

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075728.D
 Acq On : 18 Apr 2023 15:48
 Operator : KP/SY
 Sample : 02270-15
 Misc : 4.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-0-2-20230411

Quant Time: Apr 19 01:24:00 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)

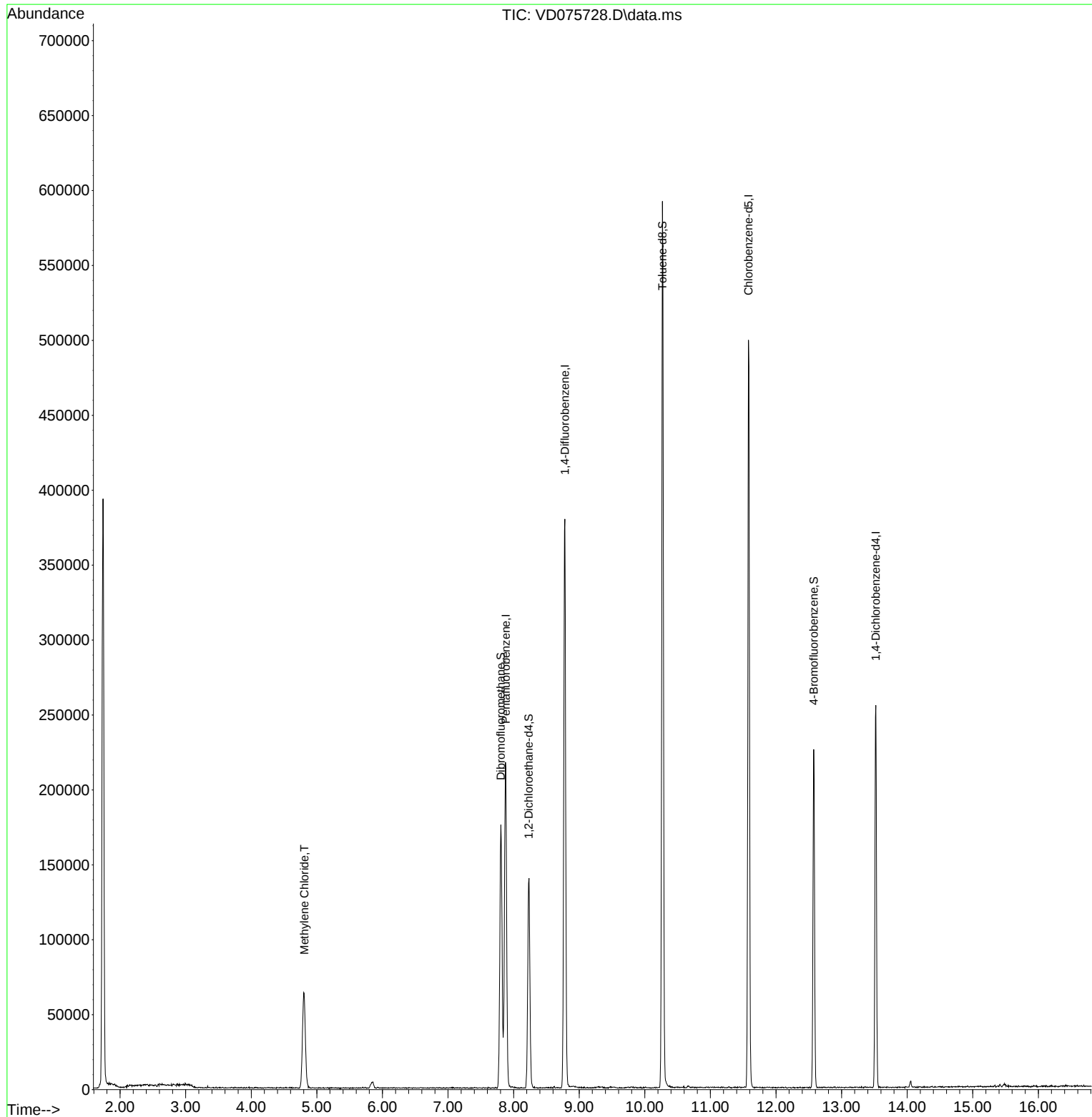
Internal Standards						
1) Pentafluorobenzene	7.881	168	179700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	372906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	75774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106916	62.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.360%
35) Dibromofluoromethane	7.805	113	130827	52.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.320%
50) Toluene-d8	10.269	98	438662	43.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.340%
62) 4-Bromofluorobenzene	12.575	95	72090	27.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.000%
Target Compounds						
20) Methylene Chloride	4.811	84	58559	21.607	ug/l	Qvalue # 72

