

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075713.D
 Acq On : 17 Apr 2023 21:03
 Operator : KP/SY
 Sample : 02270-16
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-5-7-20230411

Quant Time: Apr 18 01:19:54 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)

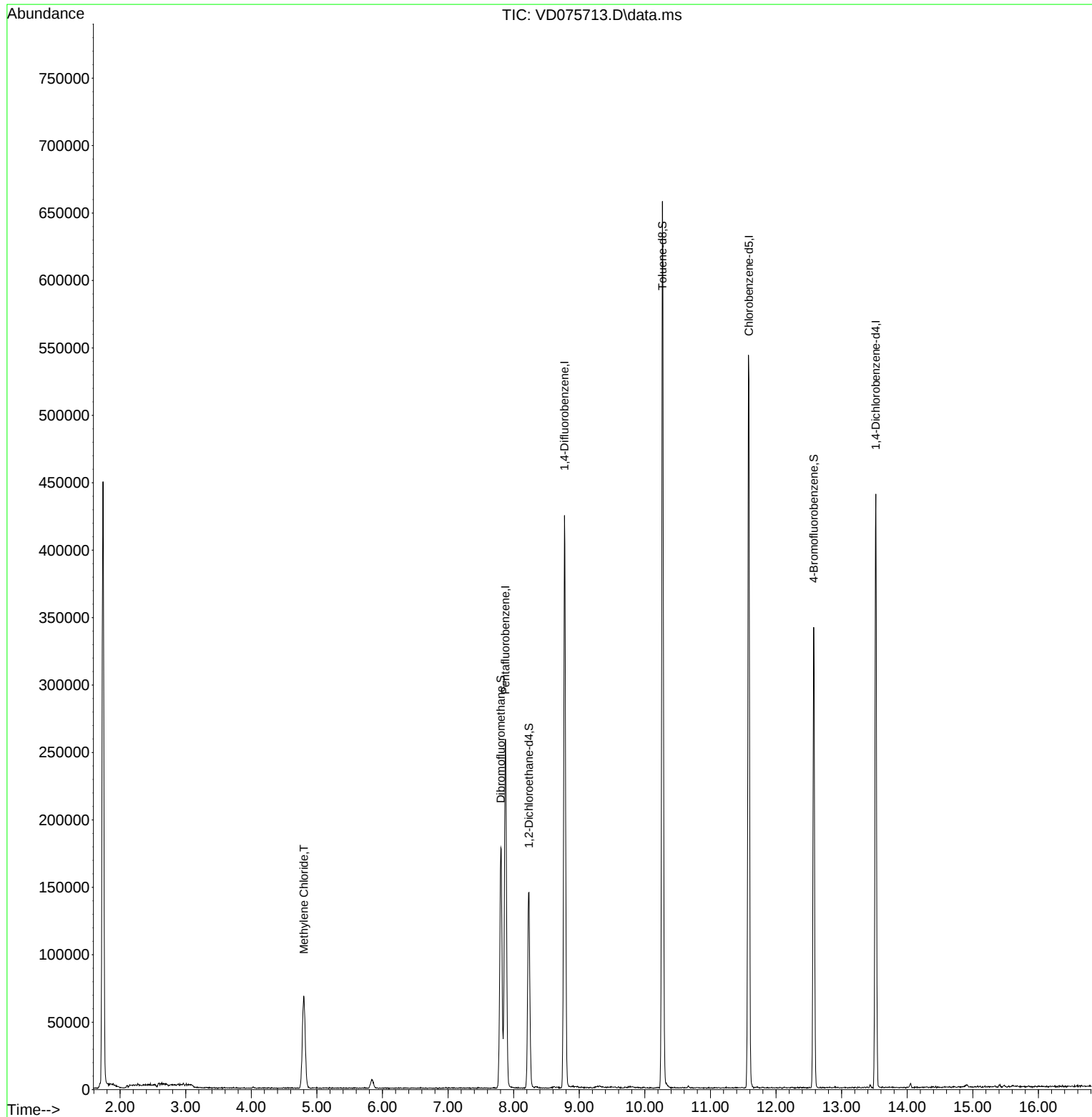
Internal Standards						
1) Pentafluorobenzene	7.875	168	213848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	407028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	349480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	128234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	112680	55.512	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.020%	
35) Dibromofluoromethane	7.804	113	133579	48.793	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	97.580%	
50) Toluene-d8	10.269	98	481338	43.905	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	87.800%	
62) 4-Bromofluorobenzene	12.575	95	110241	37.832	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	75.660%	
Target Compounds						
20) Methylene Chloride	4.805	84	62606	18.895	ug/l	Qvalue # 71

