

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075600.D
 Acq On : 07 Apr 2023 14:49
 Operator : KP/SY
 Sample : 02191-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11982

Quant Time: Apr 10 02:05:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

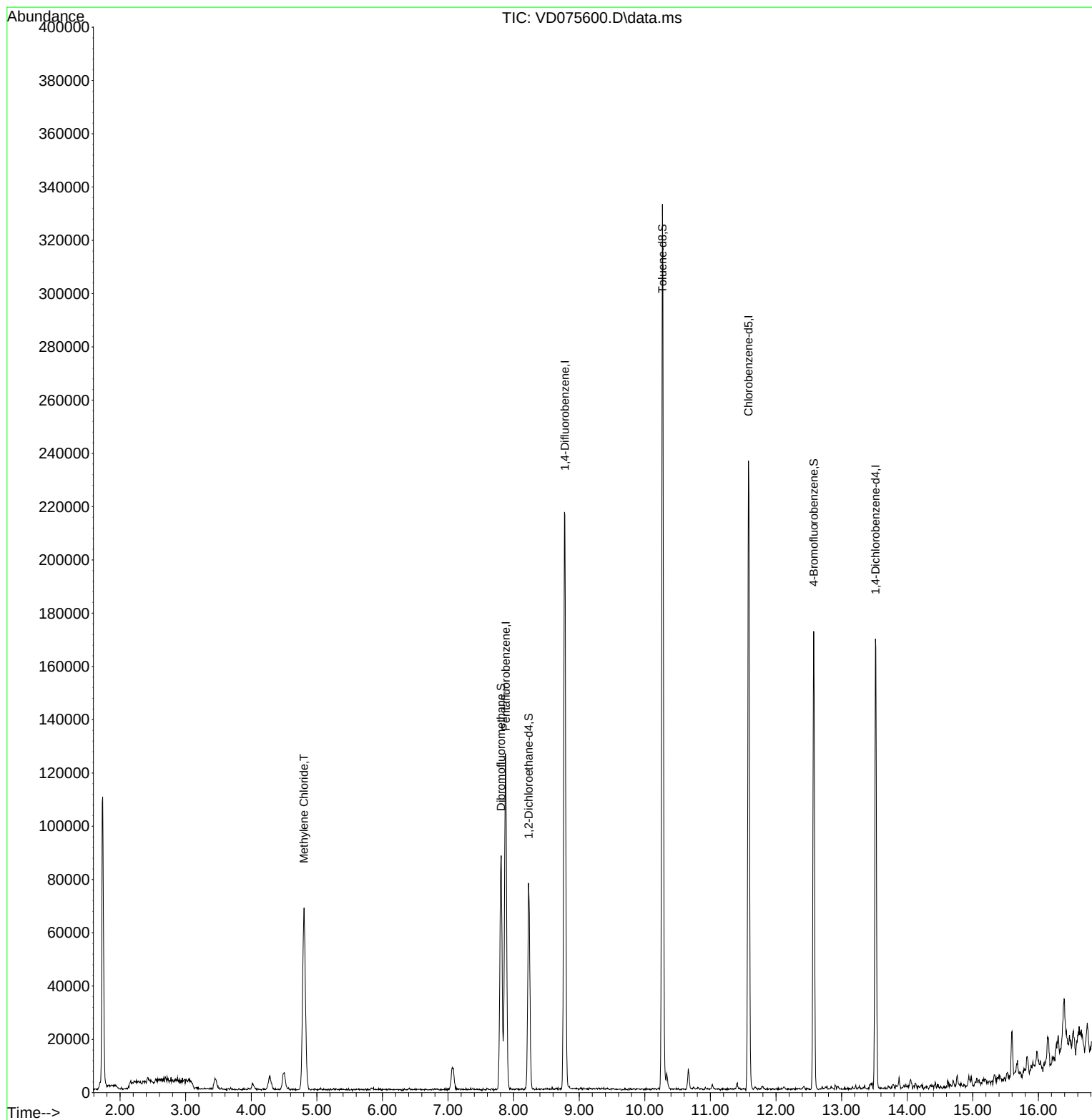
Internal Standards						
1) Pentafluorobenzene	7.881	168	101872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	222143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58473	63.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.520%
35) Dibromofluoromethane	7.810	113	66074	43.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.860%
50) Toluene-d8	10.269	98	245710	40.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.760%
62) 4-Bromofluorobenzene	12.575	95	54708	31.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.980%
Target Compounds						Qvalue
20) Methylene Chloride	4.805	84	61030	45.918	ug/l	# 71