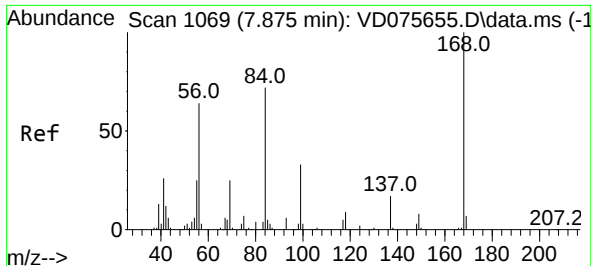
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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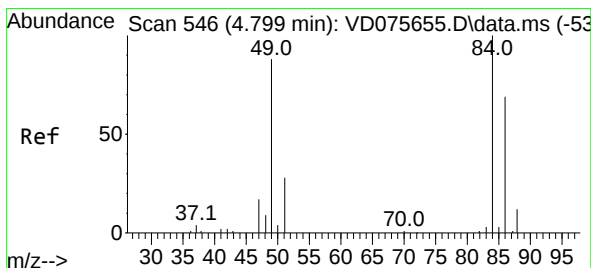
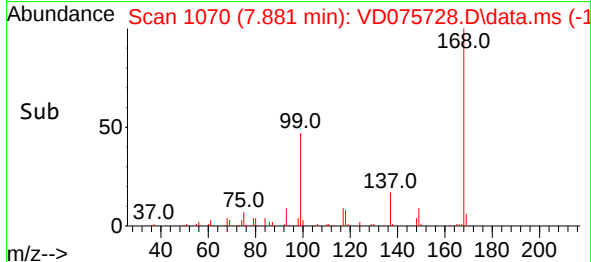
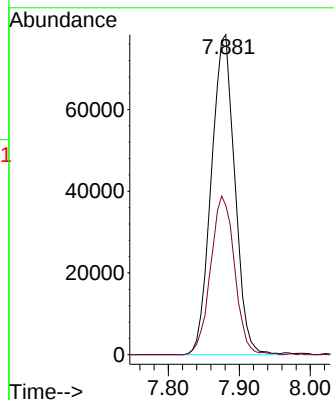
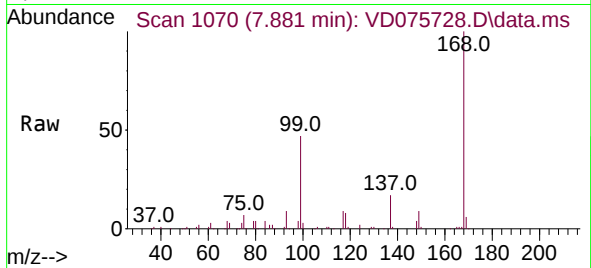




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075728.D
Acq: 18 Apr 2023 15:48

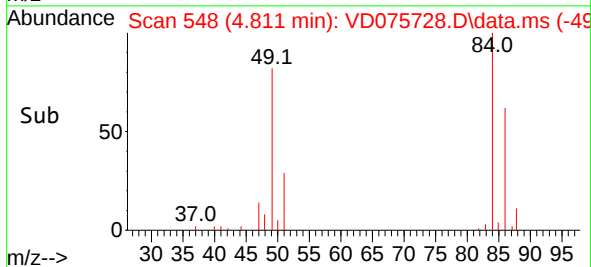
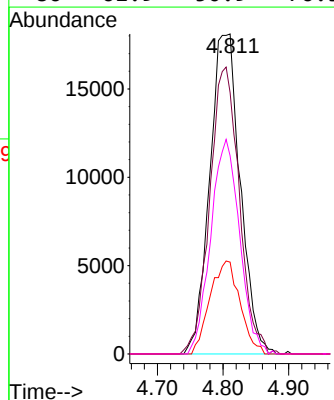
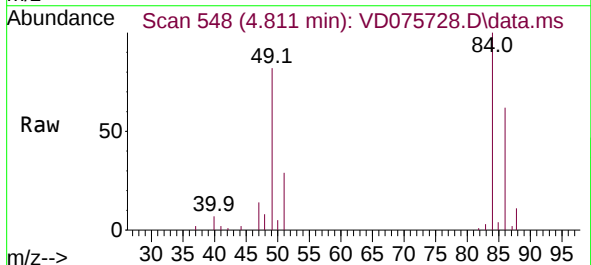
Instrument :
MSVOA_D
ClientSampleId :
SB-19-0-2-20230411

