

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013272.D
 Acq On : 12 Apr 2023 17:22
 Operator : KP/MD
 Sample : 02292-05
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IDW-SO-G1-041123

Quant Time: Apr 13 06:17:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

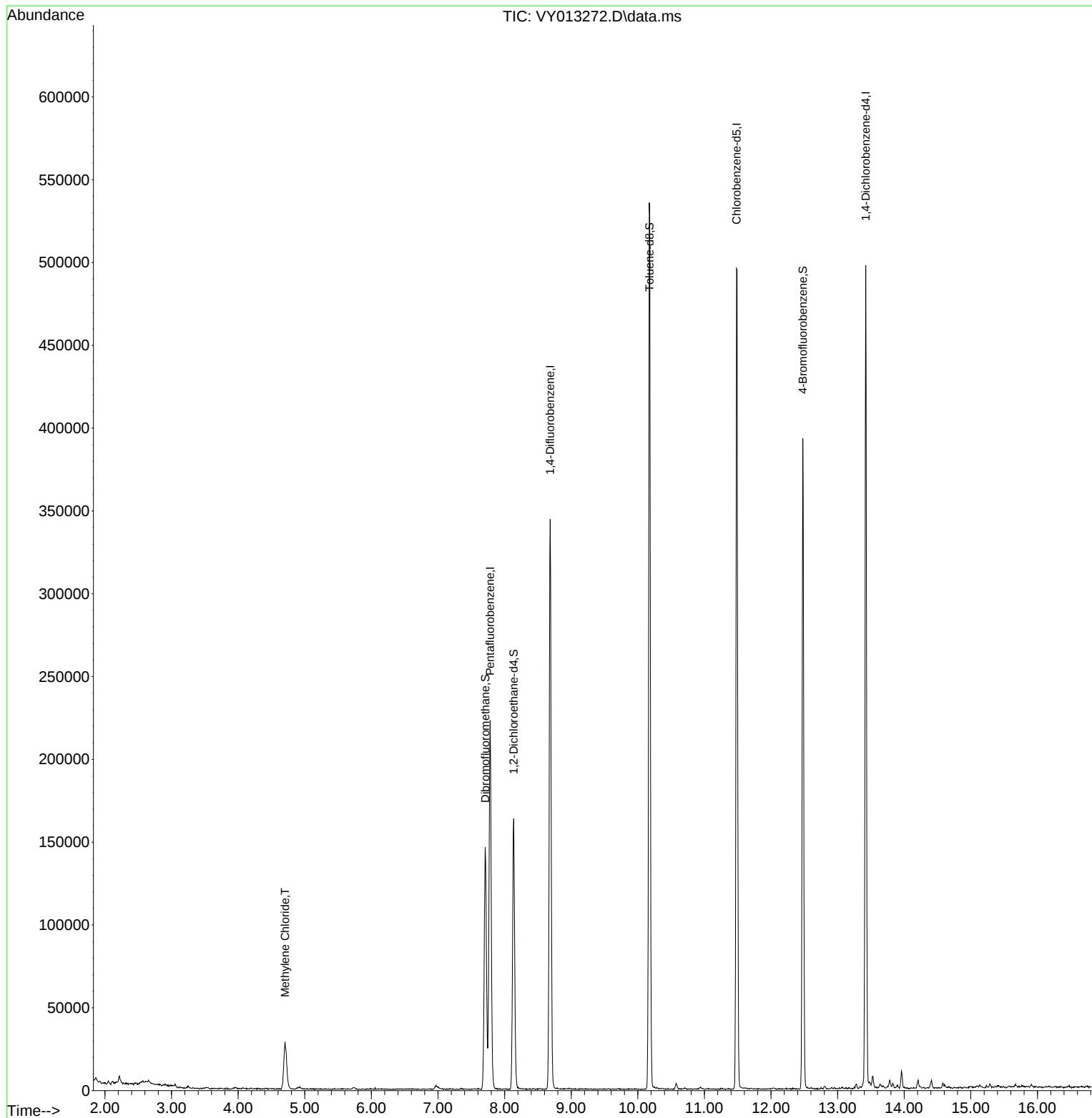
Internal Standards						
1) Pentafluorobenzene	7.783	168	165116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	262722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123267	62.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.240%	
35) Dibromofluoromethane	7.710	113	98471	54.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.179	98	345499	50.959	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.477	95	105977	48.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.220%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	19356	7.073	ug/l	92

