

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075710.D
 Acq On : 17 Apr 2023 19:35
 Operator : KP/SY
 Sample : 02270-12
 Misc : 2.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27-10-12-20230411

Quant Time: Apr 18 01:19:29 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)

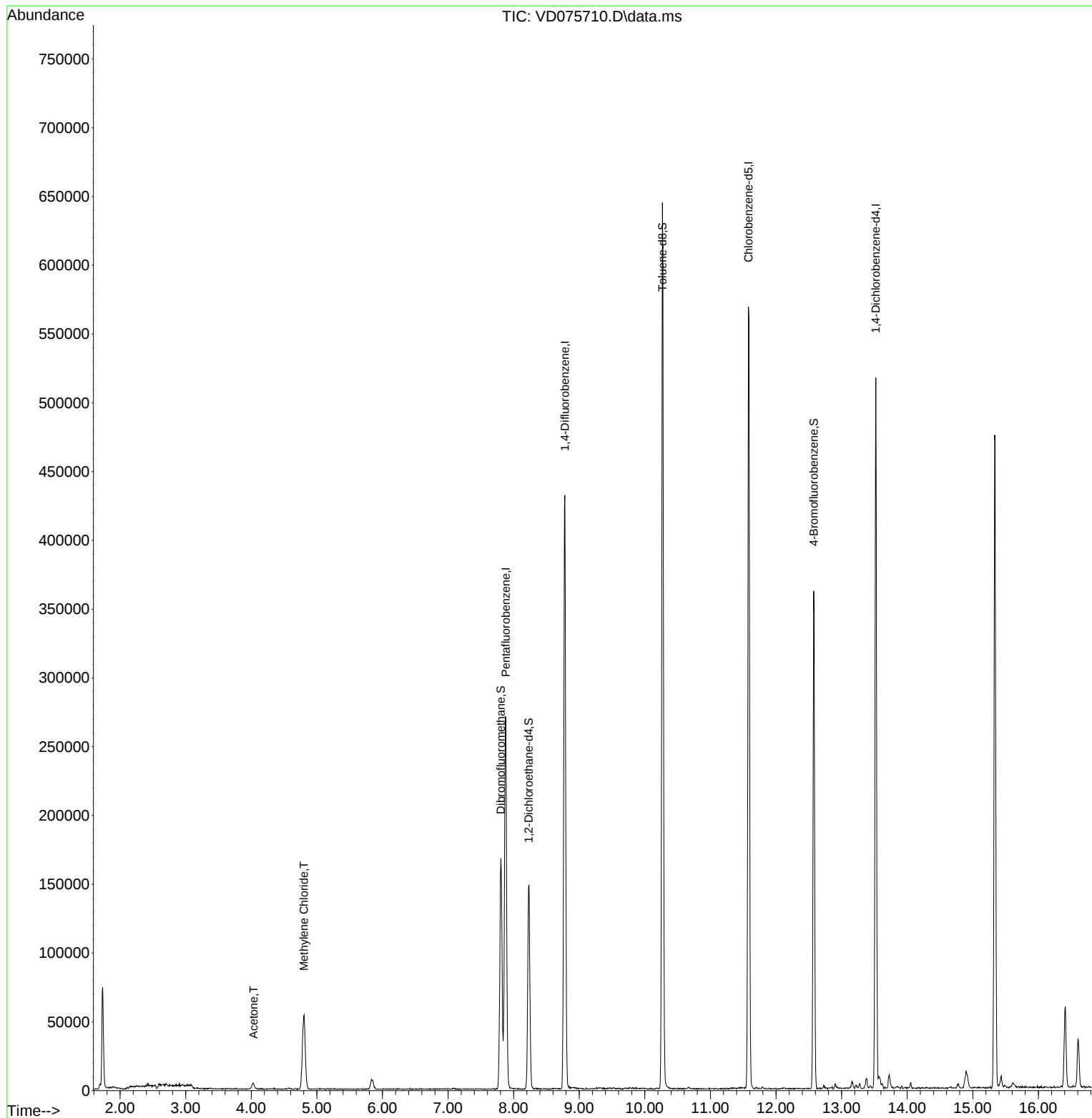
Internal Standards						
1) Pentafluorobenzene	7.881	168	223173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	422513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	368837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	145653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115069	54.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.640%
35) Dibromofluoromethane	7.804	113	127528	44.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.760%
50) Toluene-d8	10.269	98	475464	41.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.560%
62) 4-Bromofluorobenzene	12.575	95	114646	37.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.800%
Target Compounds						
						Qvalue
16) Acetone	4.034	43	7290	18.785	ug/l	92
20) Methylene Chloride	4.805	84	48874	12.854	ug/l #	59

