

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075707.D
 Acq On : 17 Apr 2023 18:06
 Operator : KP/SY
 Sample : 02270-09
 Misc : 2.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-25-10-12-20230411

Quant Time: Apr 18 01:19:04 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)

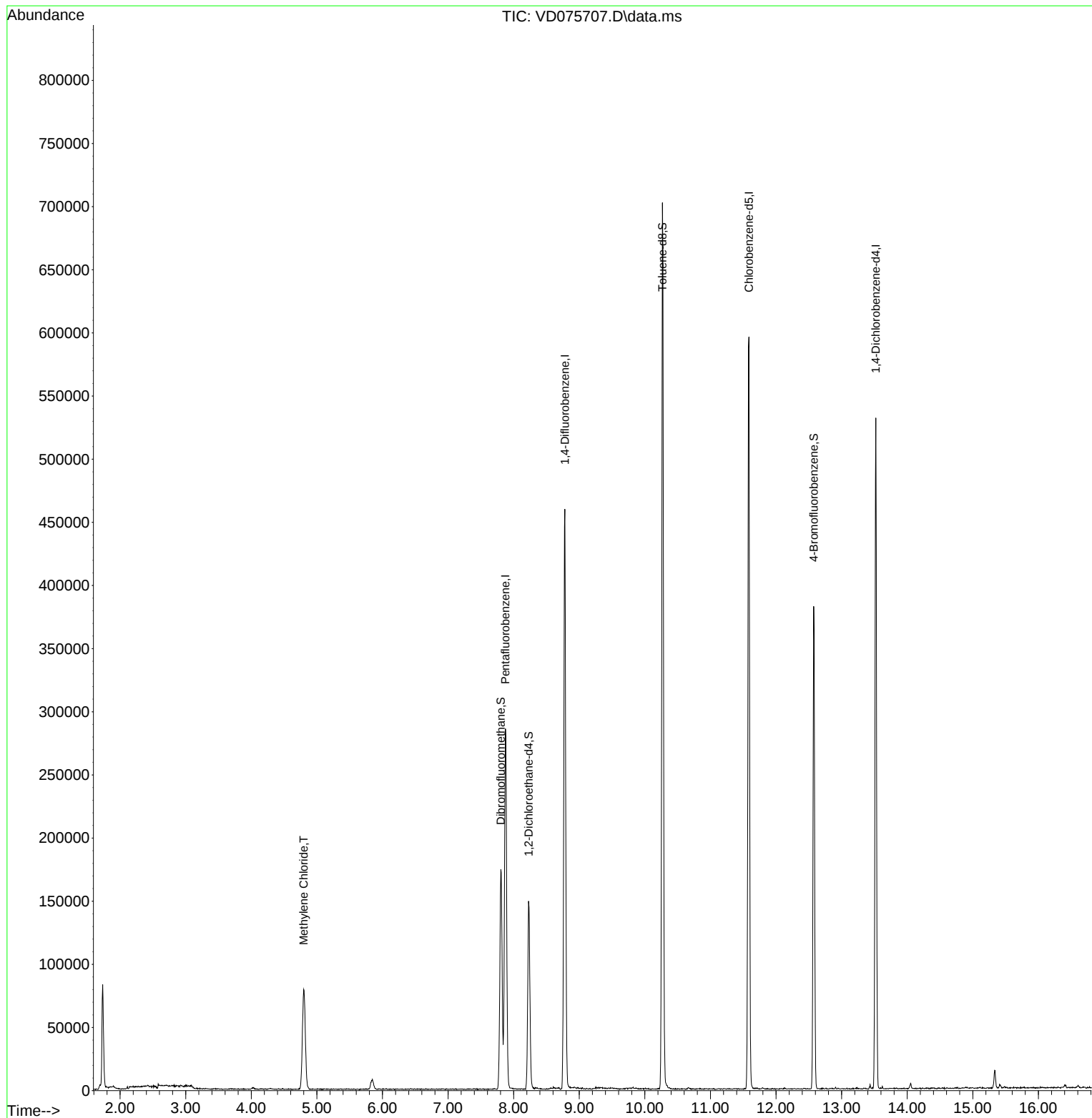
Internal Standards						
1) Pentafluorobenzene	7.875	168	236081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	439696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	384316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	151561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113710	50.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.480%
35) Dibromofluoromethane	7.804	113	130671	44.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.360%
50) Toluene-d8	10.269	98	515965	43.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.140%
62) 4-Bromofluorobenzene	12.575	95	122925	39.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.100%
Target Compounds						
20) Methylene Chloride	4.799	84	73075	20.269	ug/l	Qvalue # 73