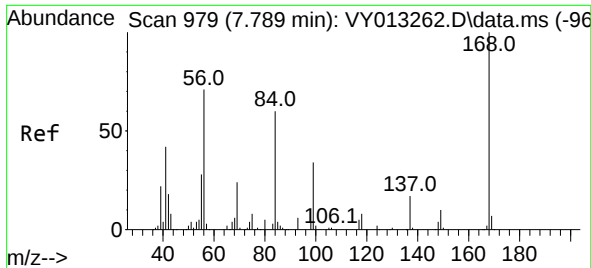
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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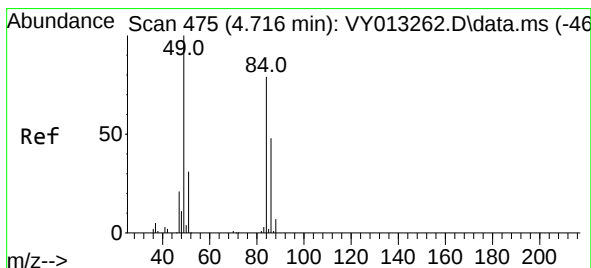
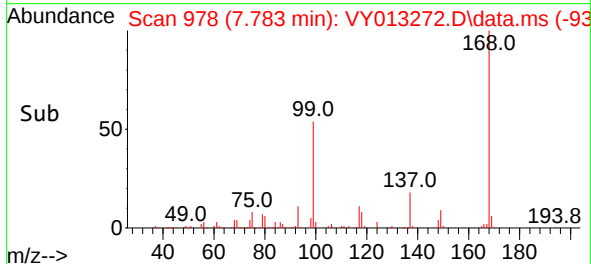
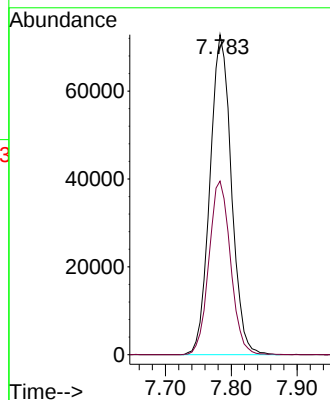
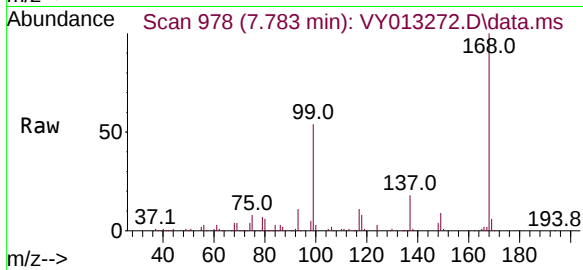




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

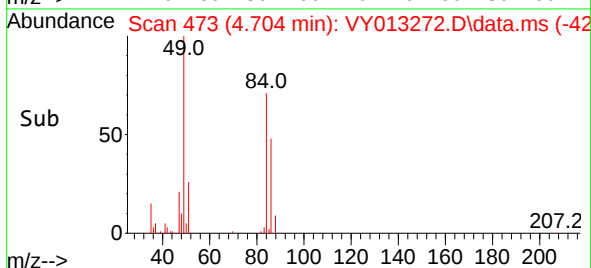
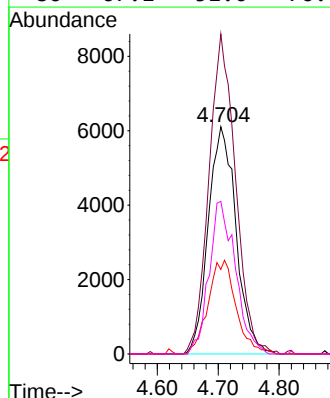
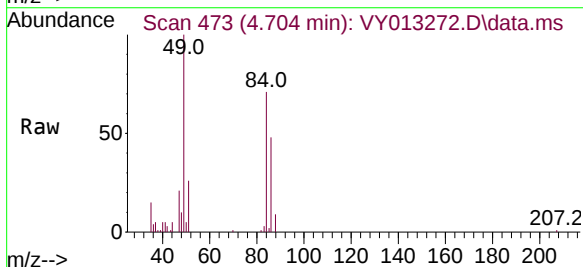
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G1-041123

