

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075705.D
 Acq On : 17 Apr 2023 17:08
 Operator : KP/SY
 Sample : 02270-07
 Misc : 3.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-25-0-2-20230411

Quant Time: Apr 18 01:18:48 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)

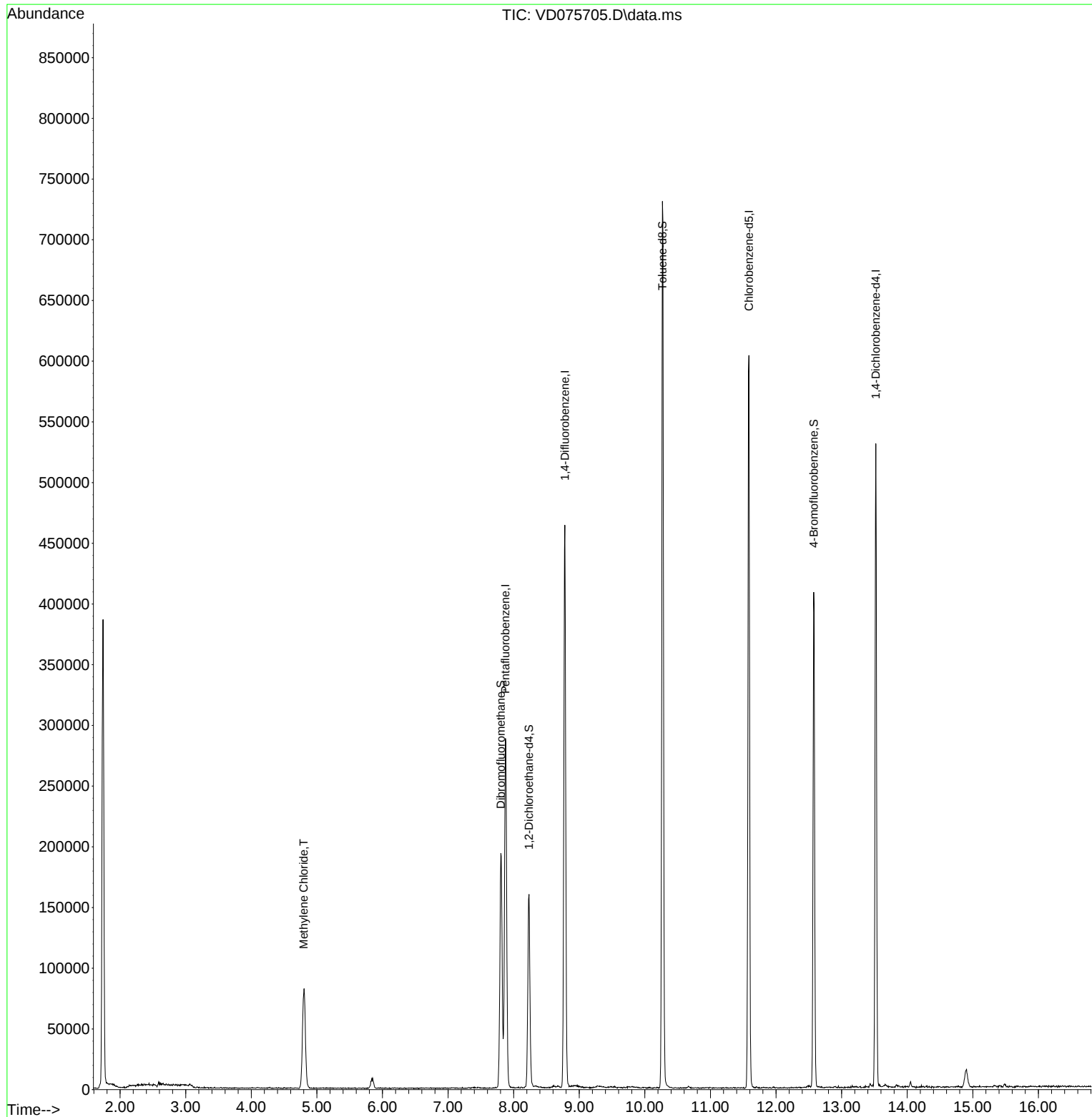
Internal Standards						
1) Pentafluorobenzene	7.875	168	239500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	445524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	384079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	151862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	120640	53.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.140%
35) Dibromofluoromethane	7.805	113	144755	48.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.269	98	545183	45.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.575	95	133677	41.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.820%
Target Compounds						
20) Methylene Chloride	4.799	84	75193	20.631	ug/l	Qvalue # 71