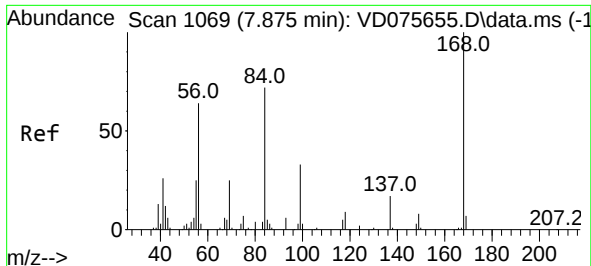
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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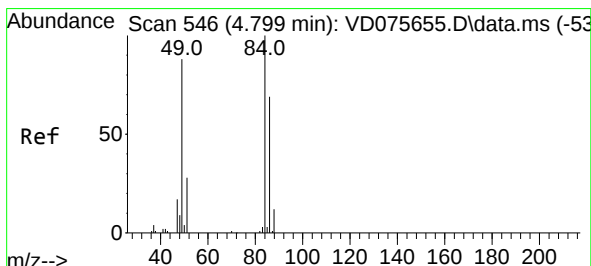
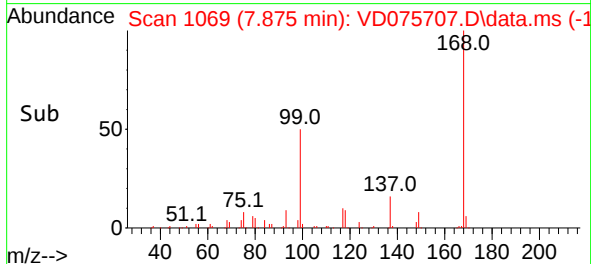
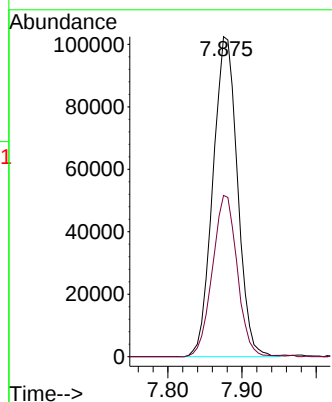
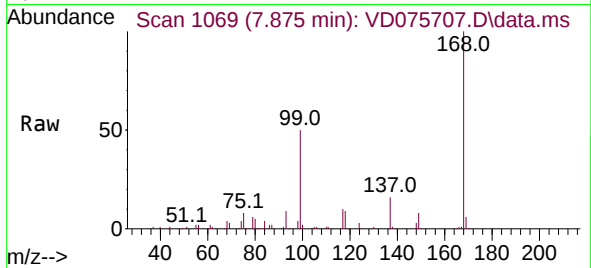




