

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075792.D
 Acq On : 24 Apr 2023 13:30
 Operator : KP/SY
 Sample : 02426-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-3-041923

Quant Time: Apr 24 16:08:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

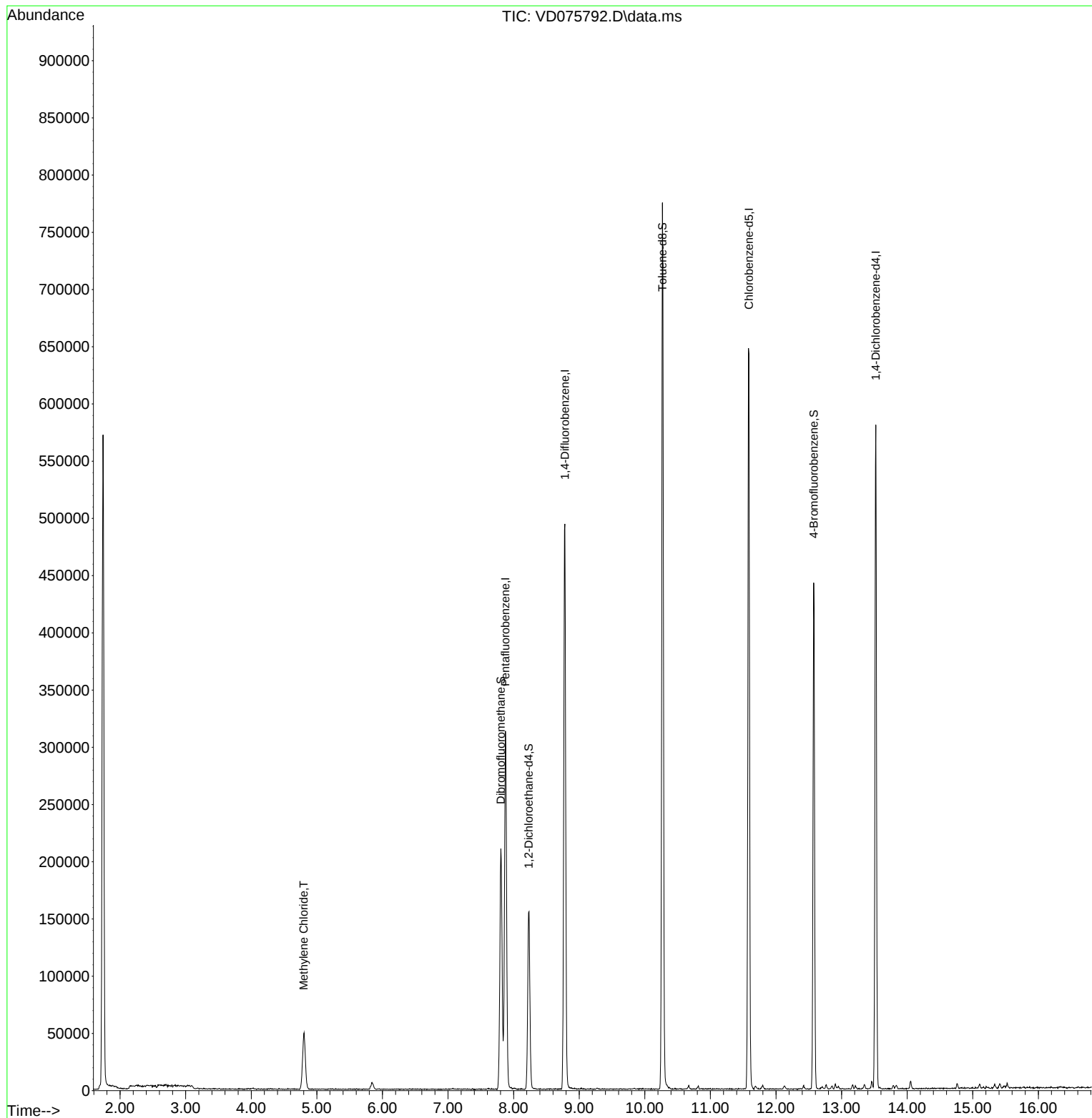
Internal Standards						
1) Pentafluorobenzene	7.875	168	258299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	493316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	430352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	170518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	120880	49.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.805	113	156582	47.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.269	98	576428	43.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.760%
62) 4-Bromofluorobenzene	12.575	95	140322	39.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.460%
Target Compounds						
20) Methylene Chloride	4.799	84	42523	8.401	ug/l	Qvalue # 70