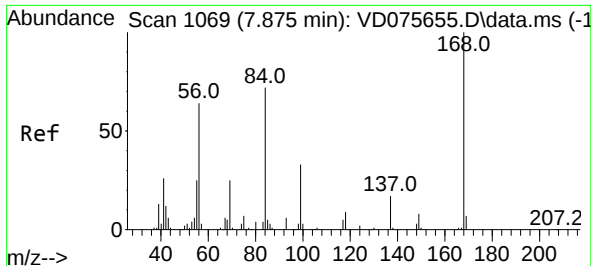
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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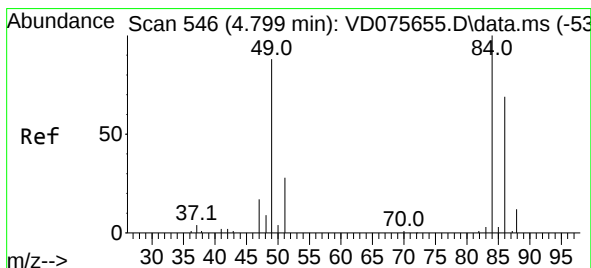
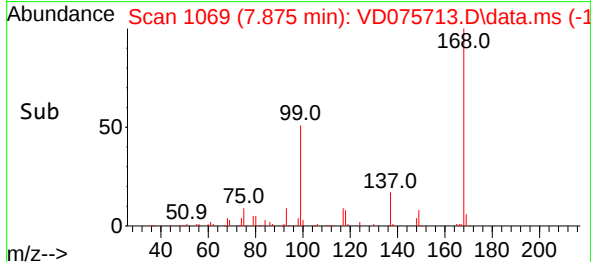
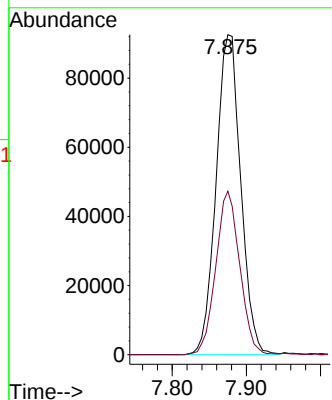
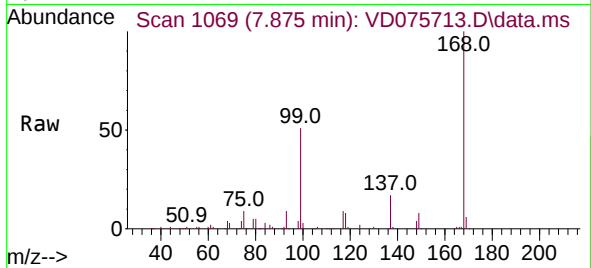