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

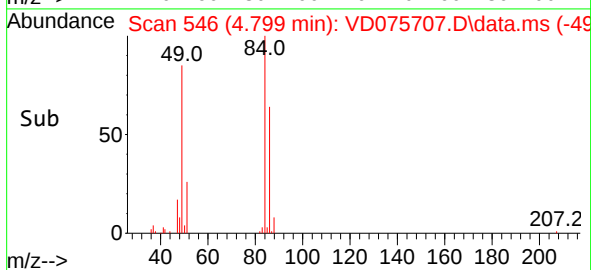
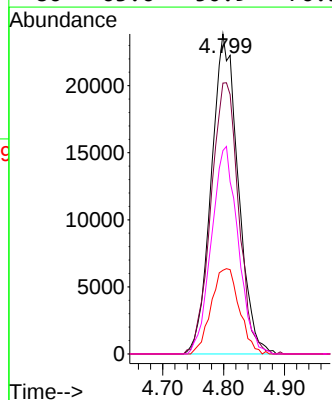
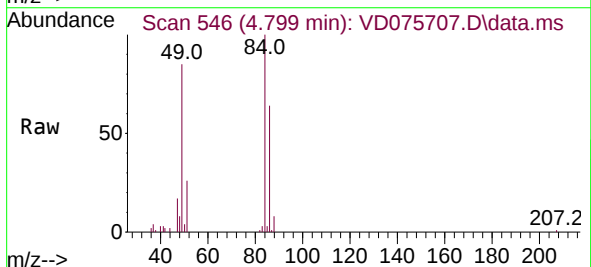
Instrument :
MSVOA_D
ClientSampleId :
SB-25-10-12-20230411

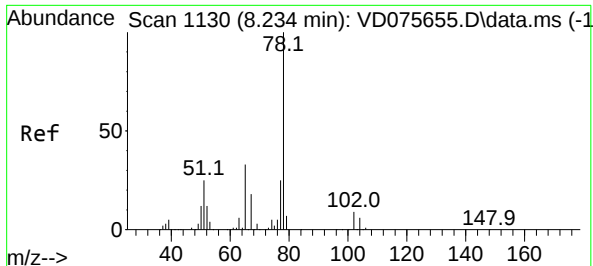
Tgt Ion:168 Resp: 236081
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#20
Methylene Chloride
Concen: 20.269 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion: 84 Resp: 73075
Ion Ratio Lower Upper
84 100
49 84.6 106.4 159.6#
51 26.2 32.4 48.6#
86 63.6 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 50.744 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD075707.D

Acq: 17 Apr 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

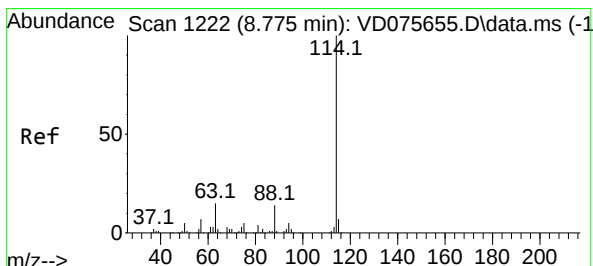
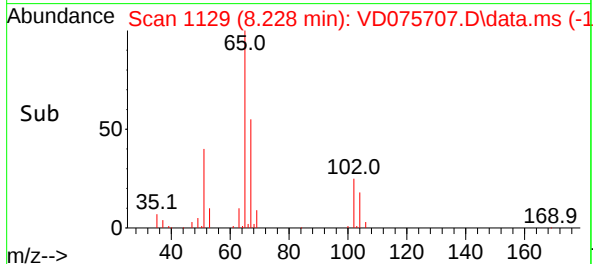
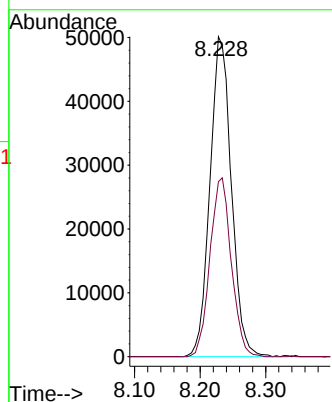
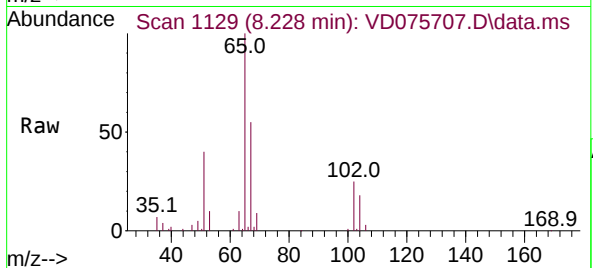
SB-25-10-12-20230411