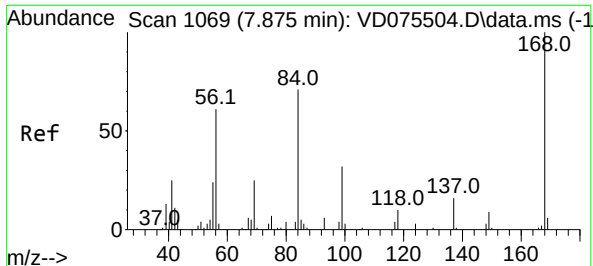
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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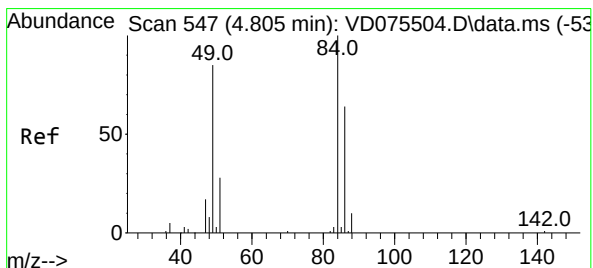
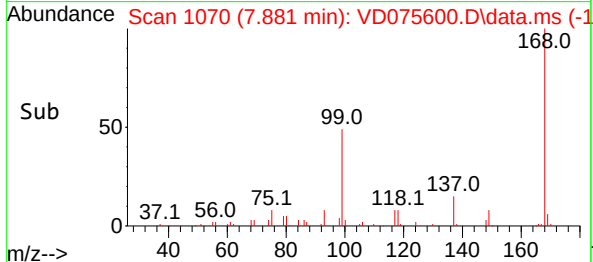
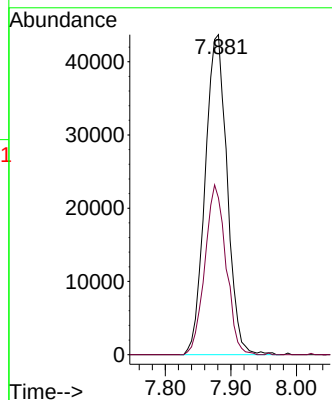
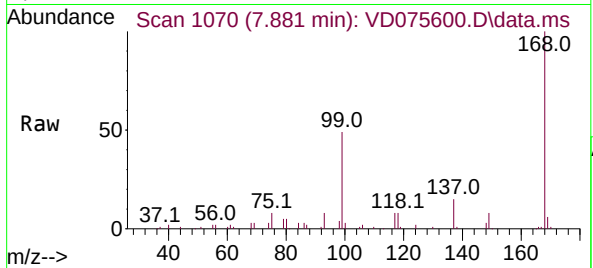




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075600.D
Acq: 07 Apr 2023 14:49

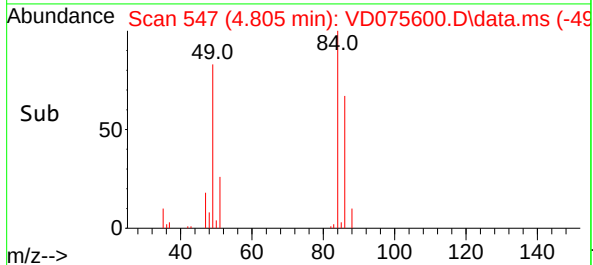
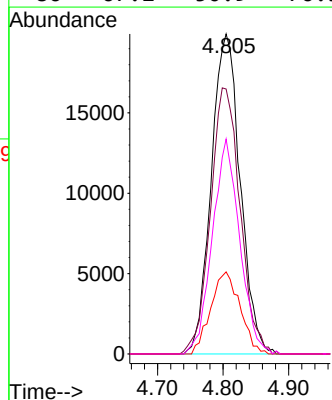
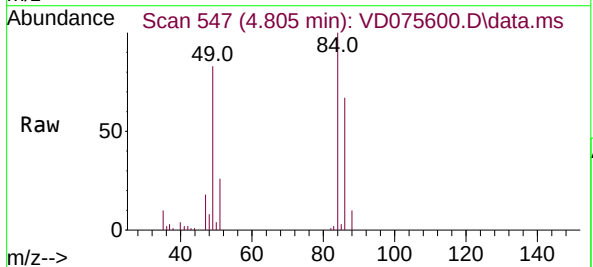
Instrument :
MSVOA_D
ClientSampleId :
72-11982