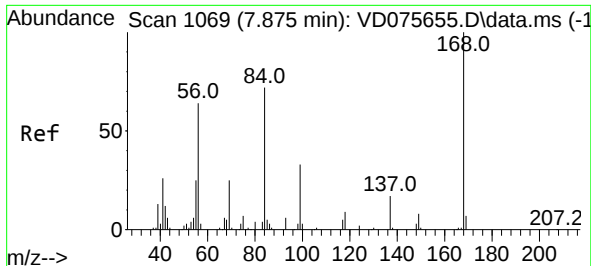
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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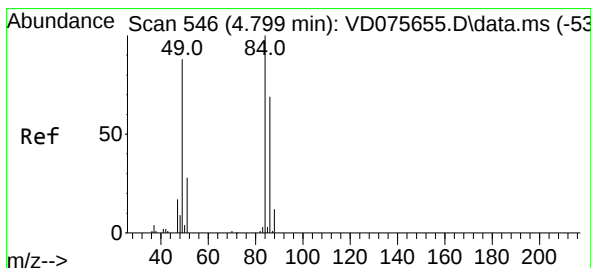
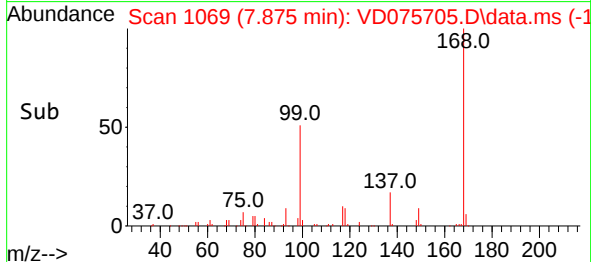
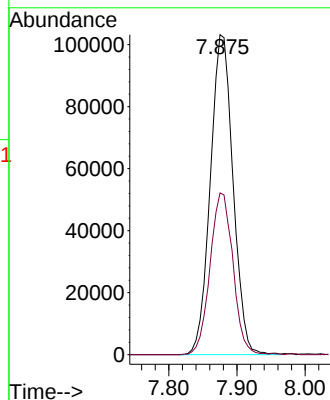
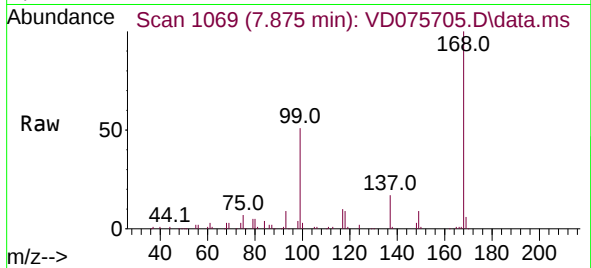




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075705.D
Acq: 17 Apr 2023 17:08

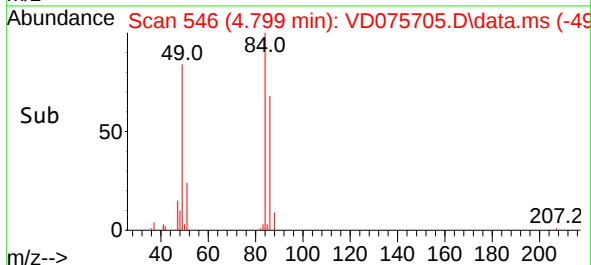
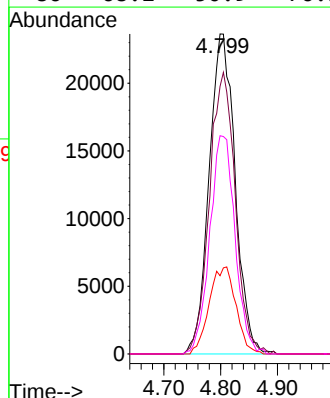
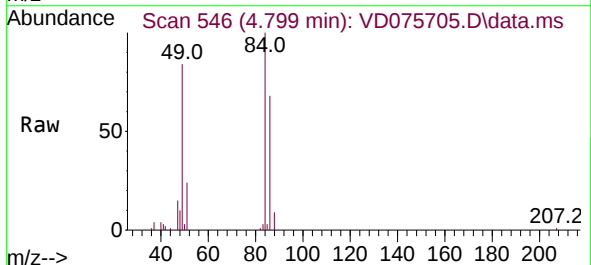
Instrument :
MSVOA_D
ClientSampleId :
SB-25-0-2-20230411

