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DEL-1-RP

Quant Time: Jul 28 23:02:56 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)

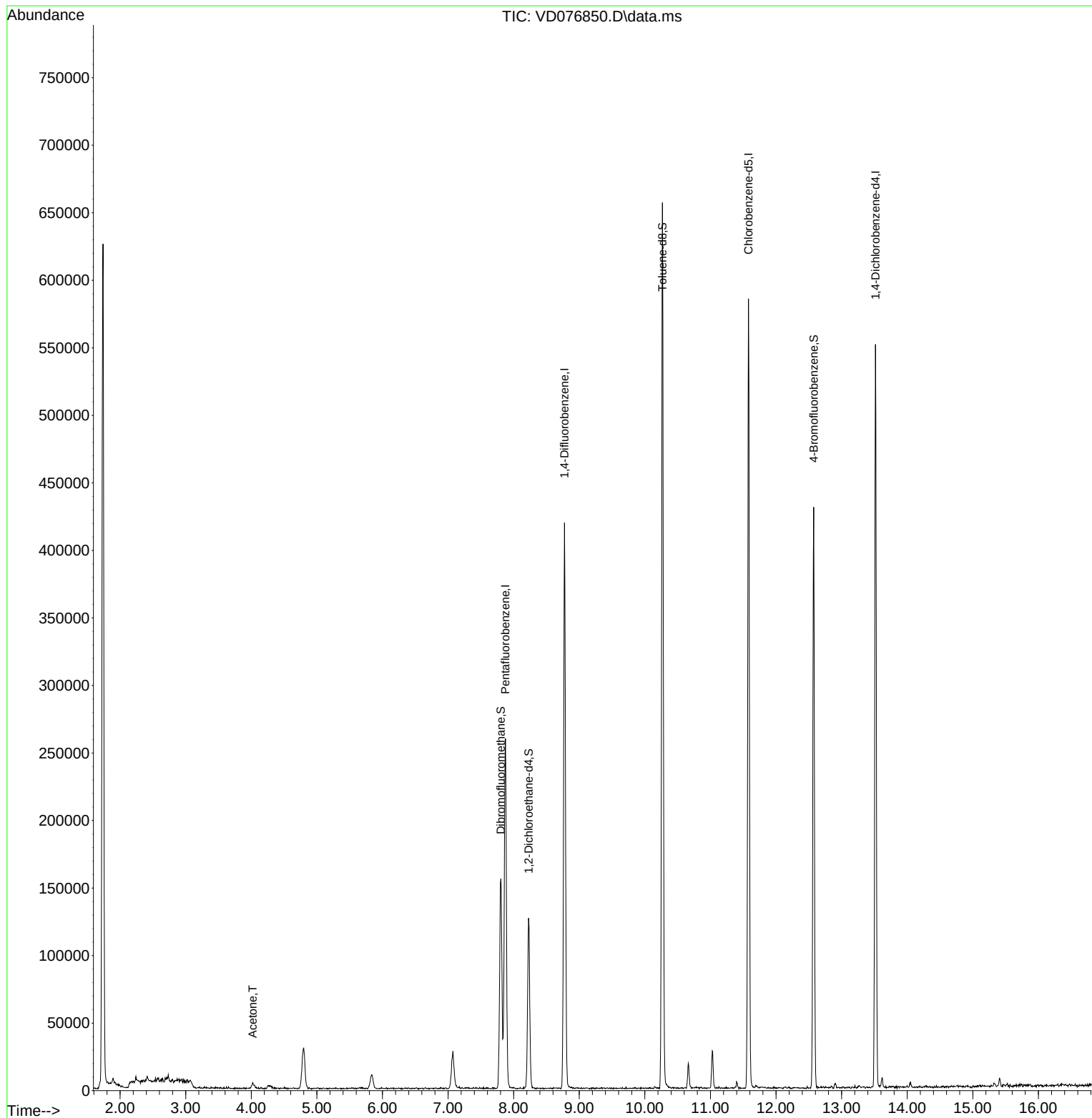
Internal Standards						
1) Pentafluorobenzene	7.875	168	200324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	376702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	347475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94946	47.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.804	113	117961	49.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.269	98	456914	53.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.575	95	128488	46.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.800%
Target Compounds						
16) Acetone	4.022	43	7188	15.084	ug/l	Qvalue # 83