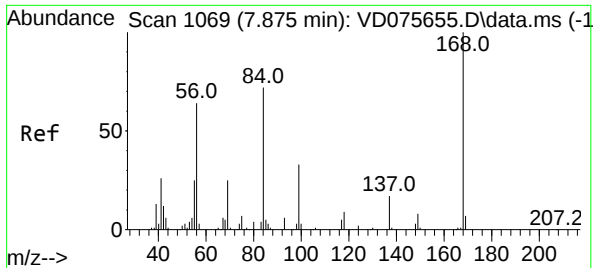
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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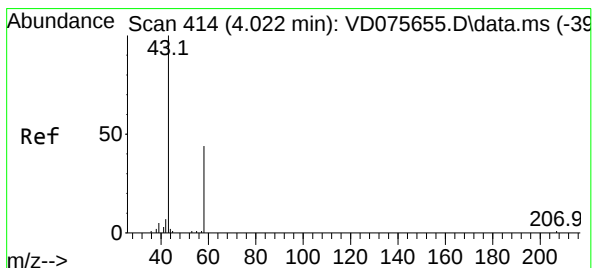
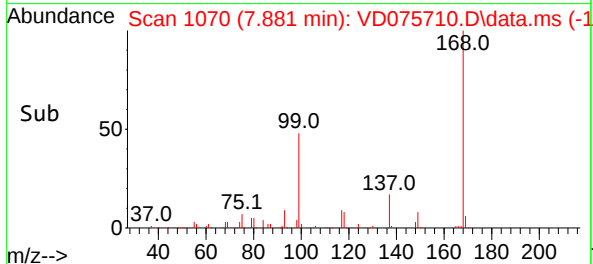
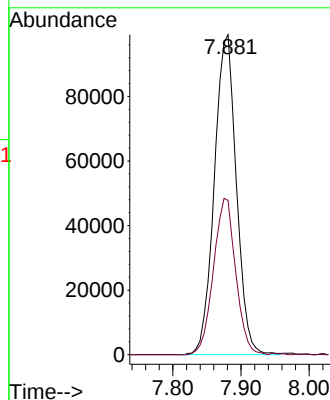
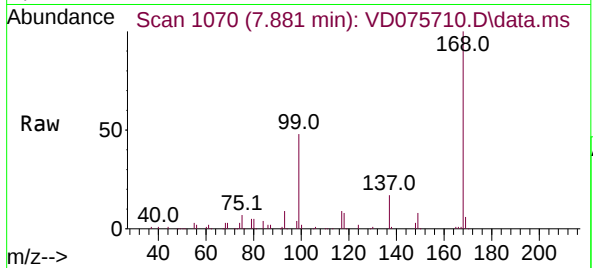




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

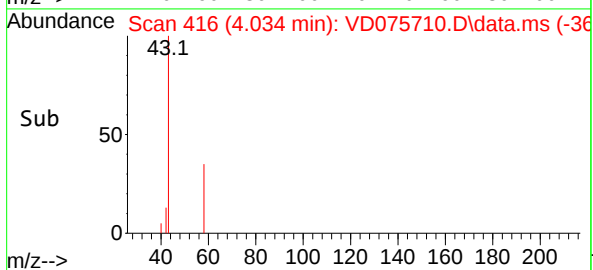
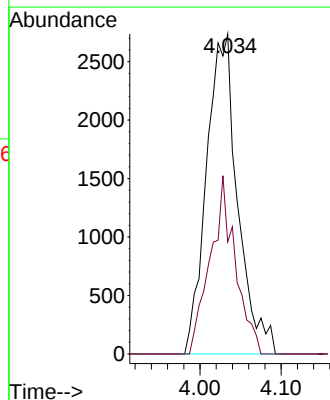
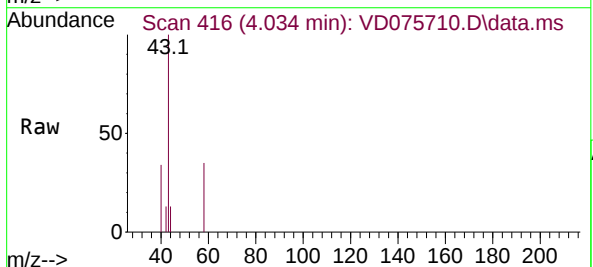
Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411