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

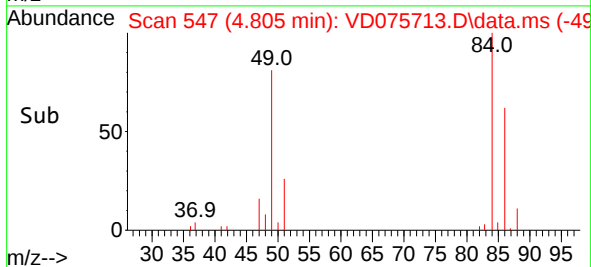
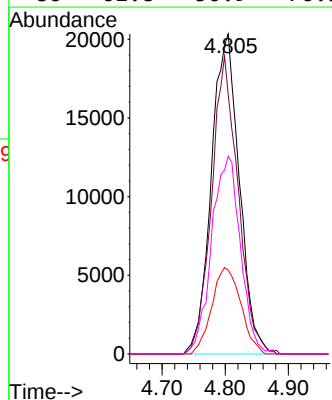
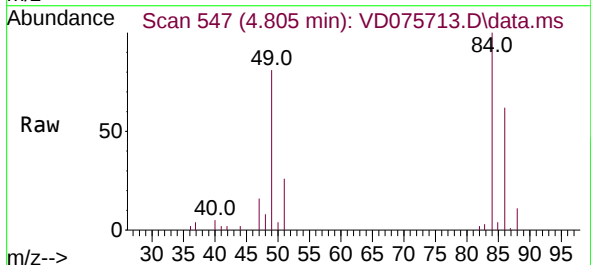
Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

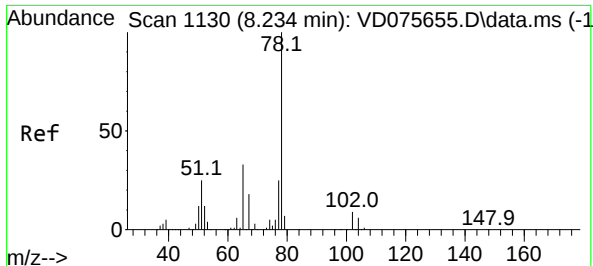
Tgt Ion:168 Resp: 213848
Ion Ratio Lower Upper
168 100
99 51.1 43.8 65.6



#20
Methylene Chloride
Concen: 18.895 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion: 84 Resp: 62606
Ion Ratio Lower Upper
84 100
49 81.1 106.4 159.6#
51 26.2 32.4 48.6#
86 61.8 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 55.512 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075713.D

Acq: 17 Apr 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :

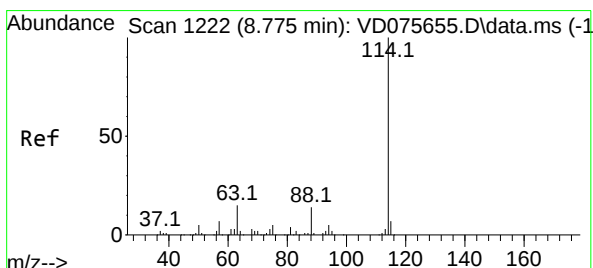
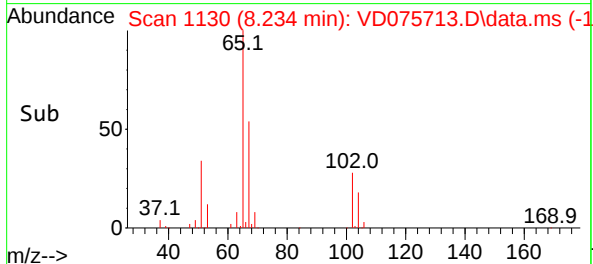
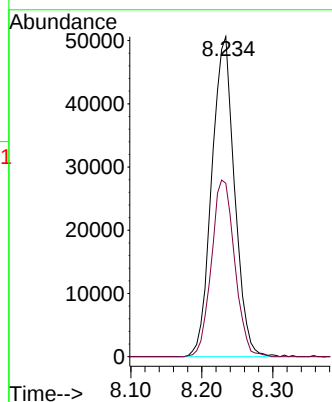
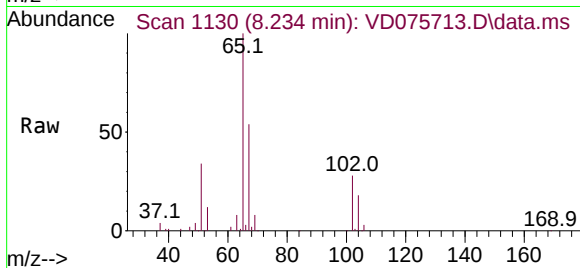
SB-19-5-7-20230411