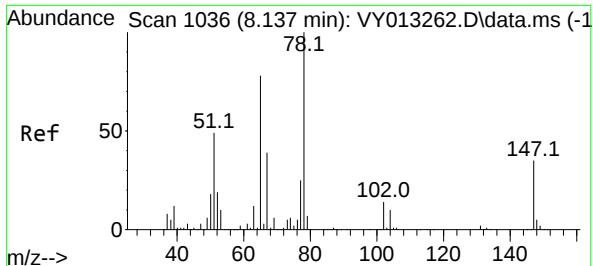
Tgt Ion:168 Resp: 165116
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#20
Methylene Chloride
Concen: 7.073 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

Tgt Ion: 84 Resp: 19356
Ion Ratio Lower Upper
84 100
49 140.8 102.6 154.0
51 37.2 31.9 47.9
86 67.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.121 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

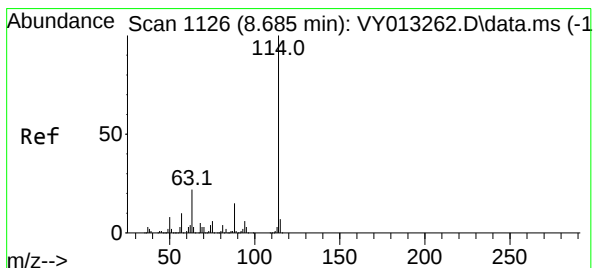
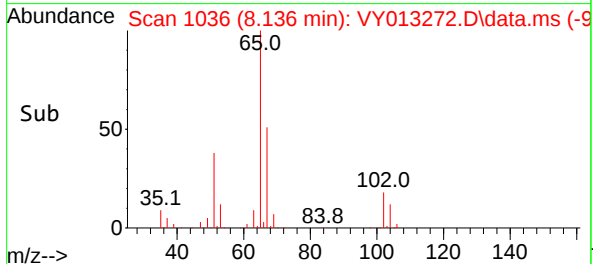
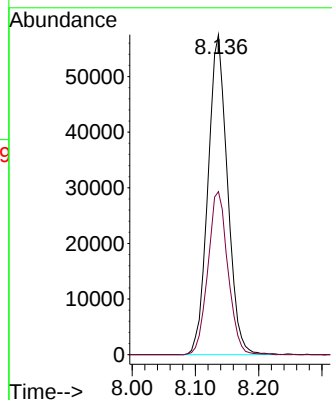
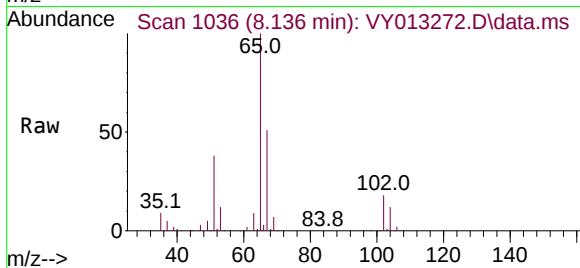
IDW-SO-G1-041123

