

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075709.D
 Acq On : 17 Apr 2023 19:05
 Operator : KP/SY
 Sample : 02270-11
 Misc : 2.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27-8-10-20230411

Quant Time: Apr 18 01:19:21 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)

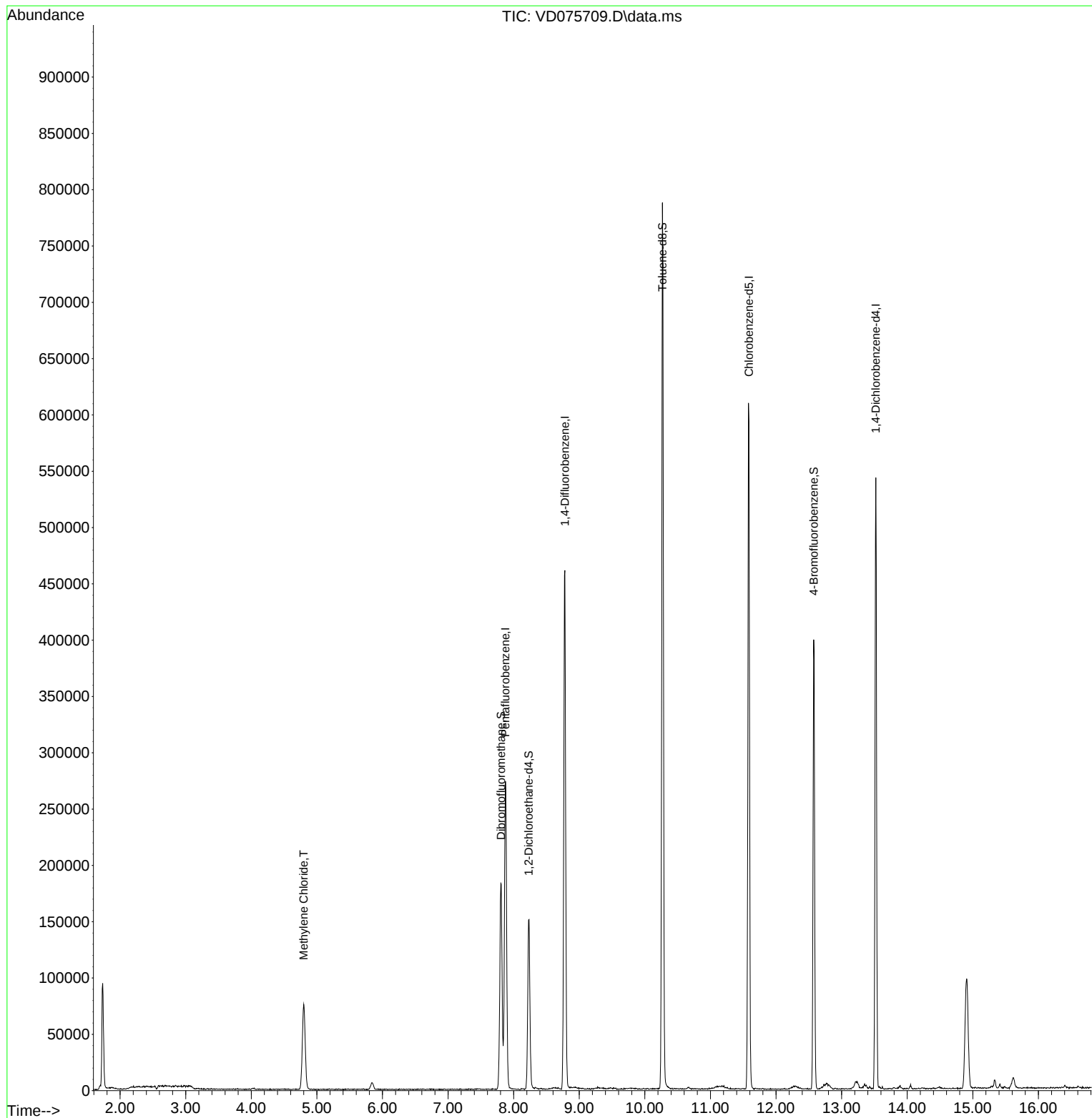
Internal Standards						
1) Pentafluorobenzene	7.875	168	229819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	447354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	393182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	158924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115799	53.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.160%
35) Dibromofluoromethane	7.810	113	138485	46.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.060%
50) Toluene-d8	10.269	98	585145	48.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.575	95	128144	40.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.020%
Target Compounds						
20) Methylene Chloride	4.799	84	70393	20.004	ug/l	Qvalue # 72