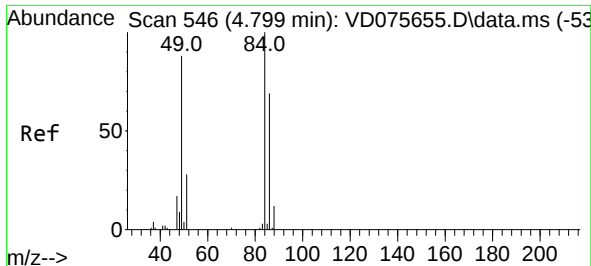
Tgt Ion:168 Resp: 223173
Ion Ratio Lower Upper
168 100
99 48.2 43.8 65.6



#16
Acetone
Concen: 18.785 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

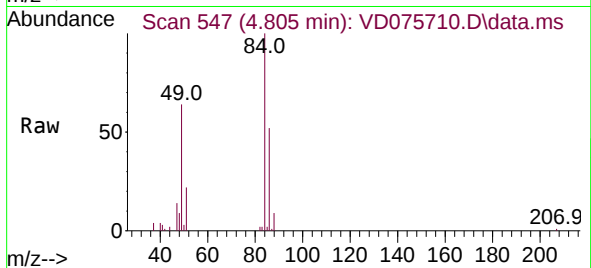
Tgt Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
58 35.0 24.4 36.6



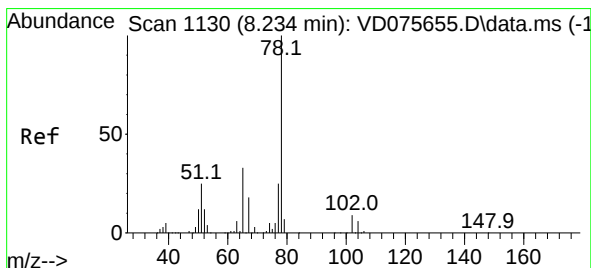
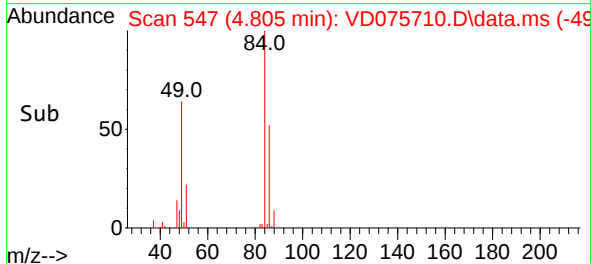
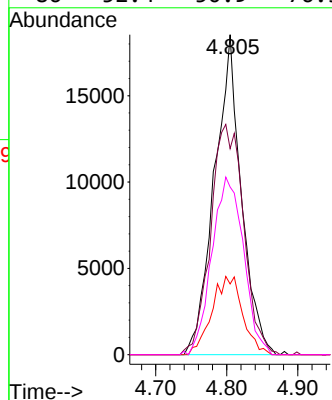


#20
Methylene Chloride
Concen: 12.854 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411

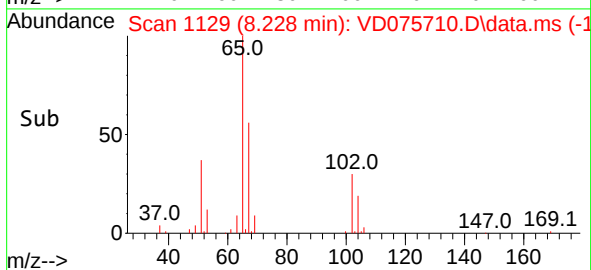
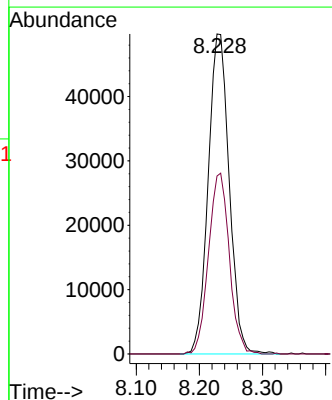
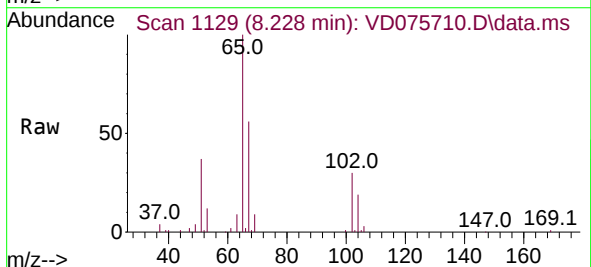