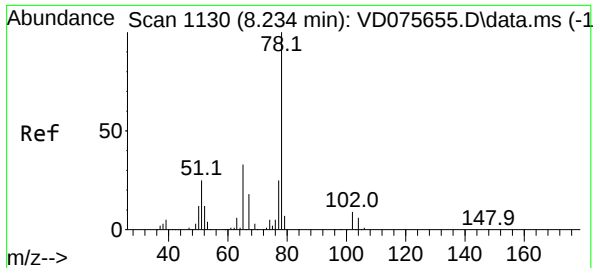
Tgt Ion:168 Resp: 239500
Ion Ratio Lower Upper
168 100
99 50.5 43.8 65.6



#20
Methylene Chloride
Concen: 20.631 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075705.D
Acq: 17 Apr 2023 17:08

Tgt Ion: 84 Resp: 75193
Ion Ratio Lower Upper
84 100
49 83.6 106.4 159.6#
51 24.5 32.4 48.6#
86 68.2 50.9 76.3

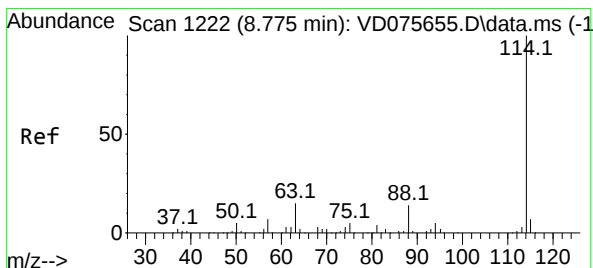
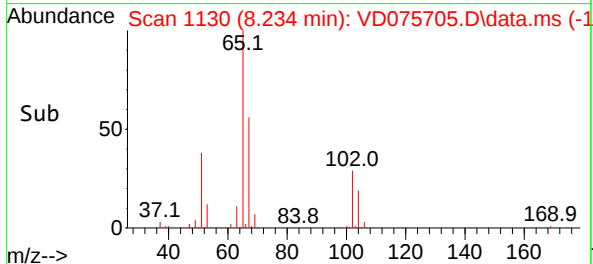
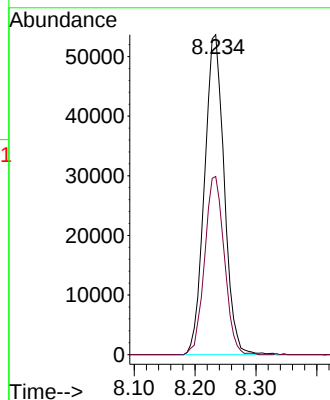
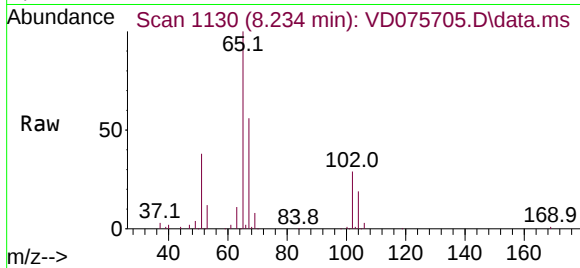




#33
 1,2-Dichloroethane-d4
 Concen: 53.068 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD075705.D
 Acq: 17 Apr 2023 17:08