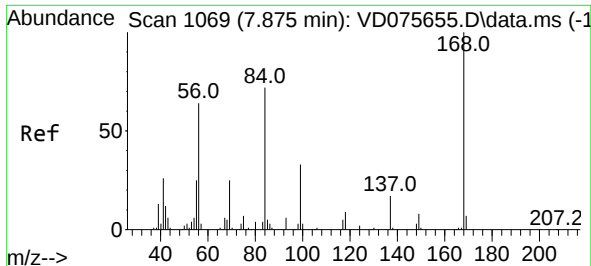
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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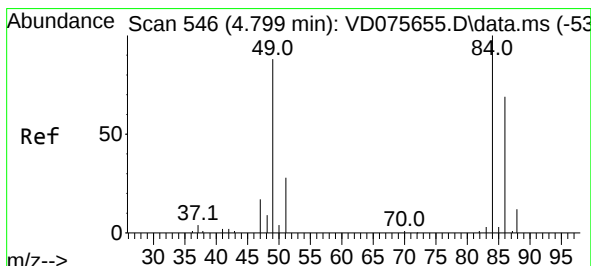
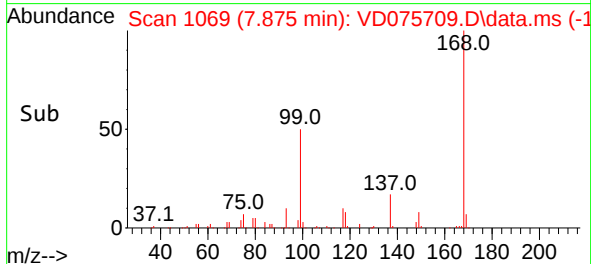
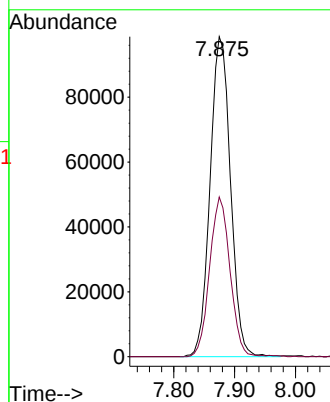
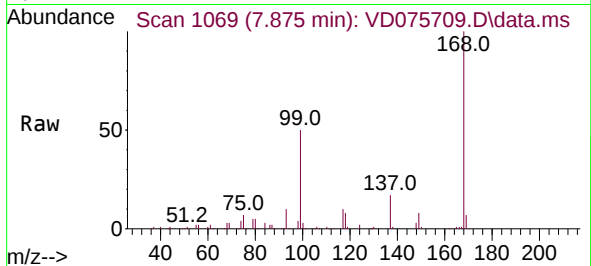




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075709.D
Acq: 17 Apr 2023 19:05

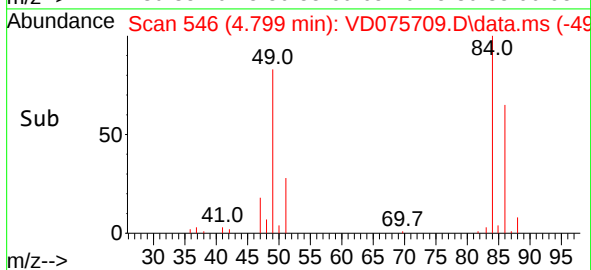
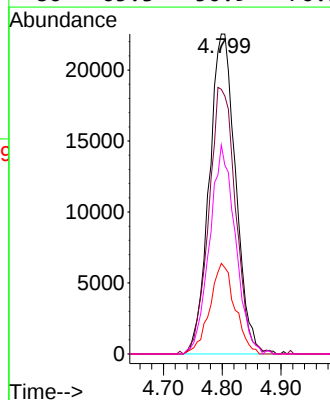
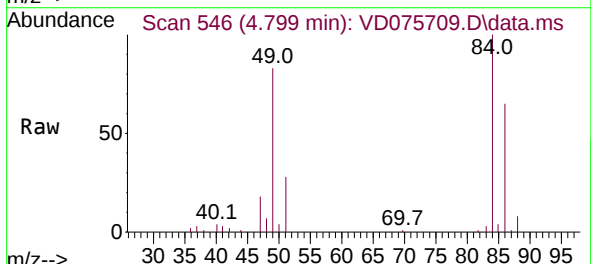
Instrument :
MSVOA_D
ClientSampleId :
SB-27-8-10-20230411