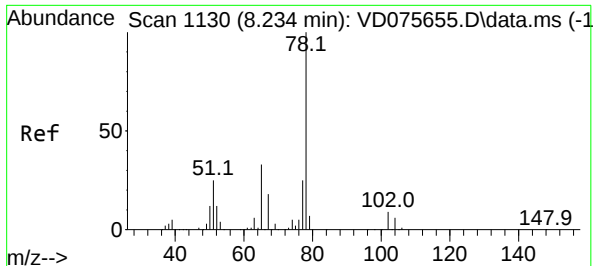
Tgt Ion:168 Resp: 179700
Ion Ratio Lower Upper
168 100
99 46.7 43.8 65.6



#20
Methylene Chloride
Concen: 21.607 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.012 min
Lab File: VD075728.D
Acq: 18 Apr 2023 15:48

Tgt Ion: 84 Resp: 58559
Ion Ratio Lower Upper
84 100
49 81.7 106.4 159.6#
51 28.7 32.4 48.6#
86 61.9 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 62.682 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD075728.D

Acq: 18 Apr 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

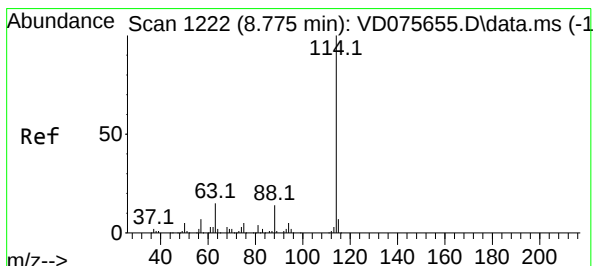
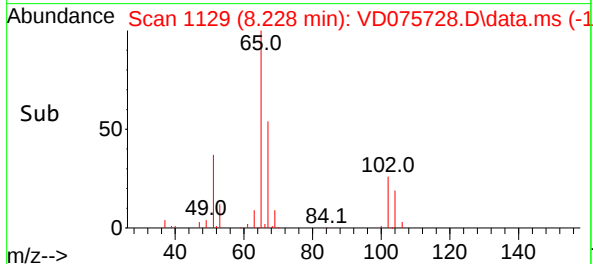
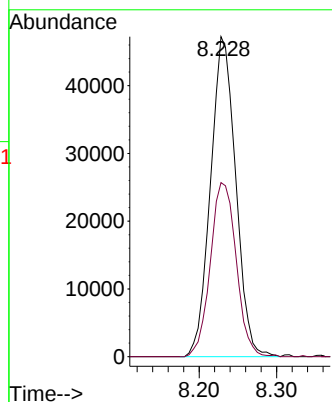
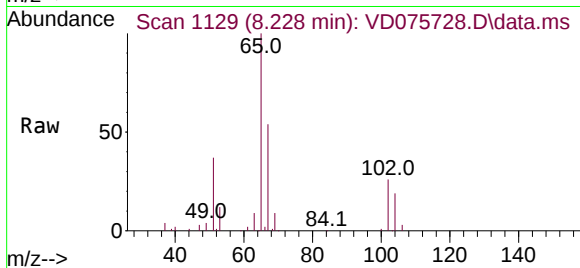
SB-19-0-2-20230411