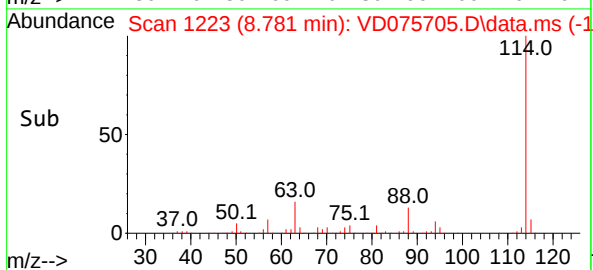
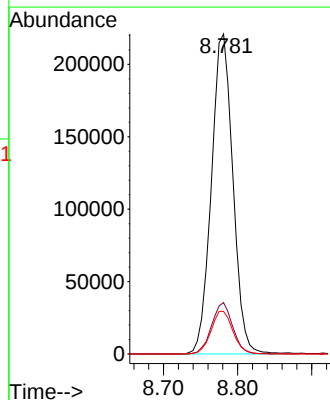
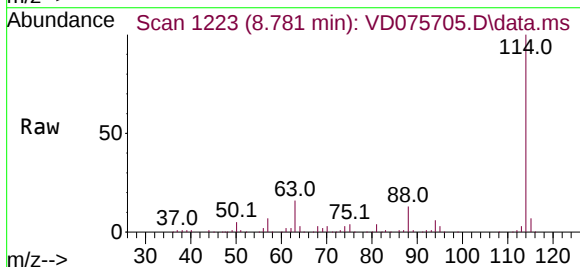
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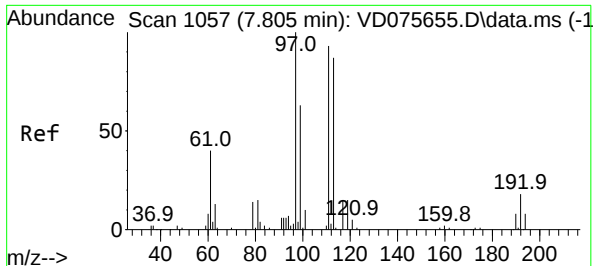
Tgt Ion: 65 Resp: 120640
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075705.D
 Acq: 17 Apr 2023 17:08

Tgt Ion: 114 Resp: 445524
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 41.6
 88 13.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.307 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075705.D

Acq: 17 Apr 2023 17:08

Instrument :

MSVOA_D

ClientSampleId :

SB-25-0-2-20230411

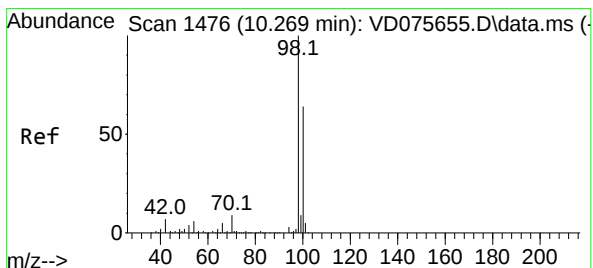
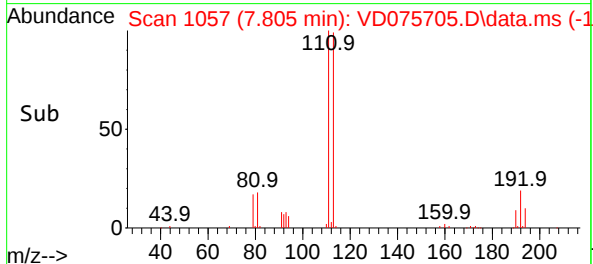
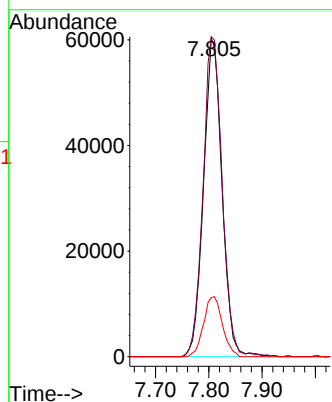
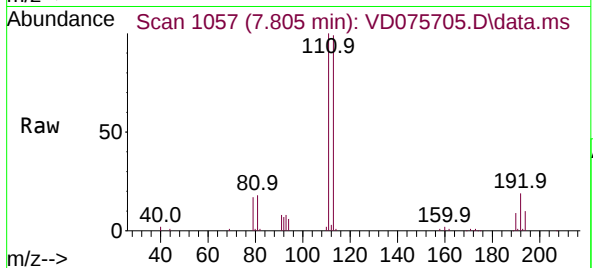
Tgt Ion:113 Resp: 144755