Tgt Ion: 65 Resp: 112680

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075713.D

Acq: 17 Apr 2023 21:03

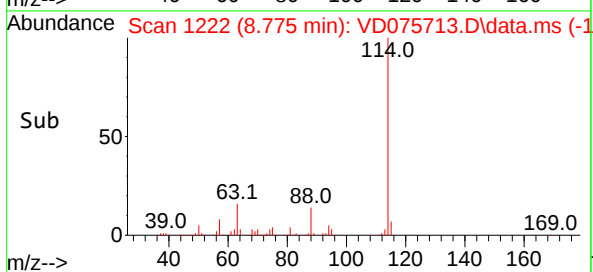
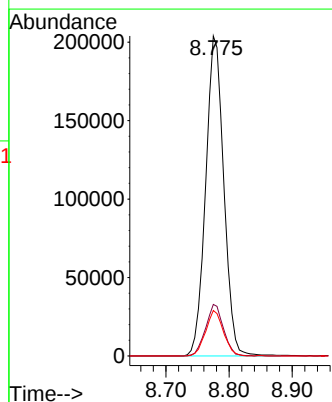
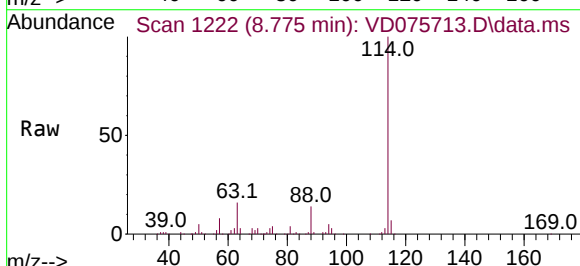
Tgt Ion: 114 Resp: 407028

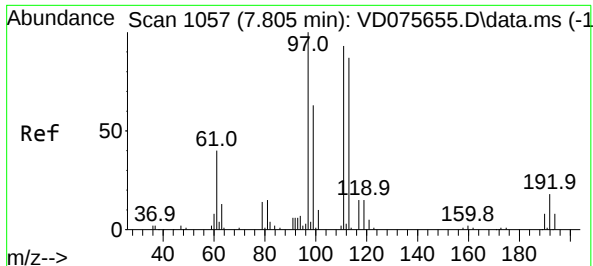
Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.793 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.001 min

Lab File: VD075713.D

Acq: 17 Apr 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :

SB-19-5-7-20230411

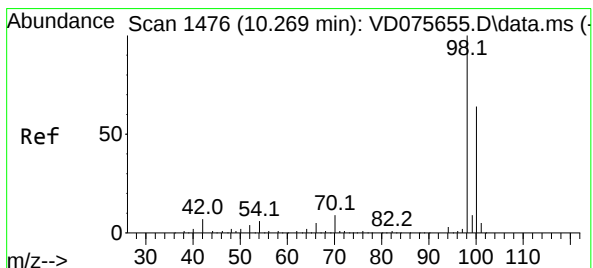
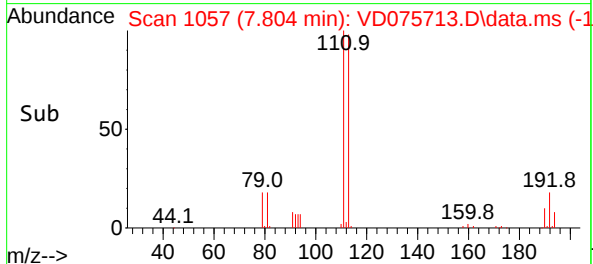
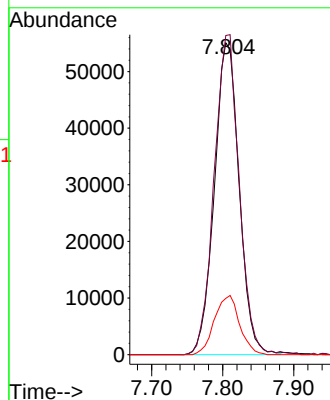
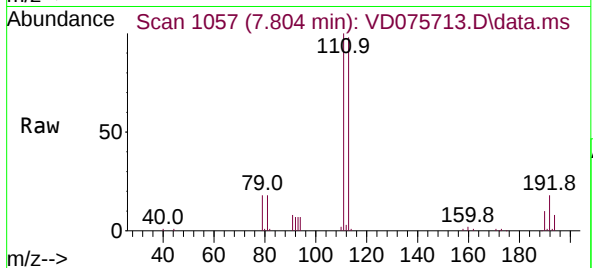
Tgt Ion:113 Resp: 133579