Tgt Ion: 65 Resp: 113710

Ion Ratio Lower Upper

65 100

67 55.6 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: VD075707.D

Acq: 17 Apr 2023 18:06

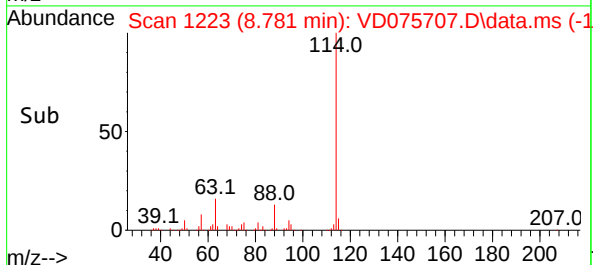
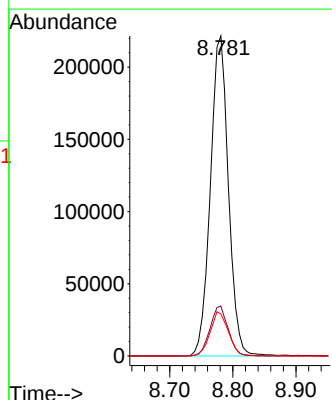
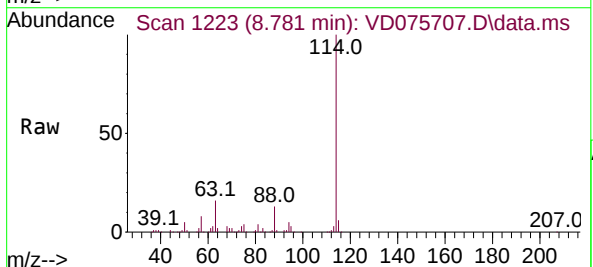
Tgt Ion: 114 Resp: 439696

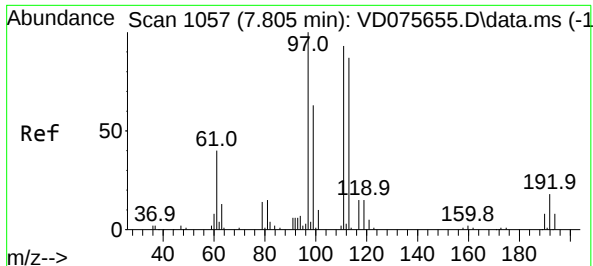
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

88 13.1 0.0 30.6

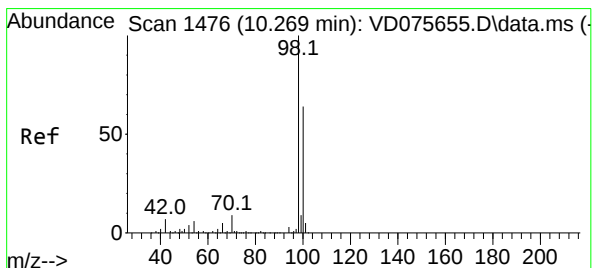
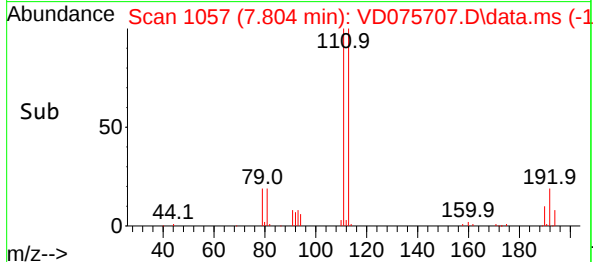
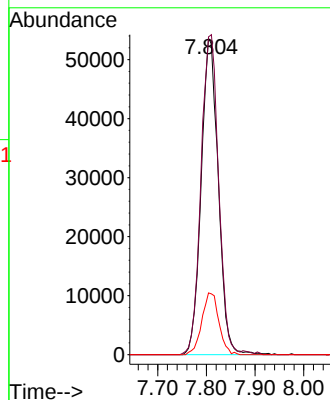
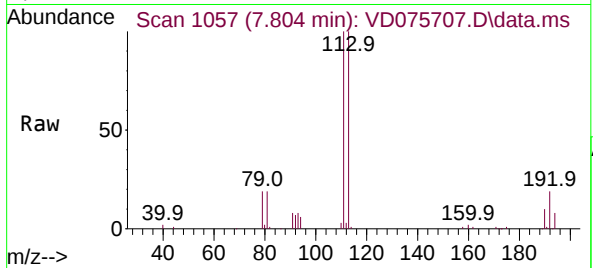