Tgt Ion: 65 Resp: 106916

Ion Ratio Lower Upper

65 100

67 55.8 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: VD075728.D

Acq: 18 Apr 2023 15:48

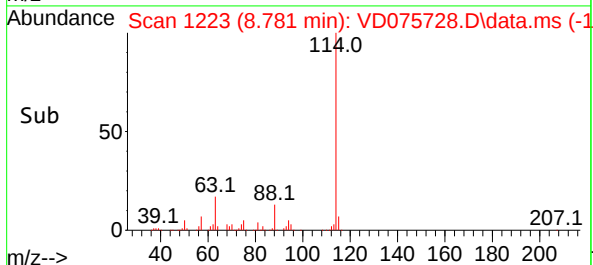
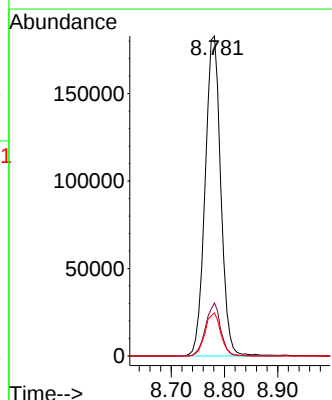
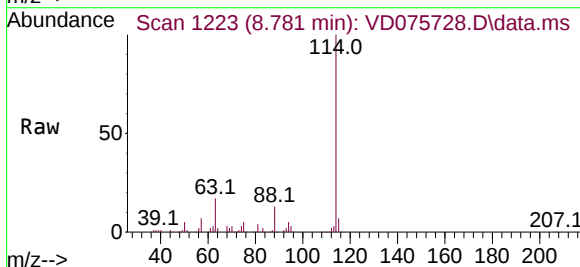
Tgt Ion: 114 Resp: 372906

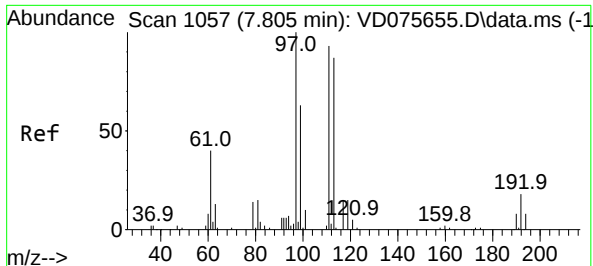
Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.160 ug/l

RT: 7.805 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD075728.D

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MSVOA_D

ClientSampleId :

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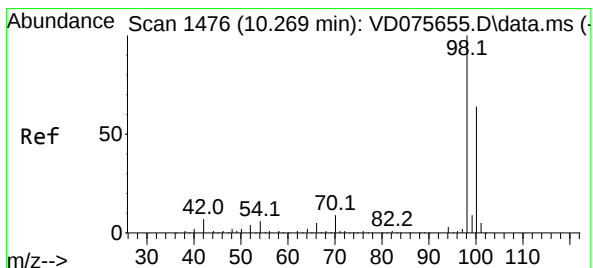
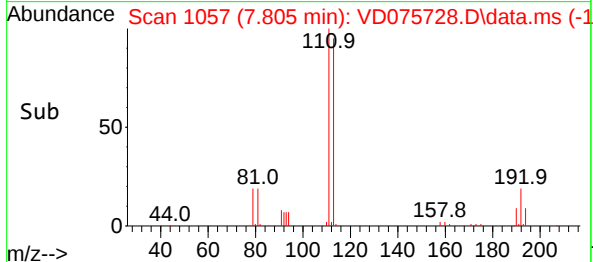
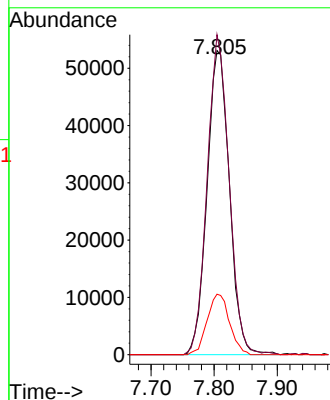
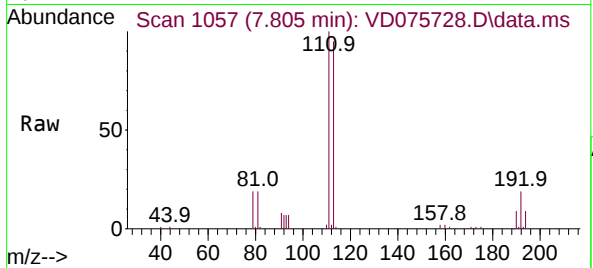
Tgt Ion:113 Resp: 130827