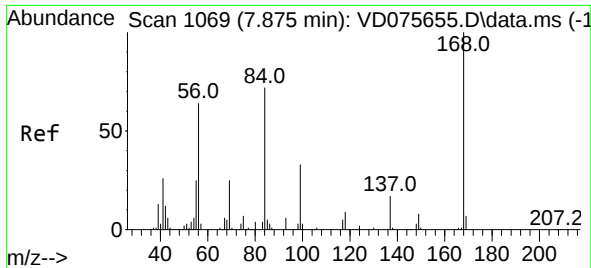
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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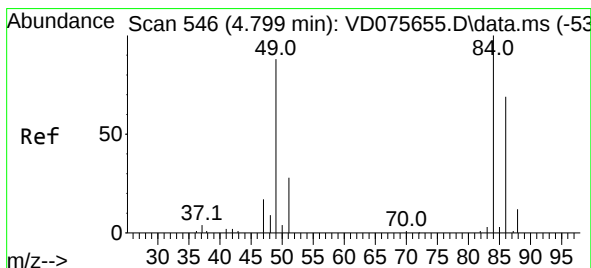
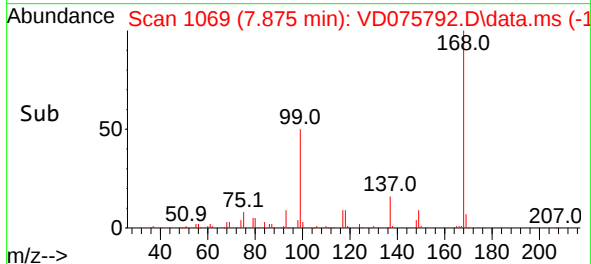
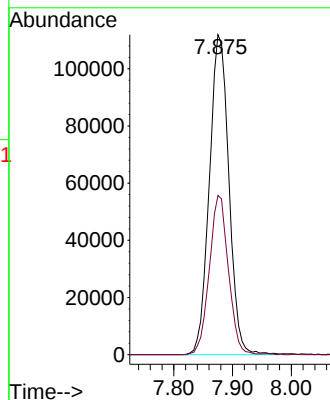
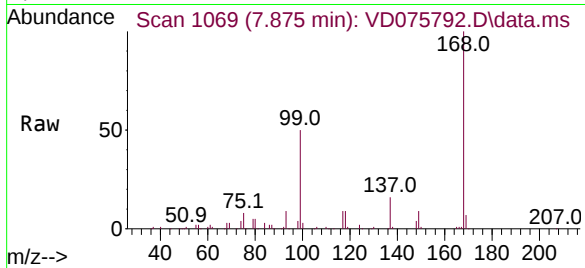




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075792.D
Acq: 24 Apr 2023 13:30

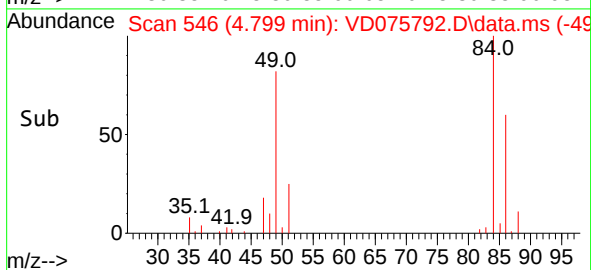
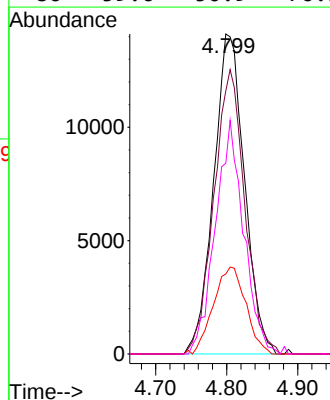
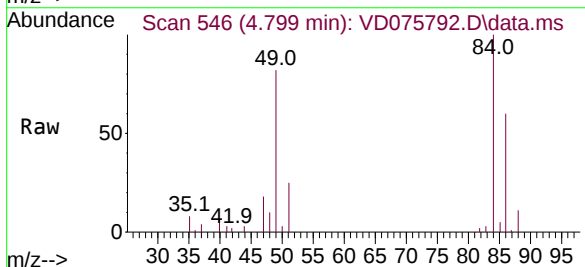
Instrument :
MSVOA_D
ClientSampleId :
EO-3-041923