#35
Dibromofluoromethane
Concen: 44.185 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

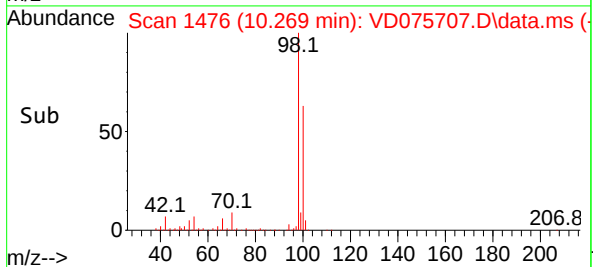
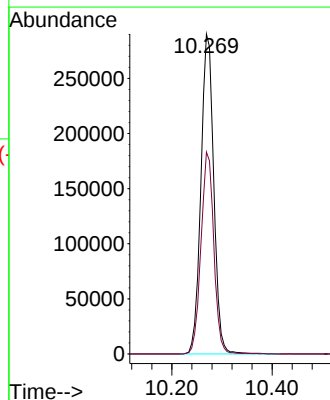
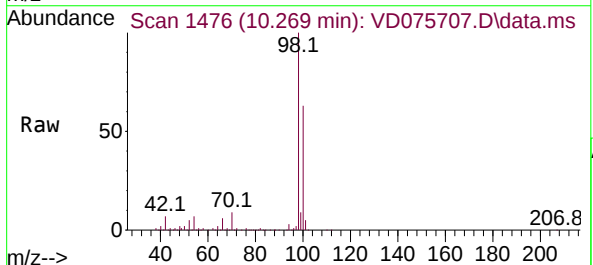
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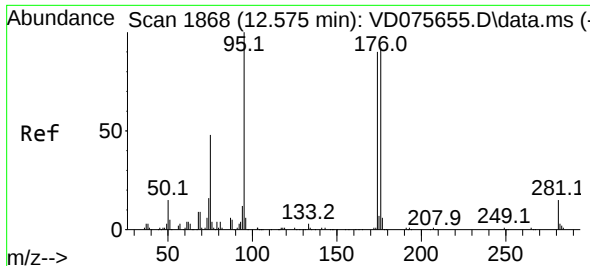
Tgt Ion:113 Resp: 130671
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 19.5 15.2 22.8



#50
Toluene-d8
Concen: 43.567 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion: 98 Resp: 515965
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

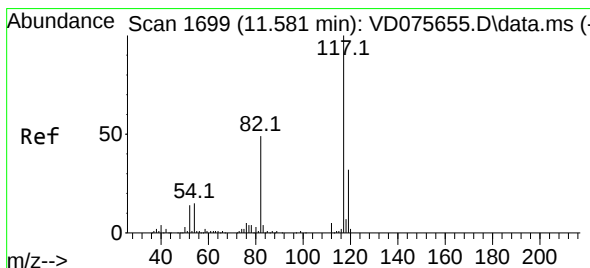
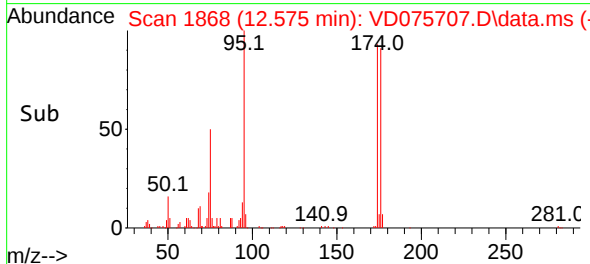
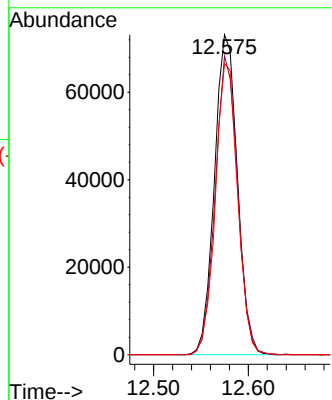
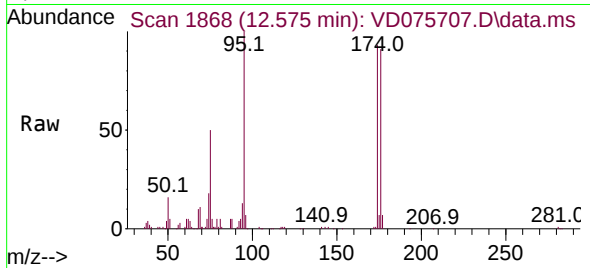