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.9 15.2 22.8



#50

Toluene-d8

Concen: 43.673 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075728.D

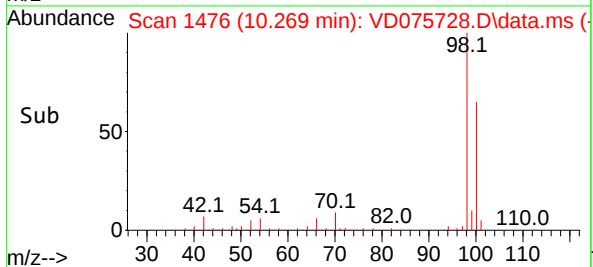
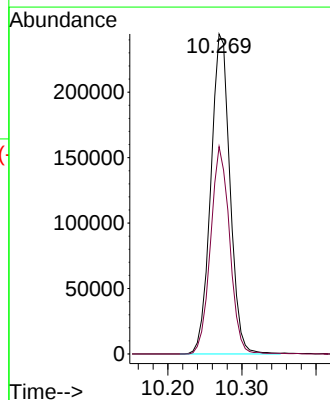
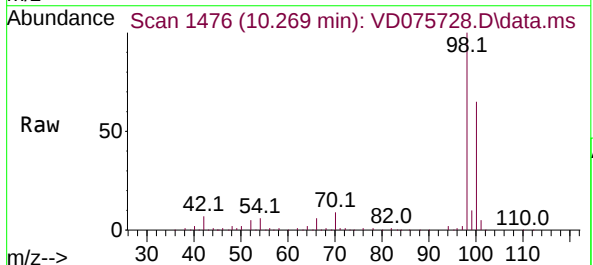
Acq: 18 Apr 2023 15:48

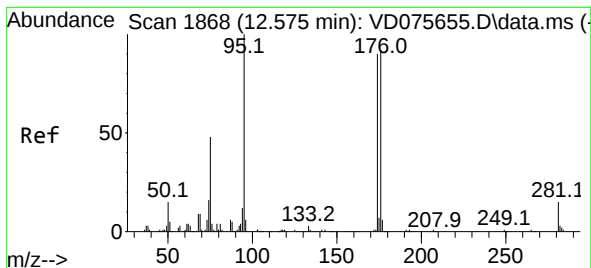
Tgt Ion: 98 Resp: 438662

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

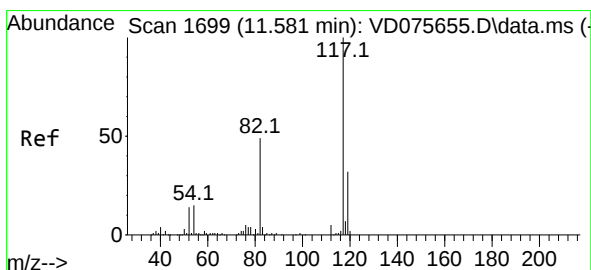
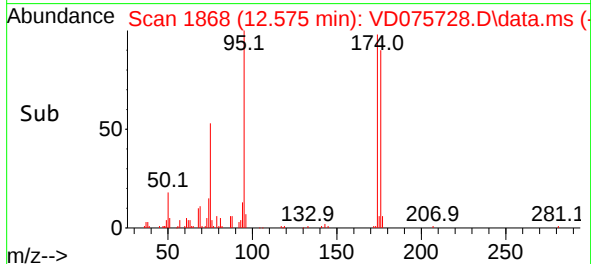
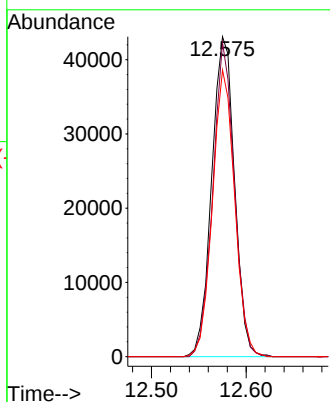
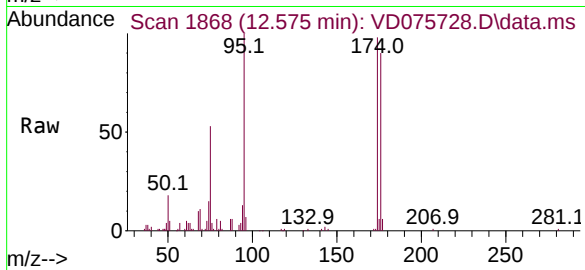