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.2 15.2 22.8



#50

Toluene-d8

Concen: 43.905 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075713.D

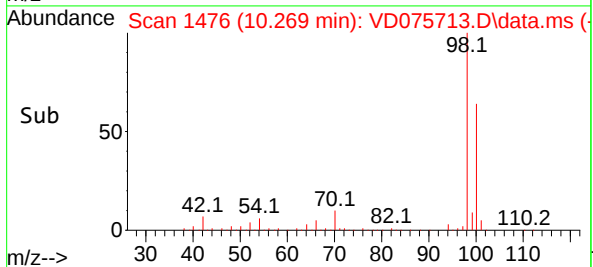
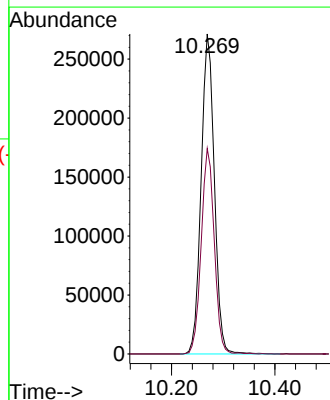
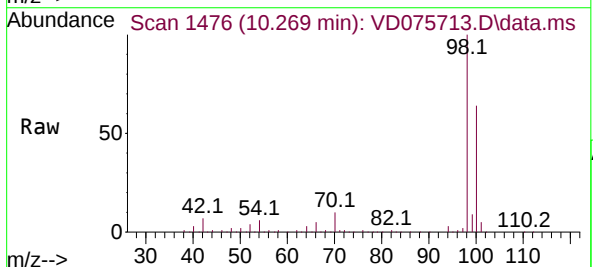
Acq: 17 Apr 2023 21:03

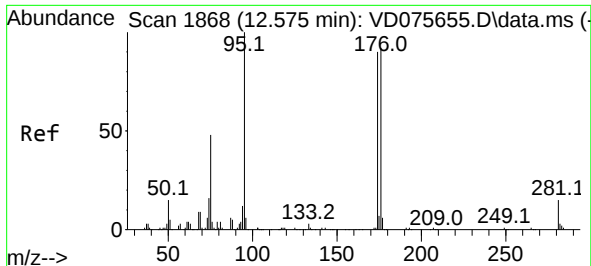
Tgt Ion: 98 Resp: 481338

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1

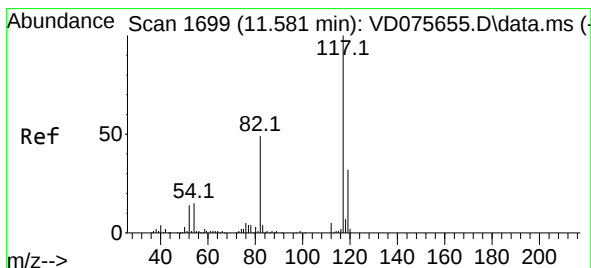
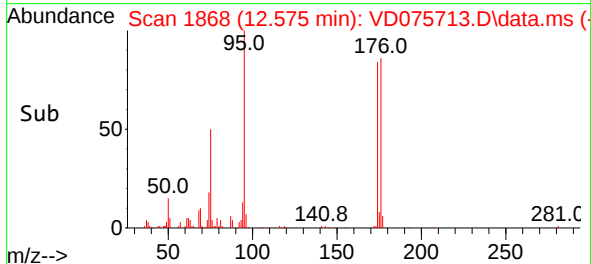
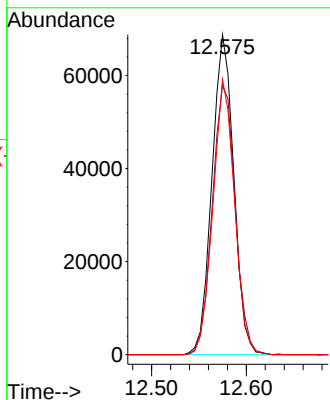
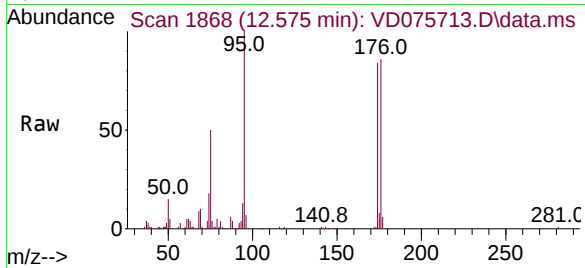