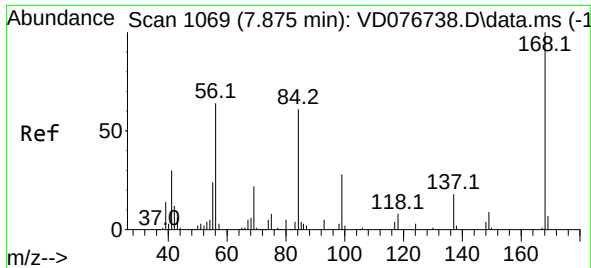
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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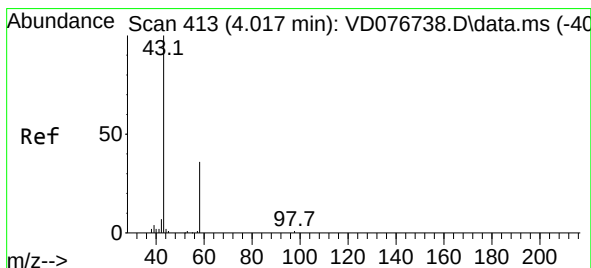
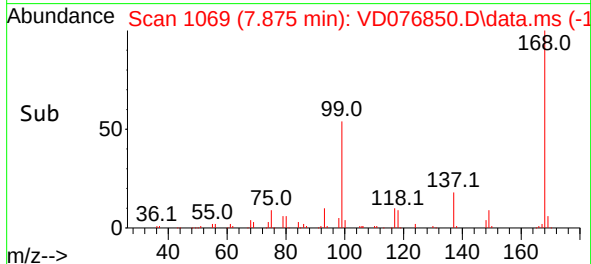
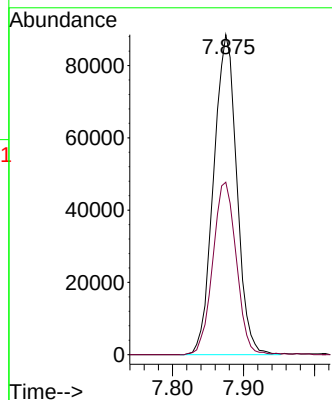
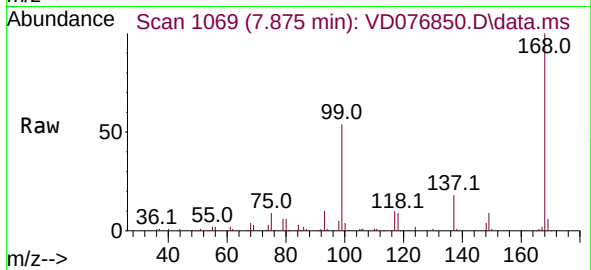




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

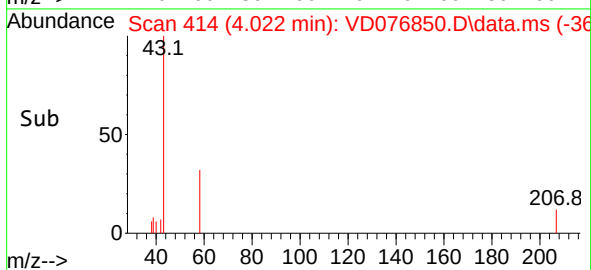
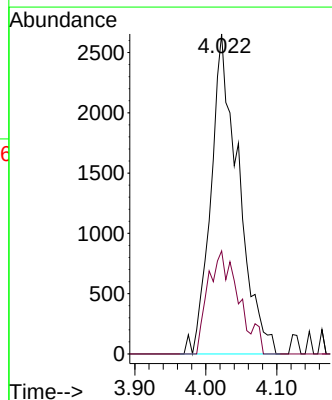
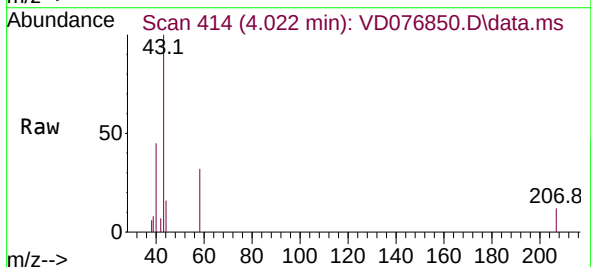
Instrument :
MSVOA_D
ClientSampleId :
DEL-1-RP