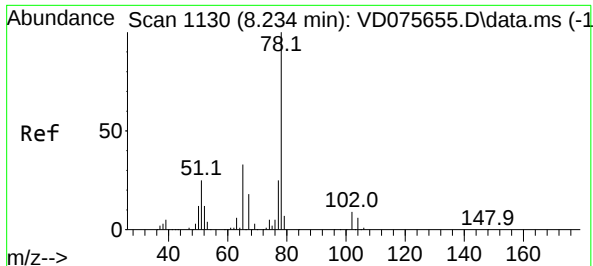
Tgt Ion:168 Resp: 229819
Ion Ratio Lower Upper
168 100
99 49.9 43.8 65.6



#20
Methylene Chloride
Concen: 20.004 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075709.D
Acq: 17 Apr 2023 19:05

Tgt Ion: 84 Resp: 70393
Ion Ratio Lower Upper
84 100
49 82.7 106.4 159.6#
51 28.3 32.4 48.6#
86 65.3 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 53.084 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075709.D

Acq: 17 Apr 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

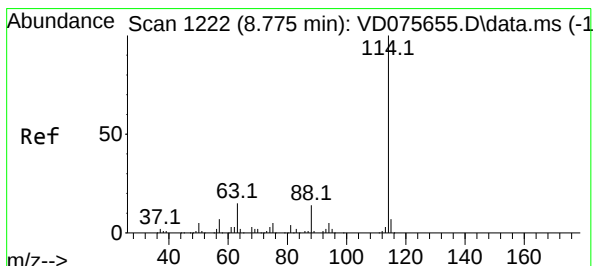
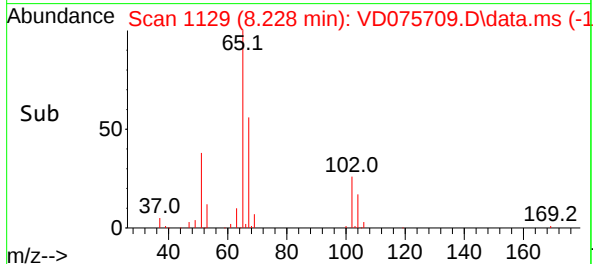
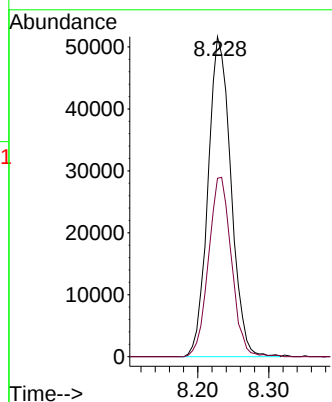
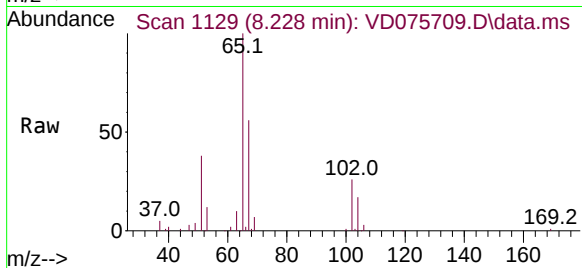
SB-27-8-10-20230411