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.3 15.2 22.8



#50

Toluene-d8

Concen: 45.431 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075705.D

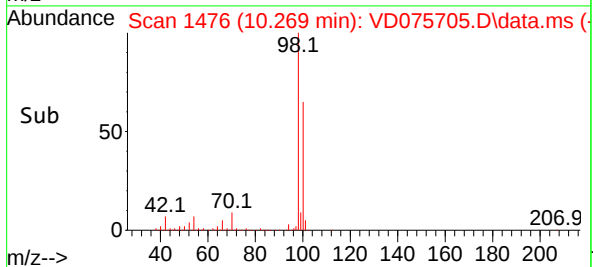
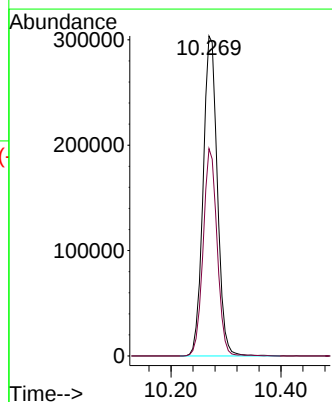
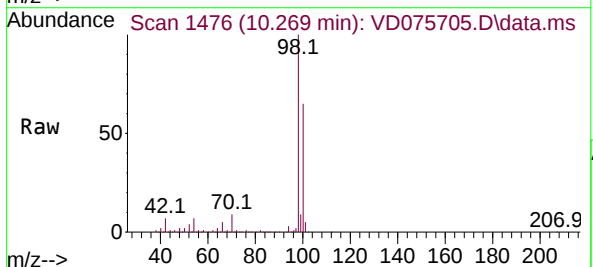
Acq: 17 Apr 2023 17:08

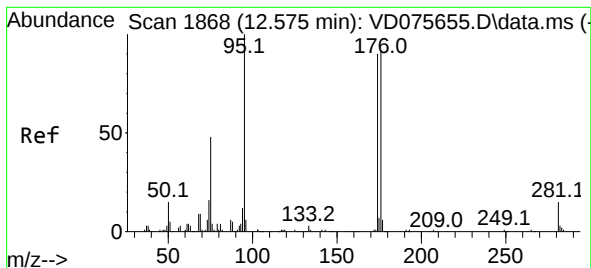
Tgt Ion: 98 Resp: 545183

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1

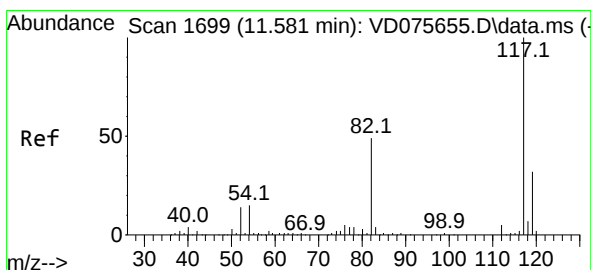
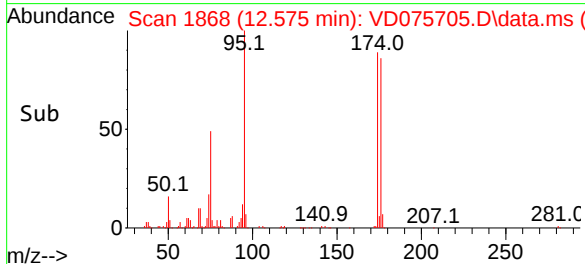
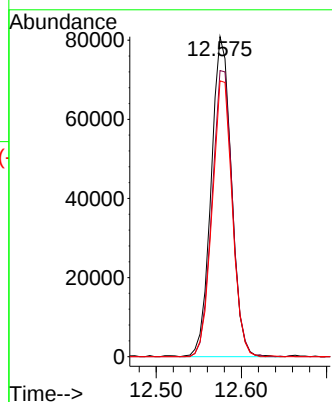
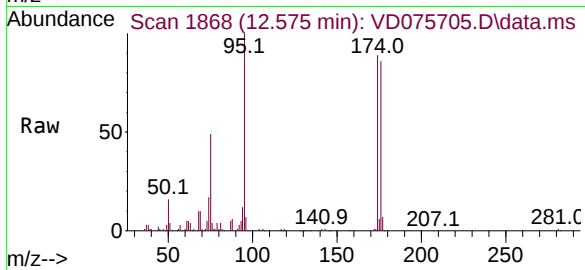