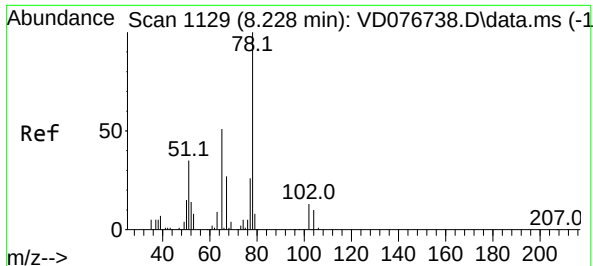
Tgt Ion:168 Resp: 200324
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#16
Acetone
Concen: 15.084 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Tgt Ion: 43 Resp: 7188
Ion Ratio Lower Upper
43 100
58 32.2 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 47.585 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076850.D

Acq: 28 Jul 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

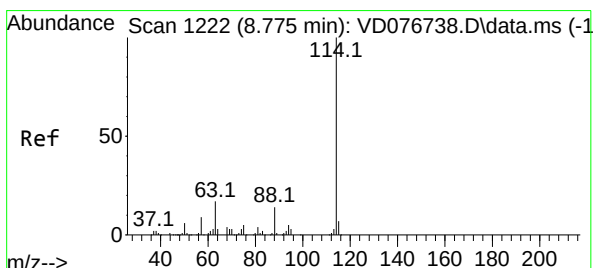
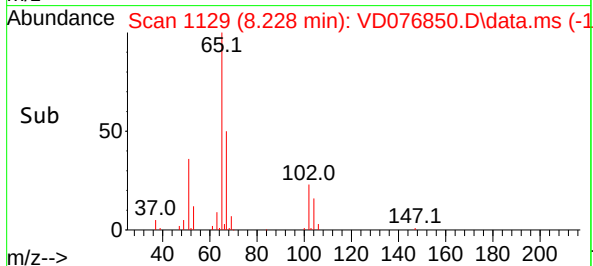
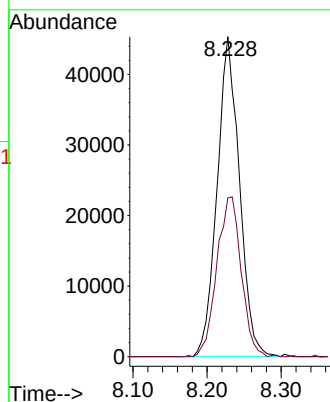
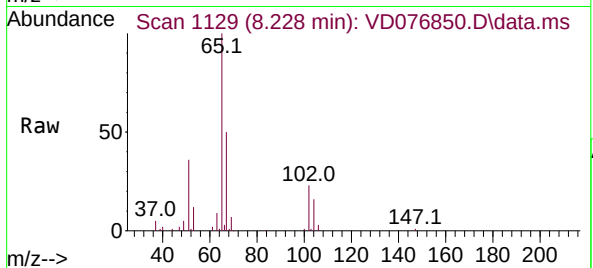
DEL-1-RP