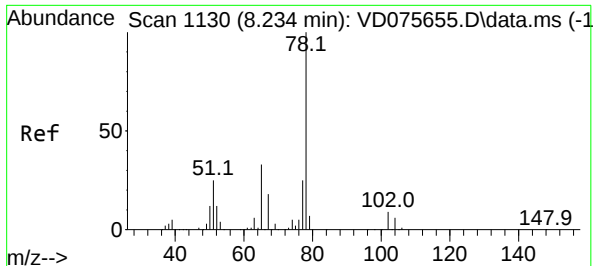
Tgt Ion:168 Resp: 258299
Ion Ratio Lower Upper
168 100
99 49.7 43.8 65.6



#20
Methylene Chloride
Concen: 8.401 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075792.D
Acq: 24 Apr 2023 13:30

Tgt Ion: 84 Resp: 42523
Ion Ratio Lower Upper
84 100
49 82.2 106.4 159.6#
51 25.0 32.4 48.6#
86 59.6 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 49.303 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075792.D

Acq: 24 Apr 2023 13:30

Instrument :

MSVOA_D

ClientSampleId :

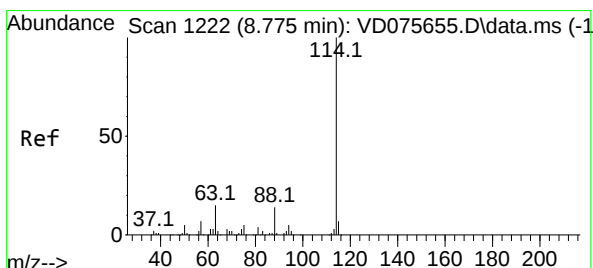
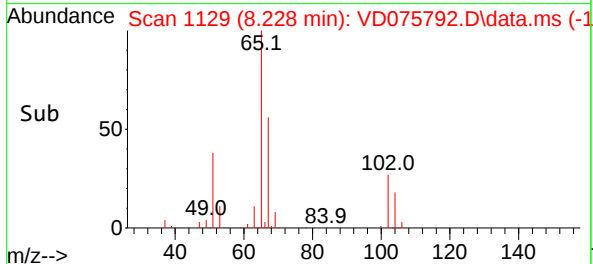
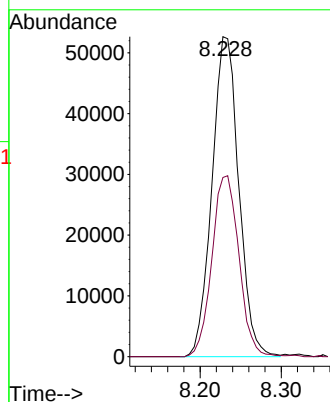
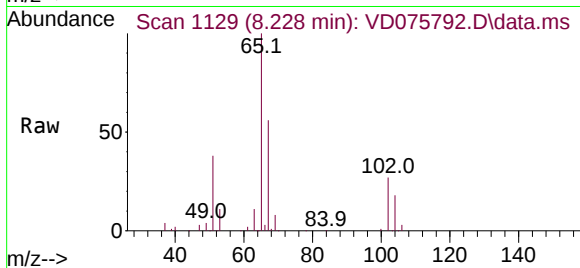
EO-3-041923