#62
4-Bromofluorobenzene
Concen: 27.003 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075728.D
Acq: 18 Apr 2023 15:48

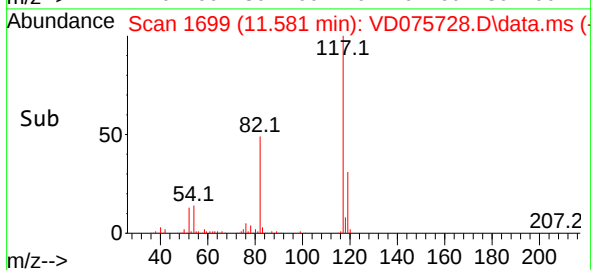
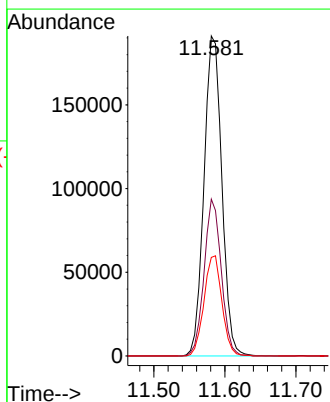
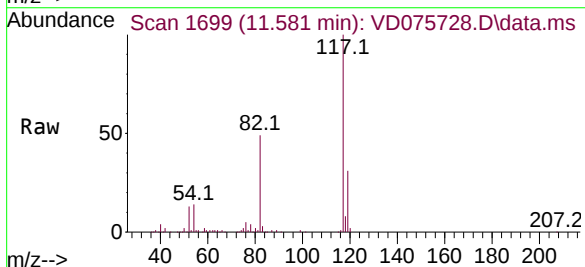
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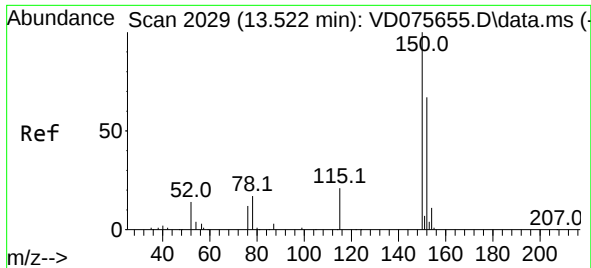
Tgt Ion:	95	Resp:	72090
Ion Ratio	Lower	Upper	
95	100		
174	92.7	0.0	164.0
176	87.3	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075728.D
Acq: 18 Apr 2023 15:48

Tgt Ion:	117	Resp:	334593
Ion Ratio	Lower	Upper	
117	100		
82	49.0	44.0	66.0
119	30.8	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: VD075728.D

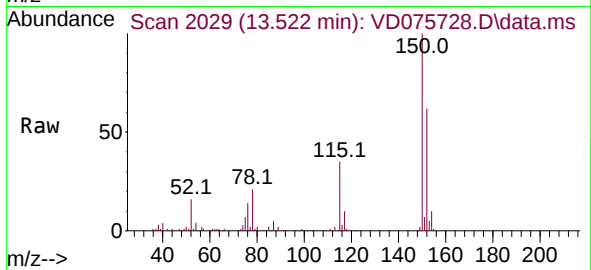
Acq: 18 Apr 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

SB-19-0-2-20230411



Tgt Ion:152 Resp: 75774

Ion Ratio Lower Upper

152 100

115 54.7 30.1 90.3

150 157.0 0.0 364.8