#62
4-Bromofluorobenzene
Concen: 39.050 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

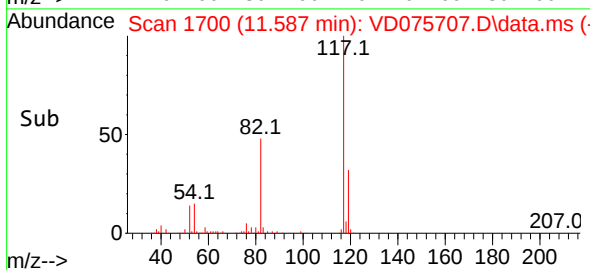
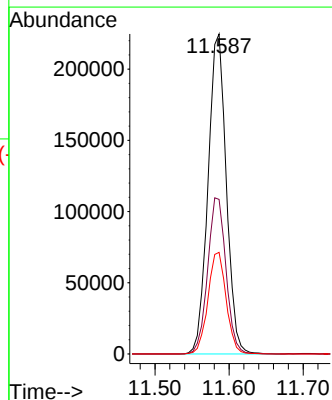
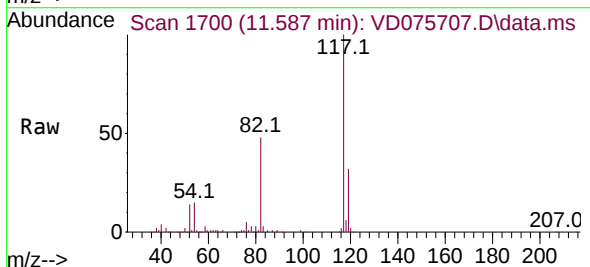
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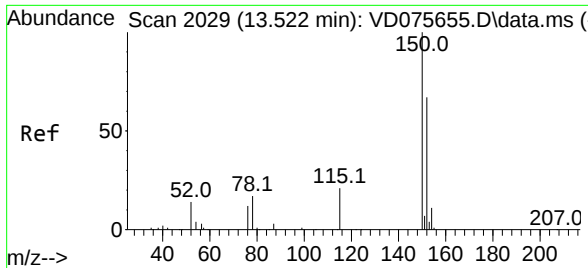
Tgt Ion: 95 Resp: 122925
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 88.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

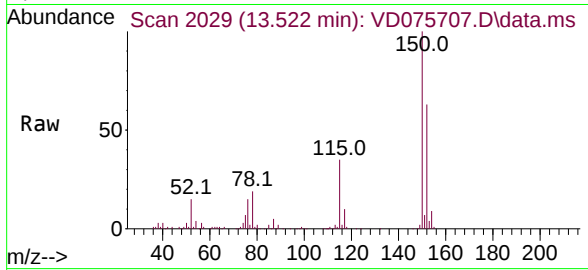
Tgt Ion: 117 Resp: 384316
Ion Ratio Lower Upper
117 100
82 48.3 44.0 66.0
119 31.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075707.D
 Acq: 17 Apr 2023 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-25-10-12-20230411



Tgt Ion:	152	Resp:	151561
Ion	Ratio	Lower	Upper
152	100		
115	54.2	30.1	90.3
150	158.7	0.0	364.8