Tgt Ion: 65 Resp: 123267

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

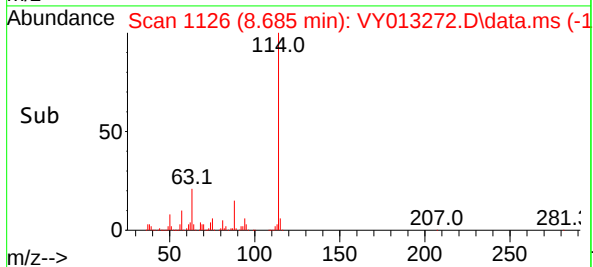
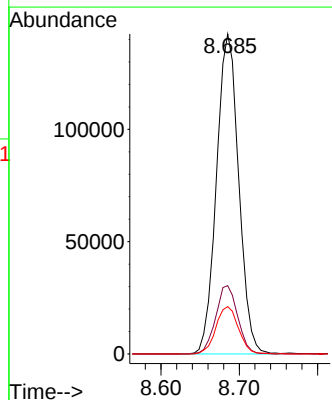
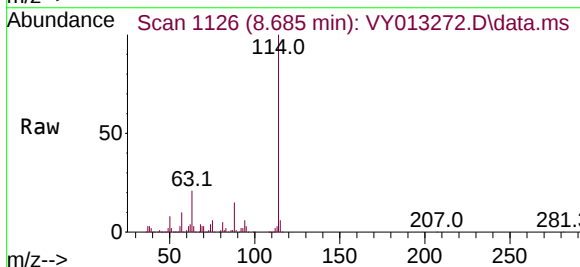
Tgt Ion: 114 Resp: 281362

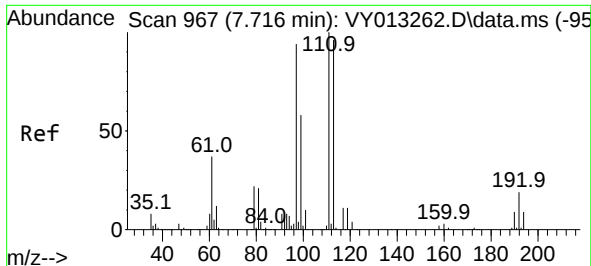
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 14.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 54.060 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-G1-041123

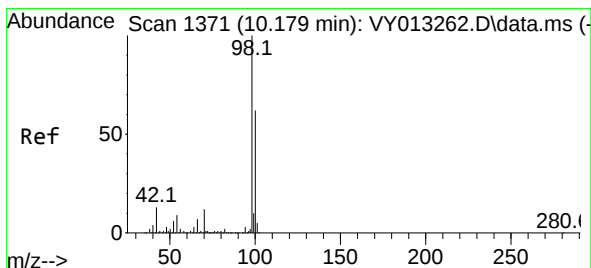
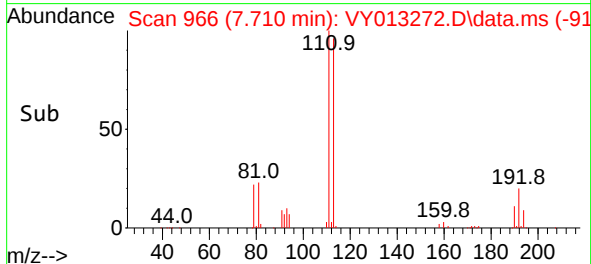
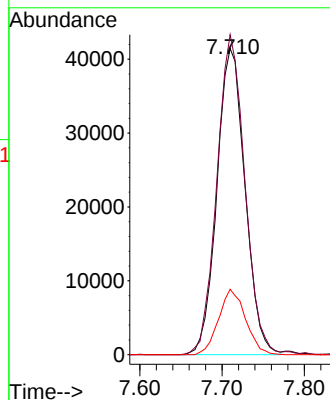
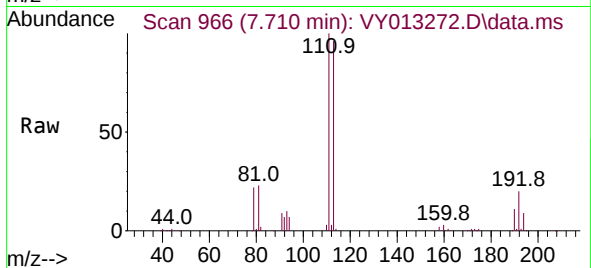
Tgt Ion:113 Resp: 98471