Tgt Ion: 65 Resp: 94946

Ion Ratio Lower Upper

65 100

67 54.5 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: VD076850.D

Acq: 28 Jul 2023 13:01

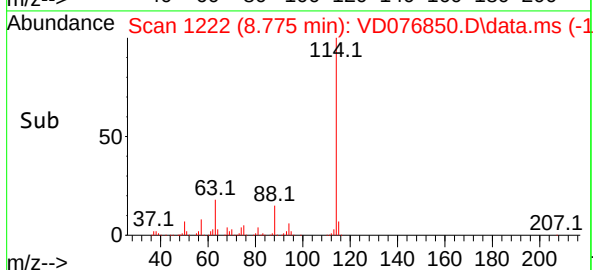
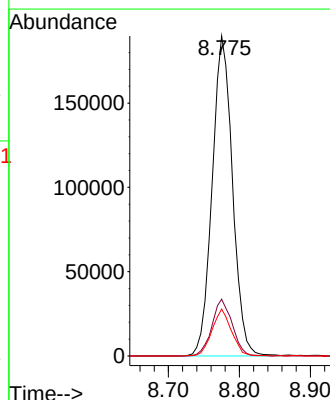
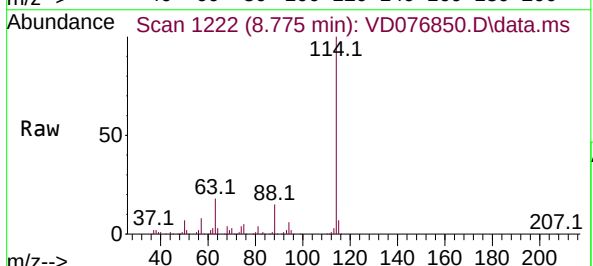
Tgt Ion: 114 Resp: 376702

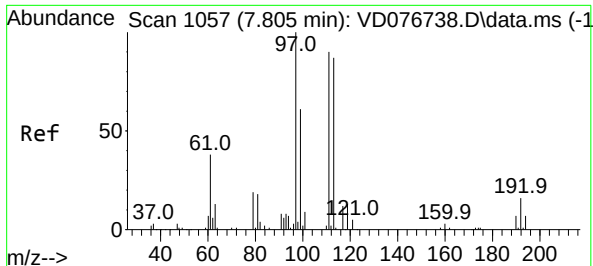
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.001 min

Lab File: VD076850.D

Acq: 28 Jul 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

DEL-1-RP

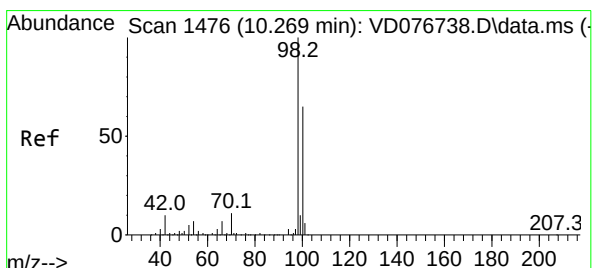
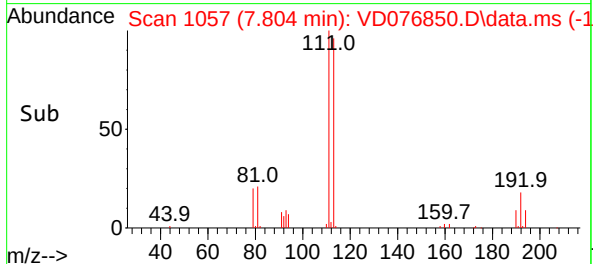
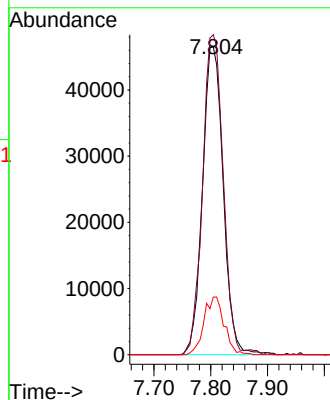
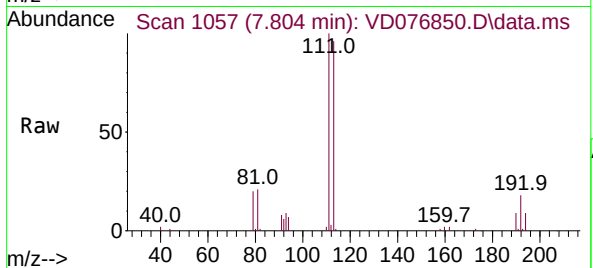
Tgt Ion:113 Resp: 117961

Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 18.3 16.8 25.2



#50

Toluene-d8

Concen: 53.955 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076850.D

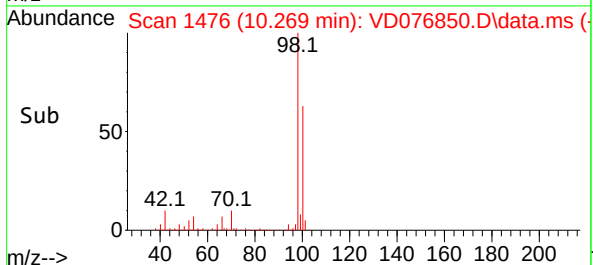
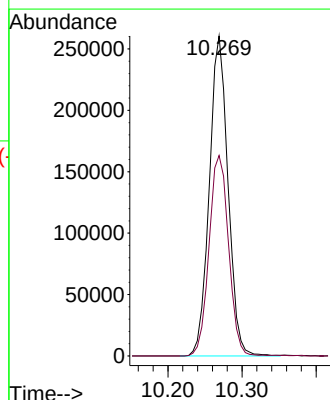
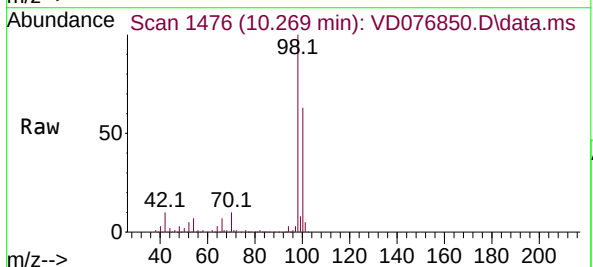
Acq: 28 Jul 2023 13:01

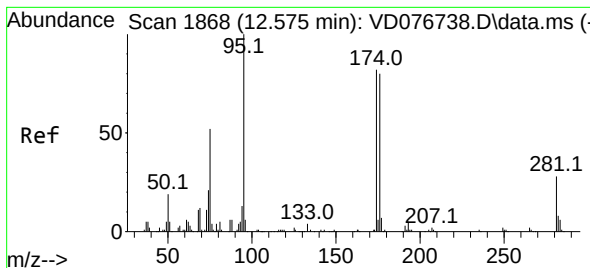
Tgt Ion: 98 Resp: 456914

Ion Ratio Lower Upper

98 100

100 65.6 50.3 75.5

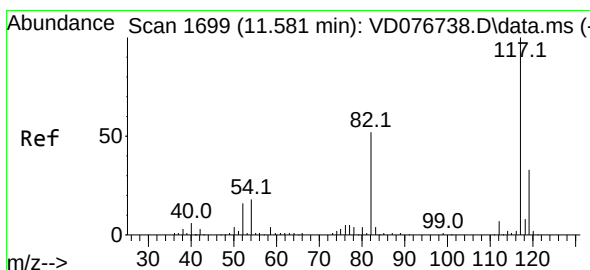
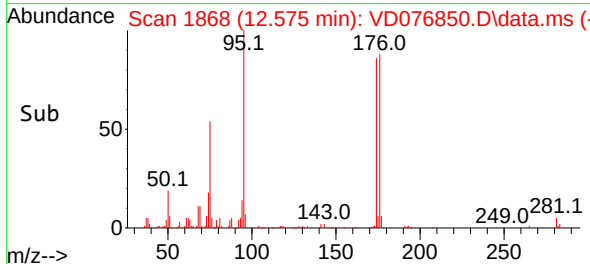
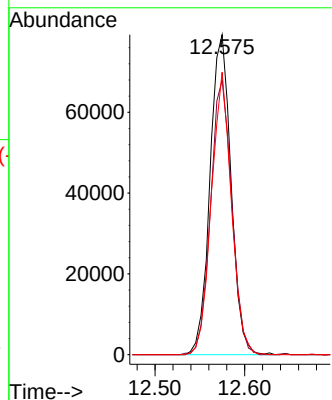
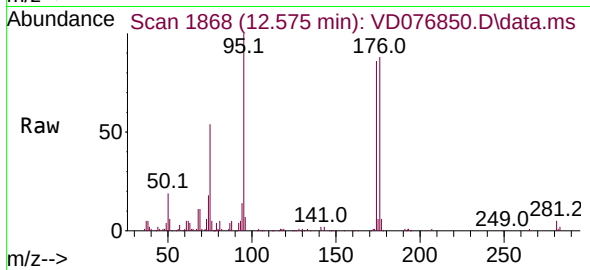