Tgt Ion: 65 Resp: 120880

Ion Ratio Lower Upper

65 100

67 57.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075792.D

Acq: 24 Apr 2023 13:30

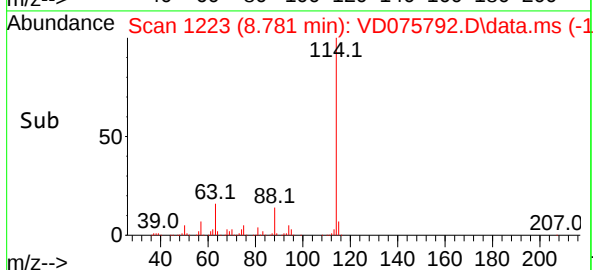
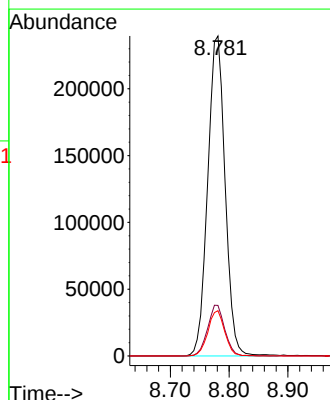
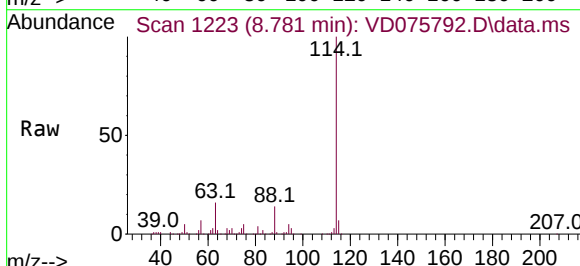
Tgt Ion: 114 Resp: 493316

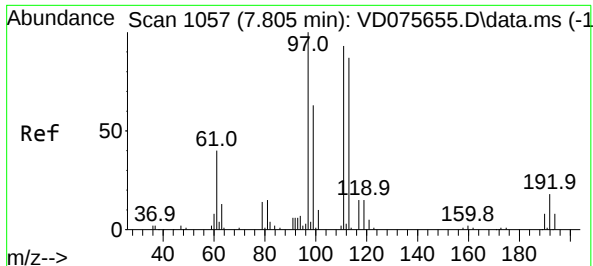
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.191 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075792.D

Acq: 24 Apr 2023 13:30

Instrument :

MSVOA_D

ClientSampleId :

EO-3-041923

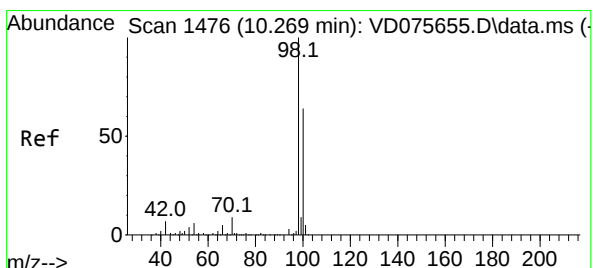
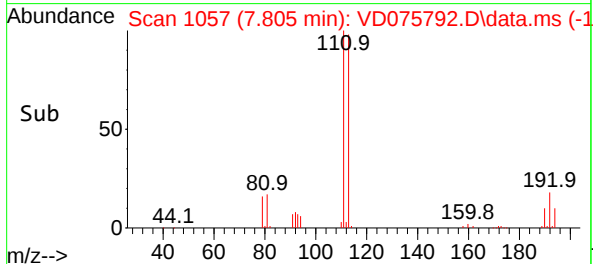
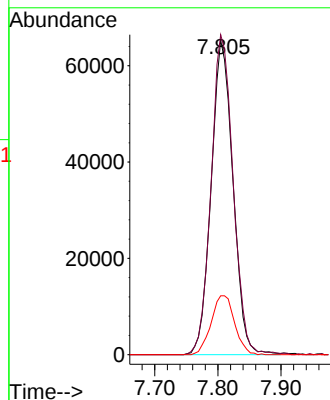
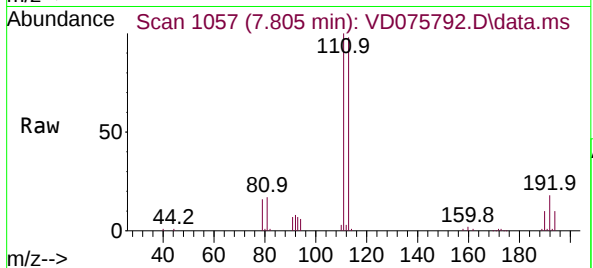
Tgt Ion:113 Resp: 156582