Tgt Ion: 65 Resp: 115799

Ion Ratio Lower Upper

65 100

67 56.1 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: VD075709.D

Acq: 17 Apr 2023 19:05

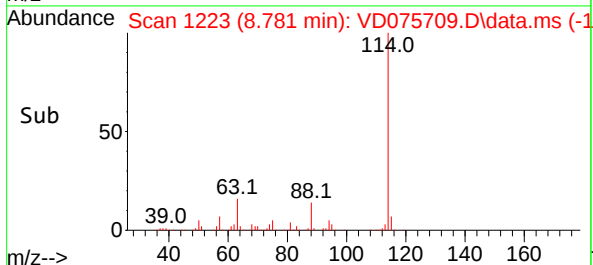
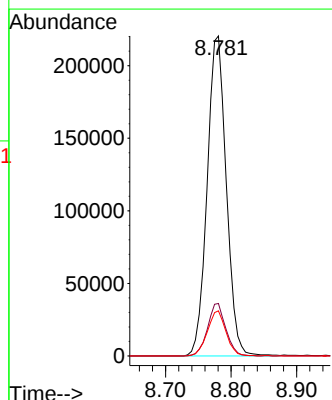
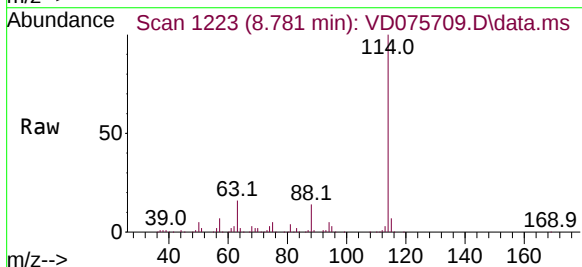
Tgt Ion: 114 Resp: 447354

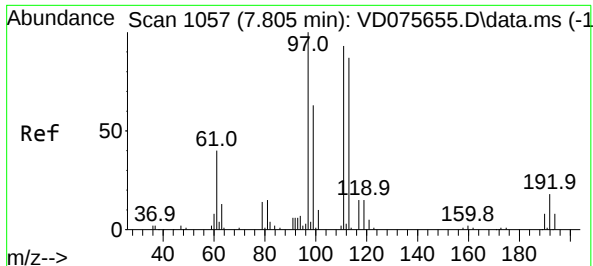
Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.025 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075709.D

Acq: 17 Apr 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

SB-27-8-10-20230411

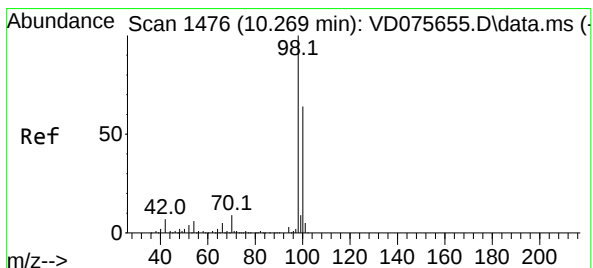
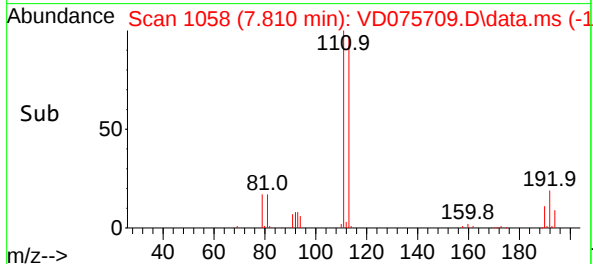
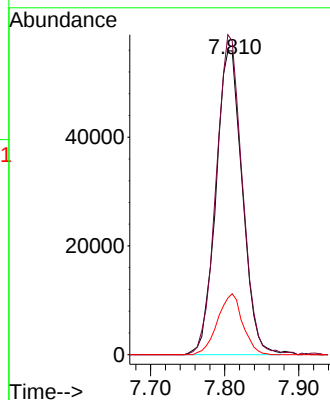
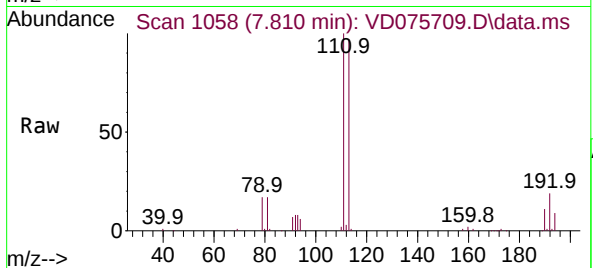
Tgt Ion:113 Resp: 138485