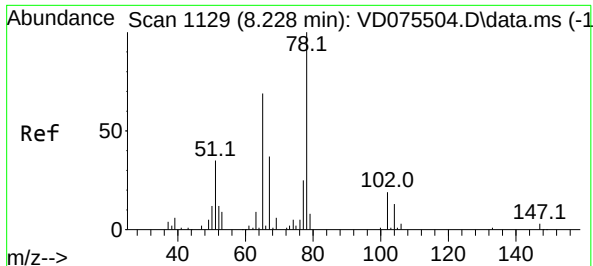
Tgt Ion:168 Resp: 101872
Ion Ratio Lower Upper
168 100
99 49.0 43.8 65.6



#20
Methylene Chloride
Concen: 45.918 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075600.D
Acq: 07 Apr 2023 14:49

Tgt Ion: 84 Resp: 61030
Ion Ratio Lower Upper
84 100
49 82.8 106.4 159.6#
51 25.6 32.4 48.6#
86 67.2 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 63.257 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075600.D

Acq: 07 Apr 2023 14:49

Instrument :

MSVOA_D

ClientSampleId :

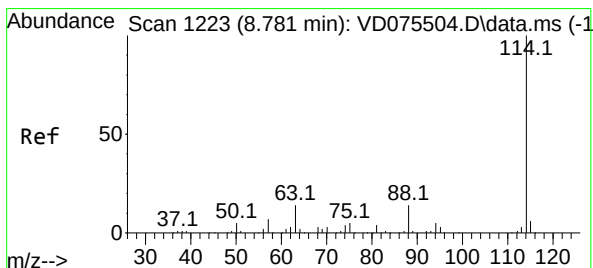
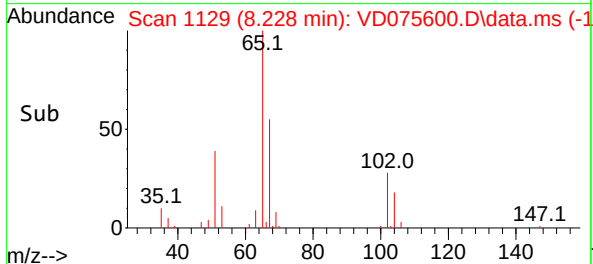
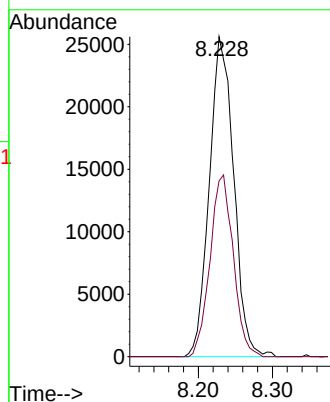
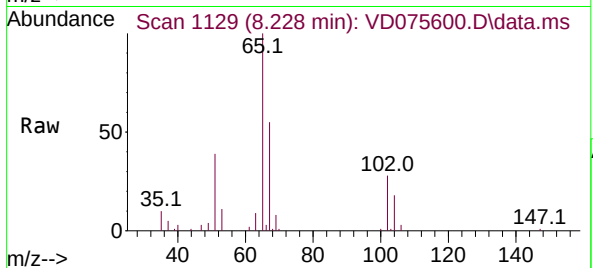
72-11982