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.2 15.2 22.8



#50

Toluene-d8

Concen: 43.382 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075792.D

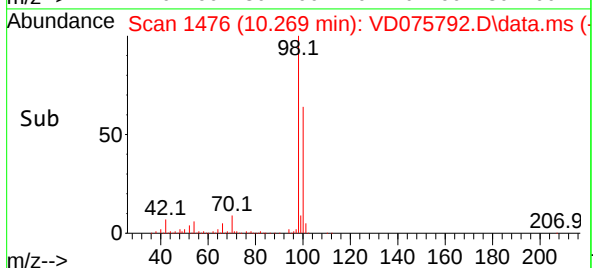
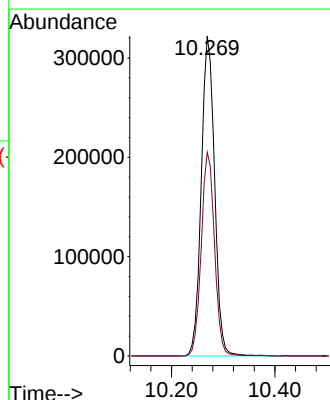
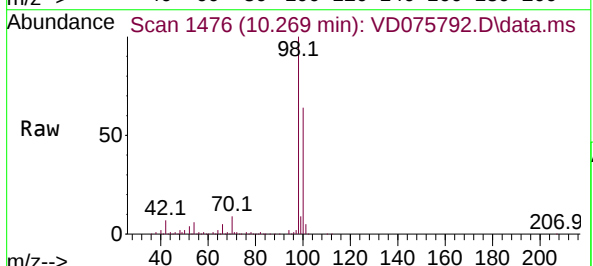
Acq: 24 Apr 2023 13:30

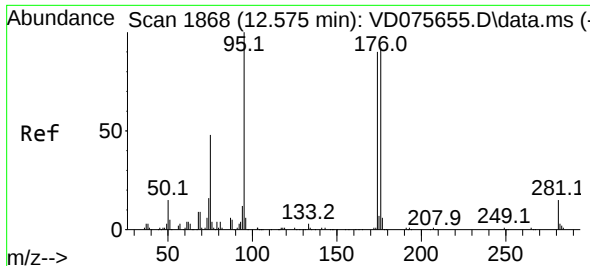
Tgt Ion: 98 Resp: 576428

Ion Ratio Lower Upper

98 100

100 63.3 52.1 78.1

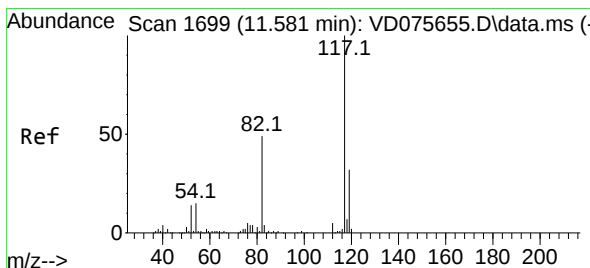
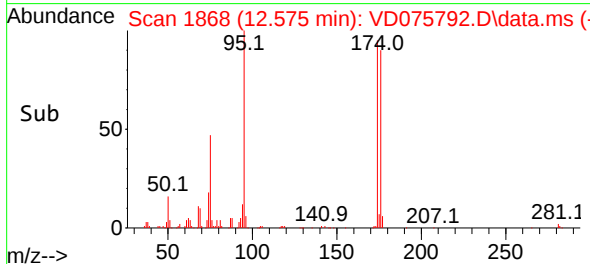
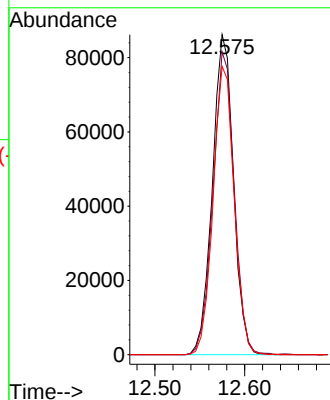
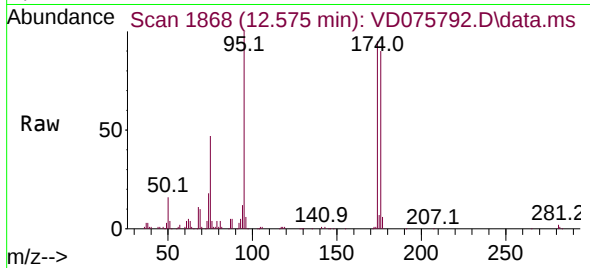