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.0 15.2 22.8



#50

Toluene-d8

Concen: 48.562 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075709.D

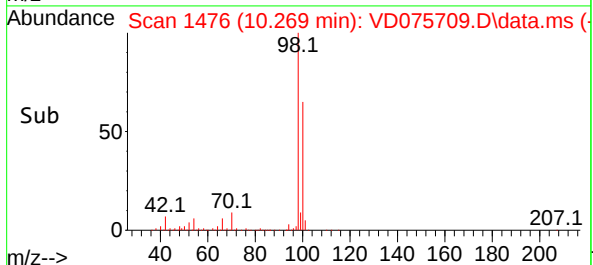
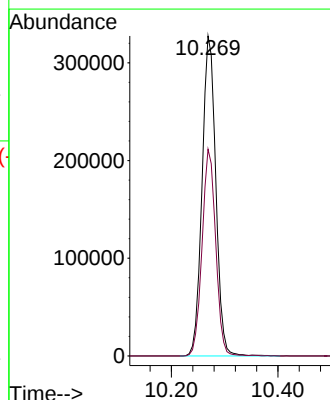
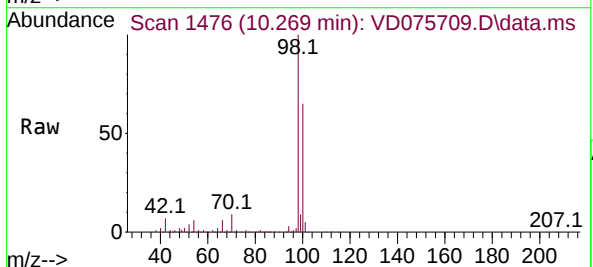
Acq: 17 Apr 2023 19:05

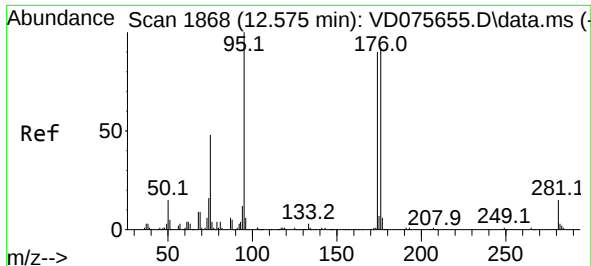
Tgt Ion: 98 Resp: 585145

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1

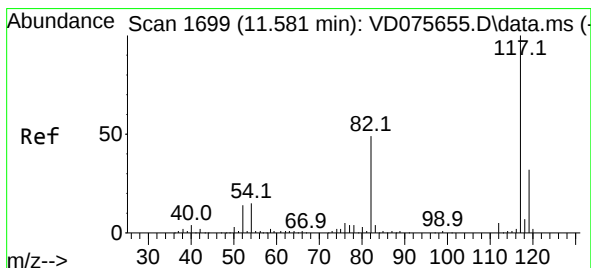
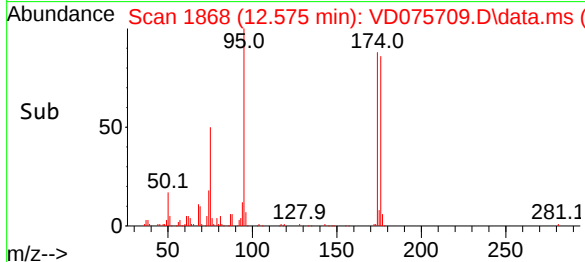
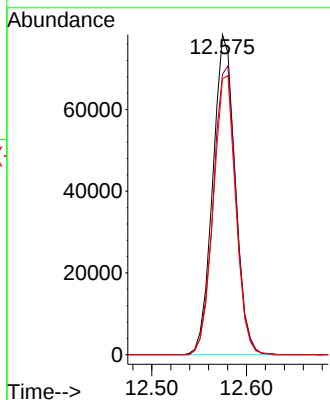
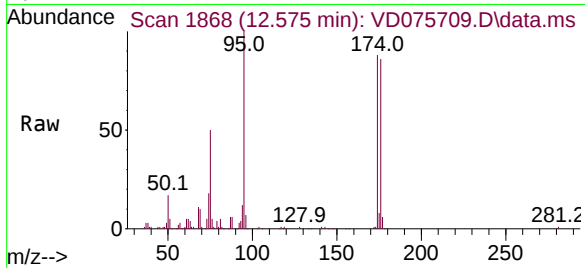