Tgt Ion: 65 Resp: 58473

Ion Ratio Lower Upper

65 100

67 54.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075600.D

Acq: 07 Apr 2023 14:49

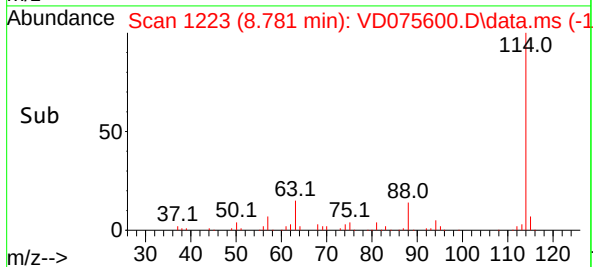
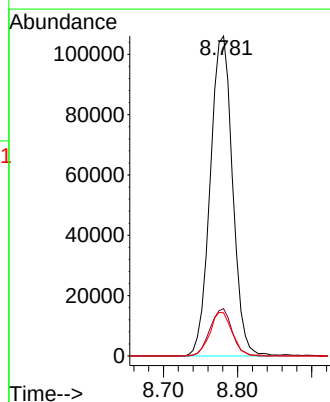
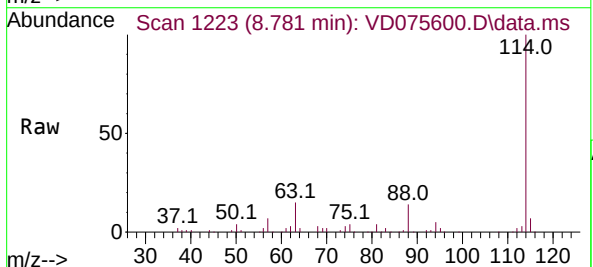
Tgt Ion: 114 Resp: 222143

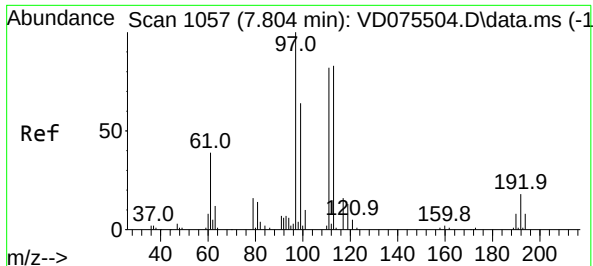
Ion Ratio Lower Upper

114 100

63 14.8 0.0 41.6

88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 43.428 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075600.D

Acq: 07 Apr 2023 14:49

Instrument :

MSVOA_D

ClientSampleId :

72-11982

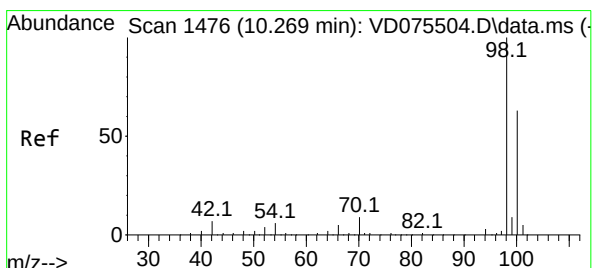
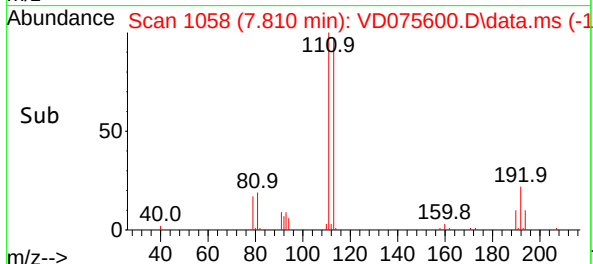
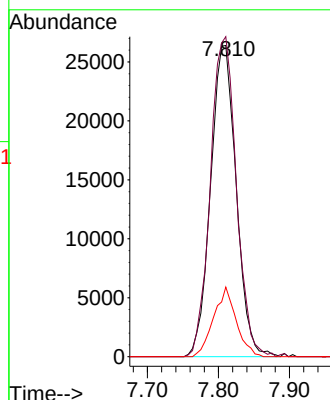
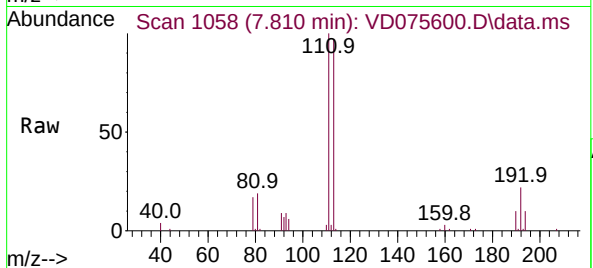
Tgt Ion:113 Resp: 66074