#62
4-Bromofluorobenzene
Concen: 41.910 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075705.D
Acq: 17 Apr 2023 17:08

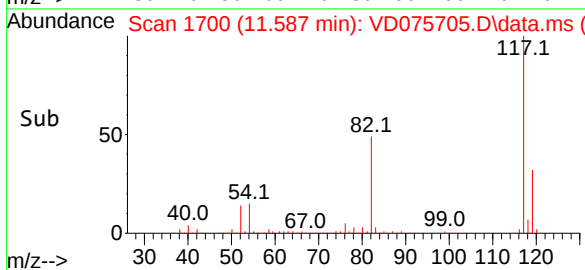
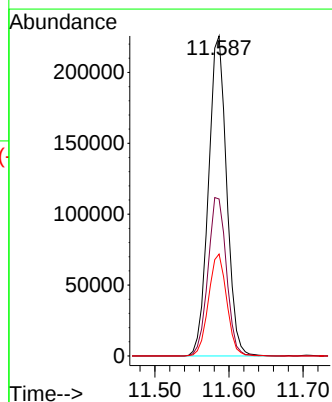
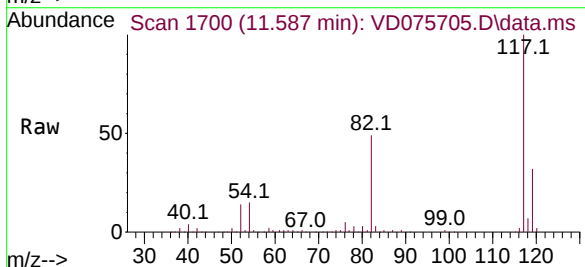
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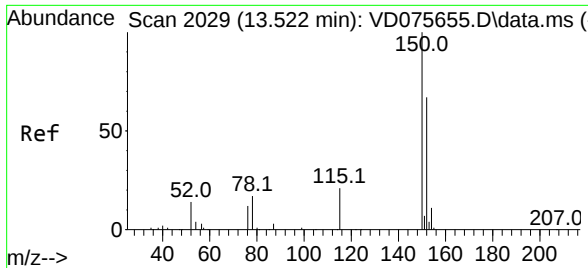
Tgt Ion: 95 Resp: 133677
Ion Ratio Lower Upper
95 100
174 89.9 0.0 164.0
176 85.4 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075705.D
Acq: 17 Apr 2023 17:08

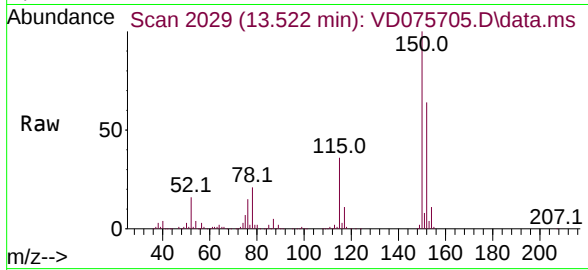
Tgt Ion: 117 Resp: 384079
Ion Ratio Lower Upper
117 100
82 49.1 44.0 66.0
119 31.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075705.D
 Acq: 17 Apr 2023 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-25-0-2-20230411



Tgt Ion:152 Resp: 151862

Ion	Ratio	Lower	Upper
152	100		
115	54.4	30.1	90.3
150	155.7	0.0	364.8