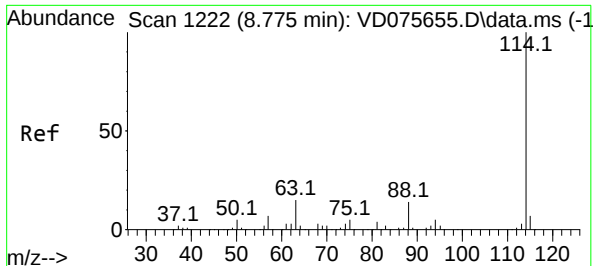
Tgt Ion:	84	Resp:	48874
Ion	Ratio	Lower	Upper
84	100		
49	64.4	106.4	159.6#
51	22.1	32.4	48.6#
86	52.4	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 54.320 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Tgt Ion:	65	Resp:	115069
Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075710.D

Acq: 17 Apr 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

SB-27-10-12-20230411

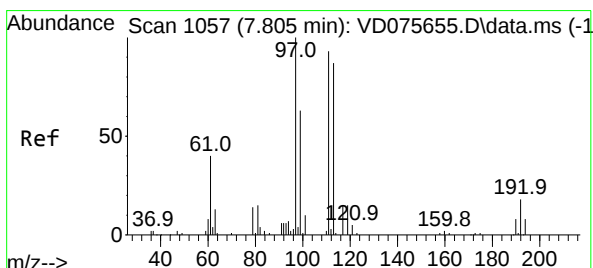
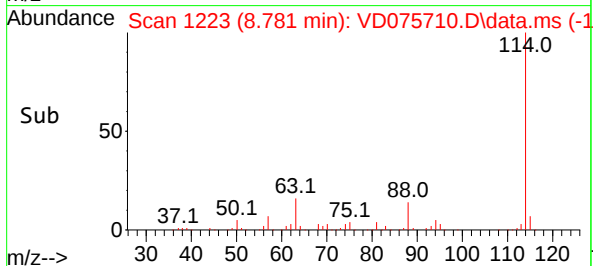
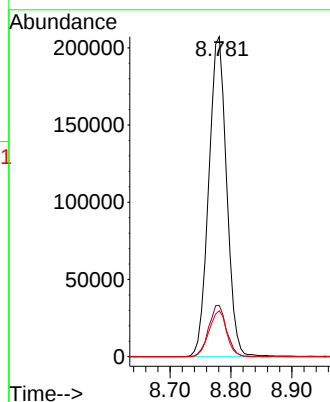
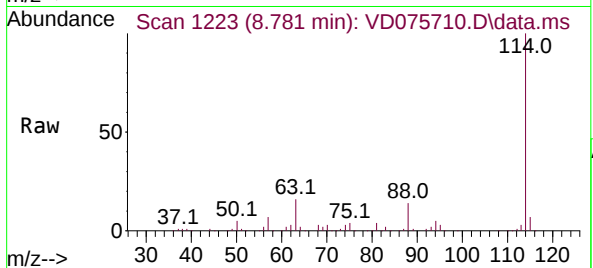
Tgt Ion:114 Resp: 422513

Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.875 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075710.D