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 19.7 15.2 22.8



#50

Toluene-d8

Concen: 40.881 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075600.D

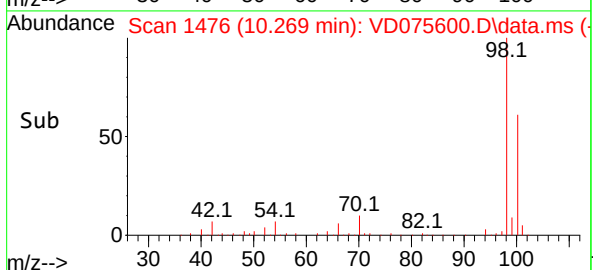
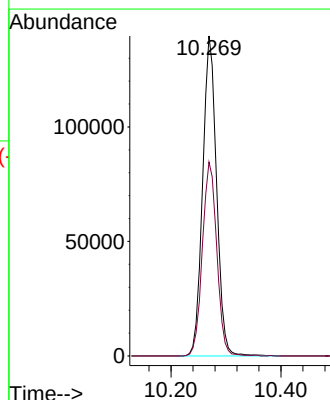
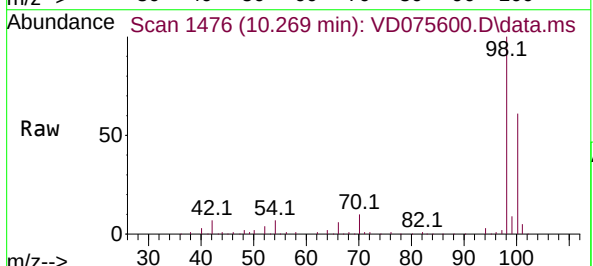
Acq: 07 Apr 2023 14:49

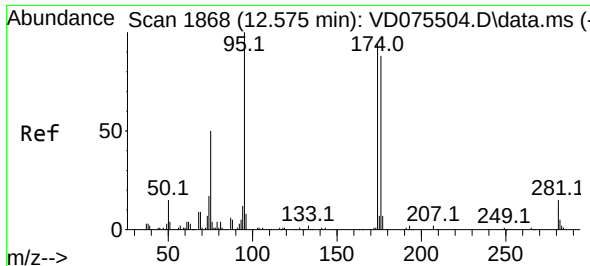
Tgt Ion: 98 Resp: 245710

Ion Ratio Lower Upper

98 100

100 62.7 52.1 78.1

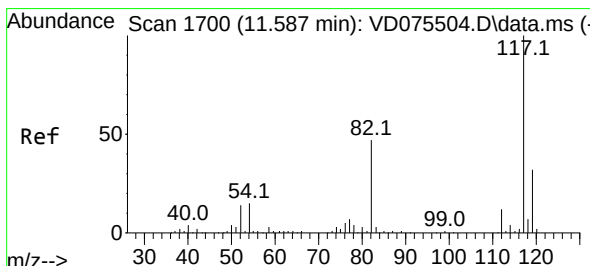
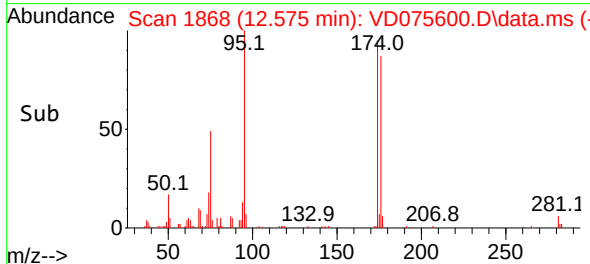
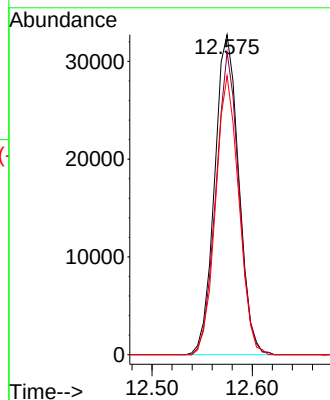
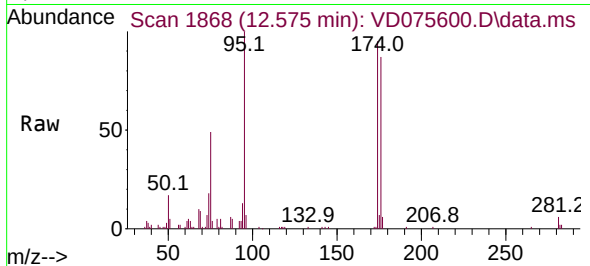