#62
4-Bromofluorobenzene
Concen: 39.732 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075792.D
Acq: 24 Apr 2023 13:30

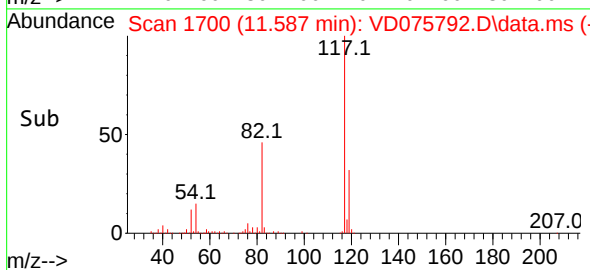
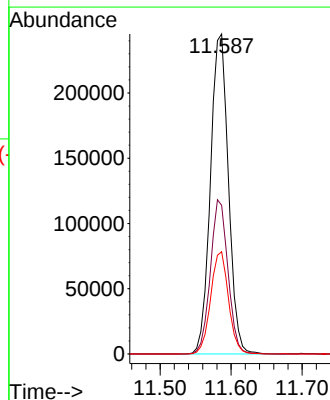
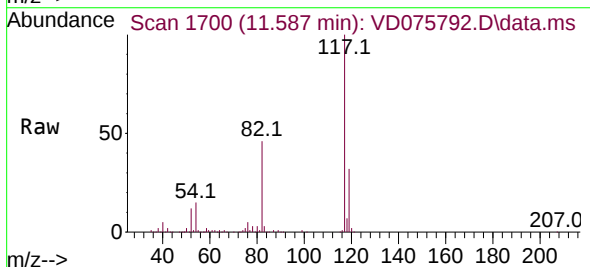
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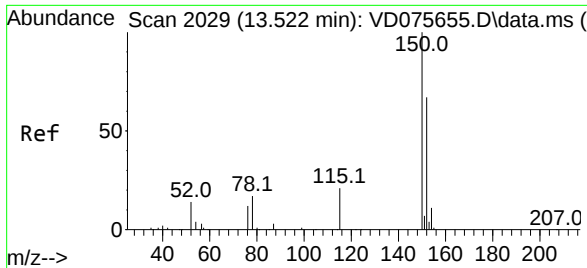
Tgt Ion: 95 Resp: 140322
Ion Ratio Lower Upper
95 100
174 95.1 0.0 164.0
176 90.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075792.D
Acq: 24 Apr 2023 13:30

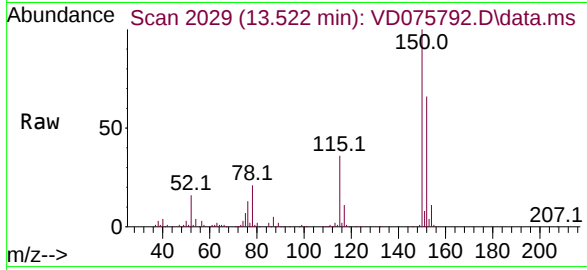
Tgt Ion: 117 Resp: 430352
Ion Ratio Lower Upper
117 100
82 46.4 44.0 66.0
119 32.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075792.D
 Acq: 24 Apr 2023 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-3-041923



Tgt Ion:	152	Resp:	170518
Ion Ratio	Lower	Upper	
152	100		
115	53.9	30.1	90.3
150	158.5	0.0	364.8