Acq: 17 Apr 2023 19:35

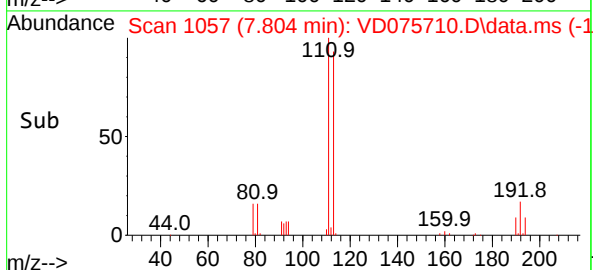
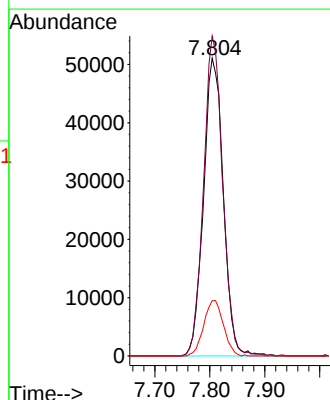
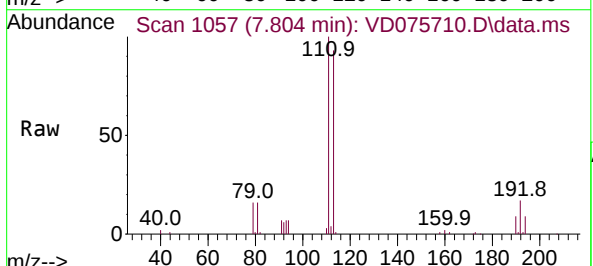
Tgt Ion:113 Resp: 127528

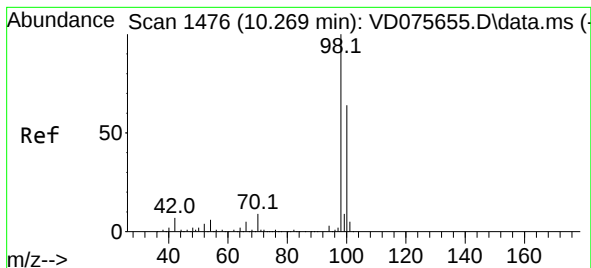
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.6 15.2 22.8





#50

Toluene-d8

Concen: 41.780 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075710.D

Acq: 17 Apr 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

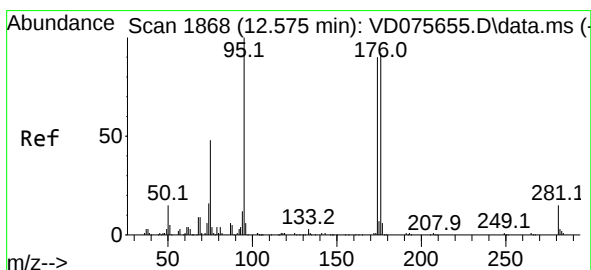
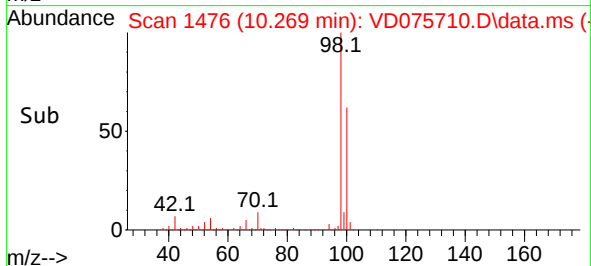
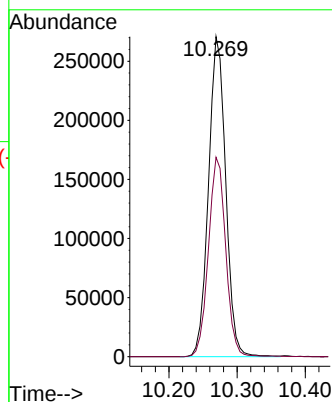
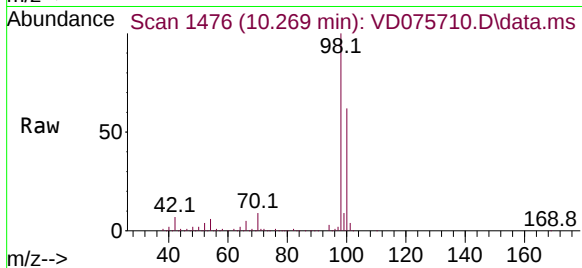
SB-27-10-12-20230411

Tgt Ion: 98 Resp: 475464

Ion Ratio Lower Upper

98 100

100 62.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 37.901 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075710.D