#62
4-Bromofluorobenzene
Concen: 37.832 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

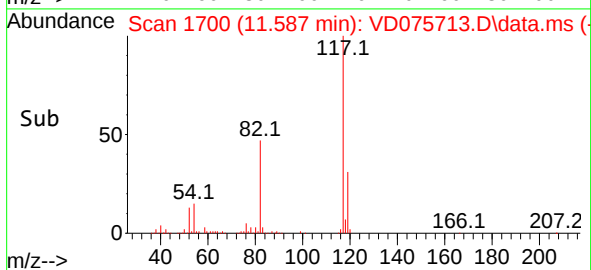
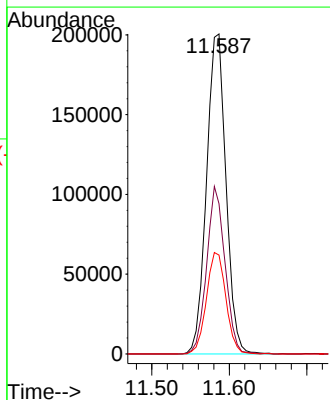
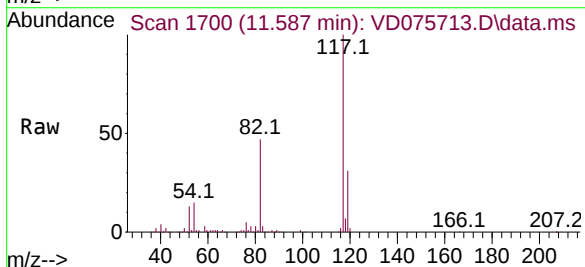
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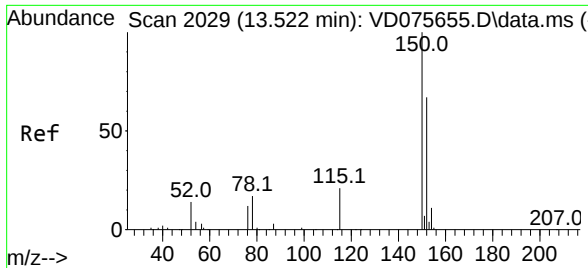
Tgt Ion: 95 Resp: 110241
Ion Ratio Lower Upper
95 100
174 88.4 0.0 164.0
176 85.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

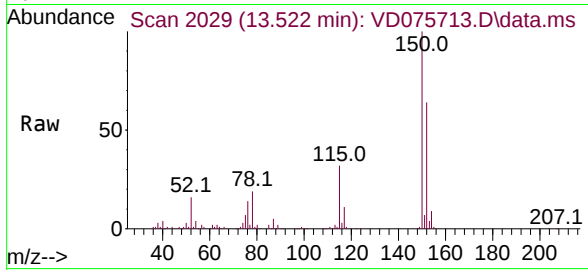
Tgt Ion: 117 Resp: 349480
Ion Ratio Lower Upper
117 100
82 47.0 44.0 66.0
119 30.9 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075713.D
 Acq: 17 Apr 2023 21:03

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-5-7-20230411



Tgt Ion:152 Resp: 128234

Ion	Ratio	Lower	Upper
152	100		
115	53.7	30.1	90.3
150	155.4	0.0	364.8