#62
4-Bromofluorobenzene
Concen: 46.901 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

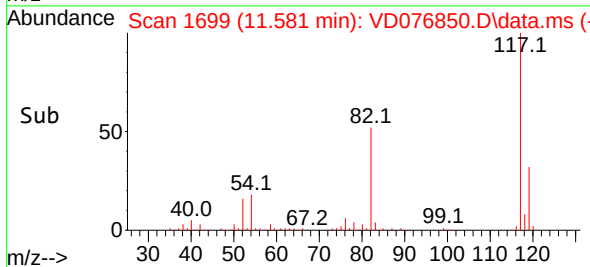
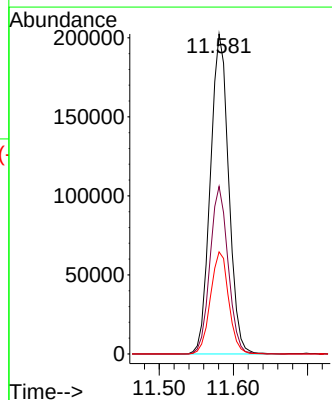
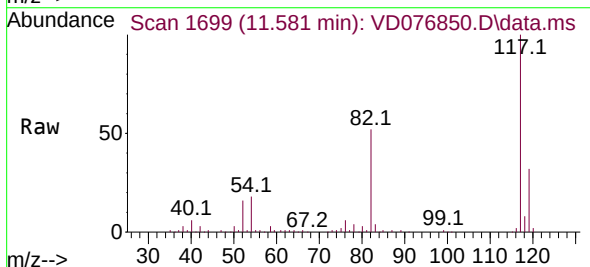
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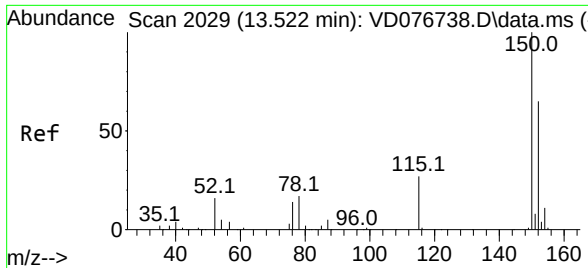
Tgt Ion: 95 Resp: 128488
Ion Ratio Lower Upper
95 100
174 86.5 0.0 201.8
176 84.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

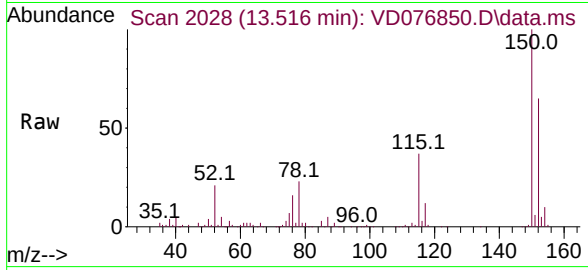
Tgt Ion: 117 Resp: 347475
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 31.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076850.D
 Acq: 28 Jul 2023 13:01

Instrument :
 MSVOA_D
 ClientSampleId :
 DEL-1-RP



Tgt Ion:152 Resp: 146954
 Ion Ratio Lower Upper
 152 100
 115 57.0 27.1 81.3
 150 157.3 0.0 353.6