Acq: 17 Apr 2023 19:35

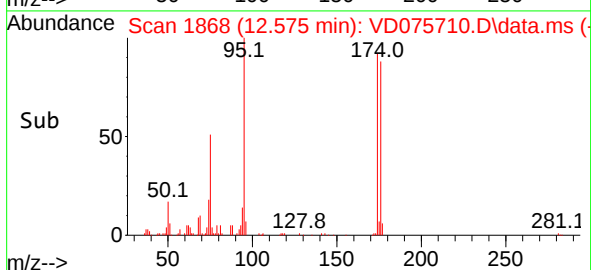
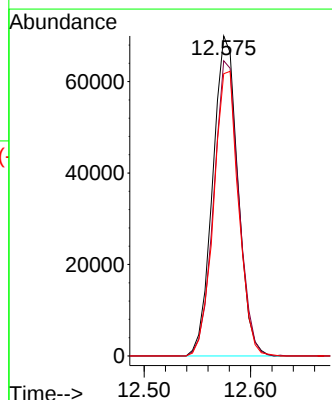
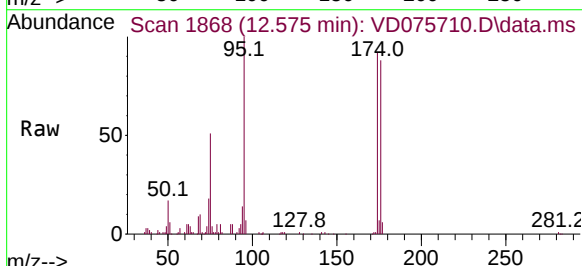
Tgt Ion: 95 Resp: 114646

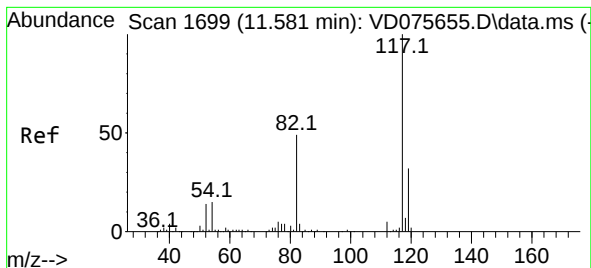
Ion Ratio Lower Upper

95 100

174 91.5 0.0 164.0

176 87.8 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075710.D

Acq: 17 Apr 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

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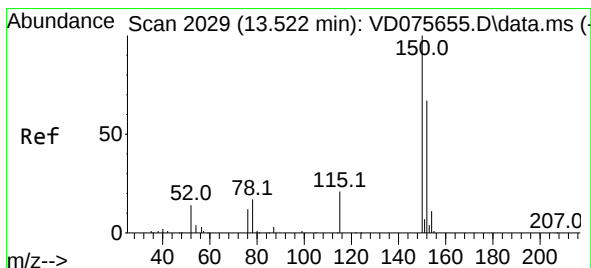
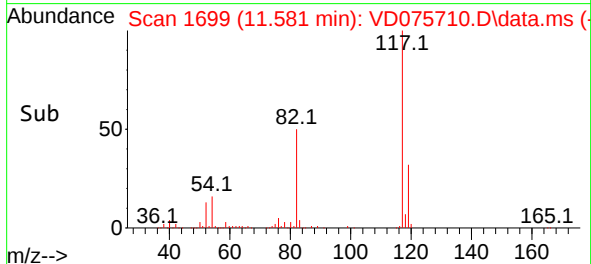
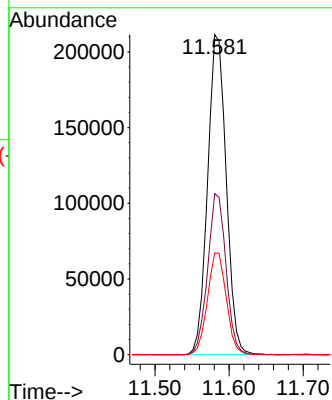
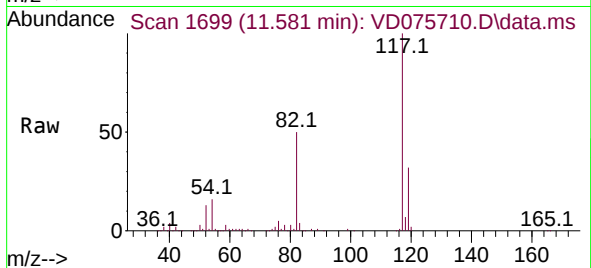
Tgt Ion:117 Resp: 368837

Ion Ratio Lower Upper

117 100

82 50.3 44.0 66.0

119 31.8 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075710.D

Acq: 17 Apr 2023 19:35

Tgt Ion:152 Resp: 145653

Ion Ratio Lower Upper

152 100

115 54.6 30.1 90.3

150 158.4 0.0 364.8