#62
4-Bromofluorobenzene
Concen: 40.011 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075709.D
Acq: 17 Apr 2023 19:05

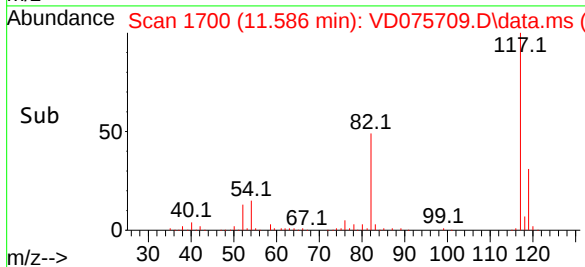
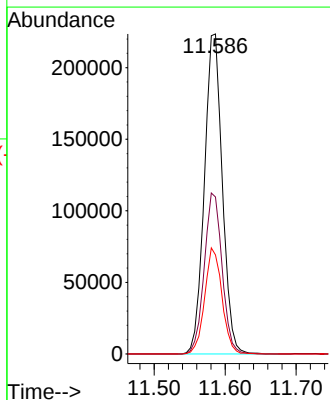
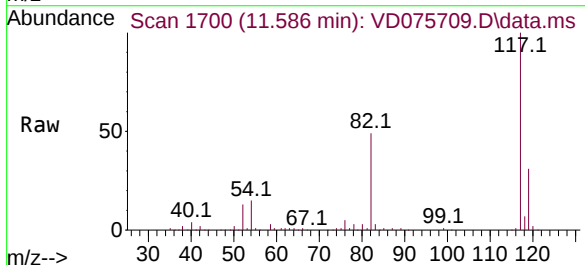
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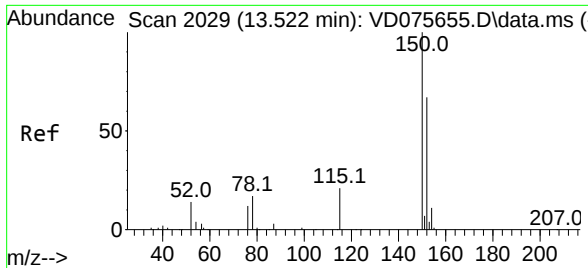
Tgt Ion: 95 Resp: 128144
Ion Ratio Lower Upper
95 100
174 92.1 0.0 164.0
176 87.6 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. 0.005 min
Lab File: VD075709.D
Acq: 17 Apr 2023 19:05

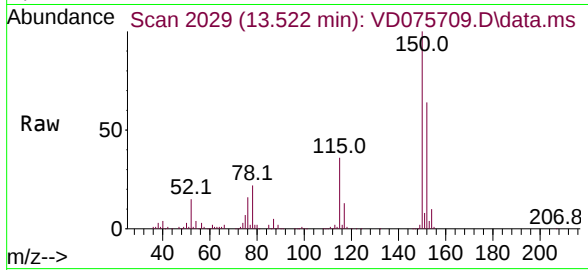
Tgt Ion: 117 Resp: 393182
Ion Ratio Lower Upper
117 100
82 49.0 44.0 66.0
119 31.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075709.D
 Acq: 17 Apr 2023 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27-8-10-20230411



Tgt Ion:152 Resp: 158924
 Ion Ratio Lower Upper
 152 100
 115 54.4 30.1 90.3
 150 156.9 0.0 364.8