#62
4-Bromofluorobenzene
Concen: 31.486 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075600.D
Acq: 07 Apr 2023 14:49

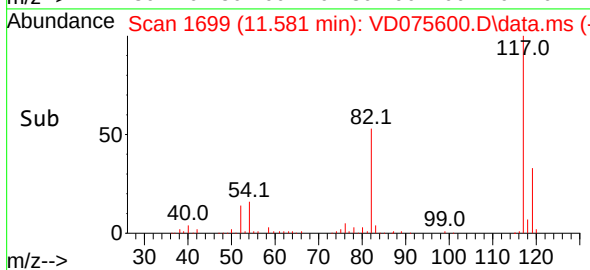
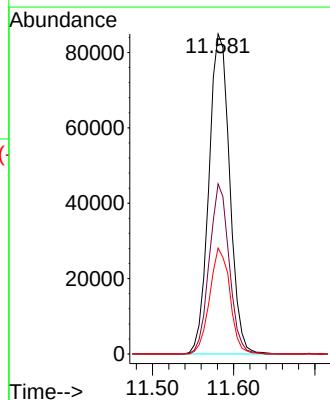
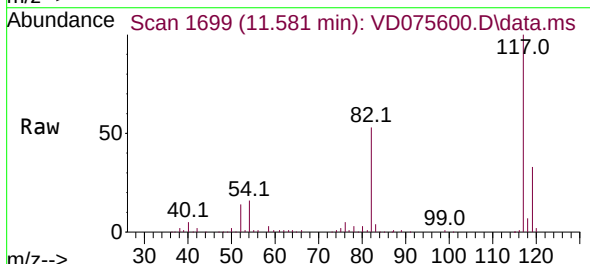
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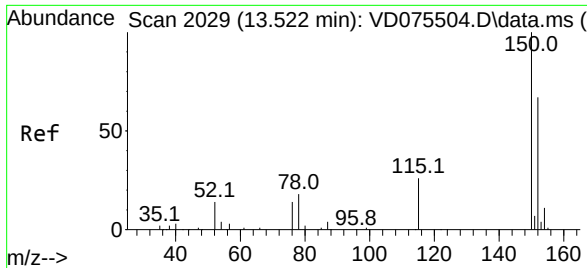
Tgt Ion:	95	Resp:	54708
Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	164.0
176	83.8	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075600.D
Acq: 07 Apr 2023 14:49

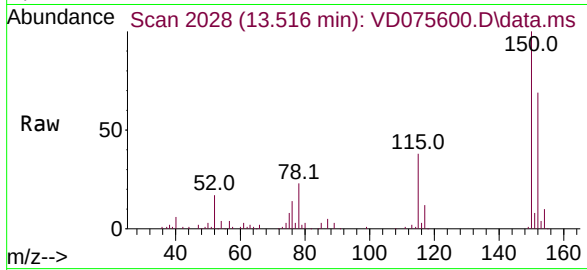
Tgt Ion:	117	Resp:	150843
Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.0	66.0
119	33.1	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD075600.D
 Acq: 07 Apr 2023 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11982



Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	30.1	90.3
150	155.2	0.0	364.8