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 20.5 16.8 25.2



#50

Toluene-d8

Concen: 50.959 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013272.D

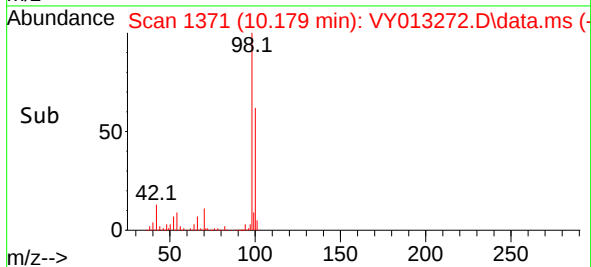
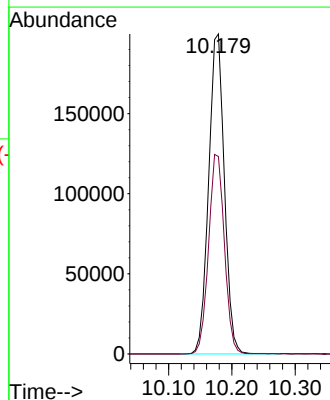
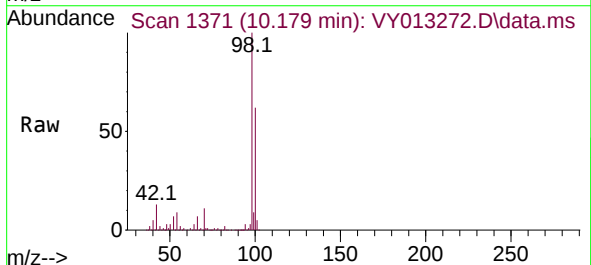
Acq: 12 Apr 2023 17:22

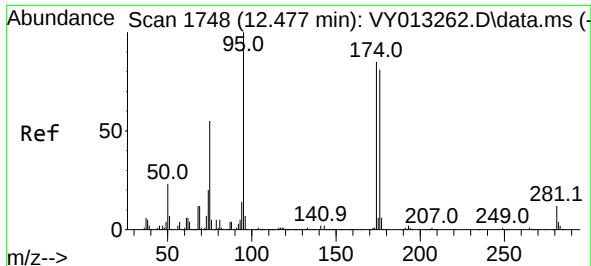
Tgt Ion: 98 Resp: 345499

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3

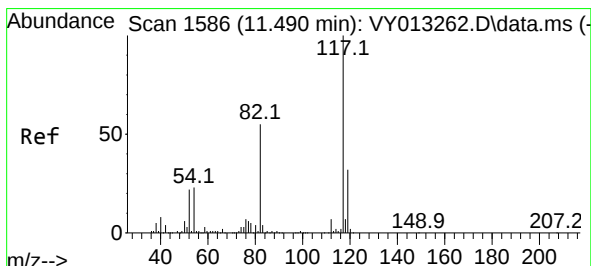
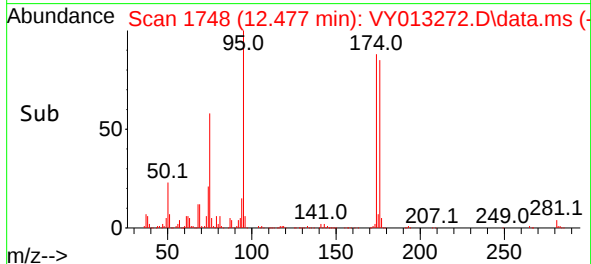
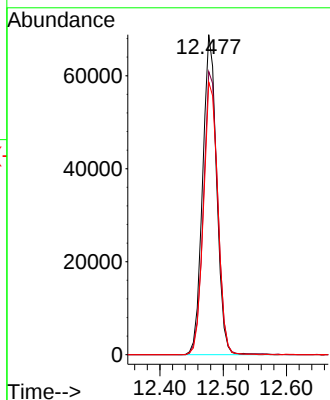
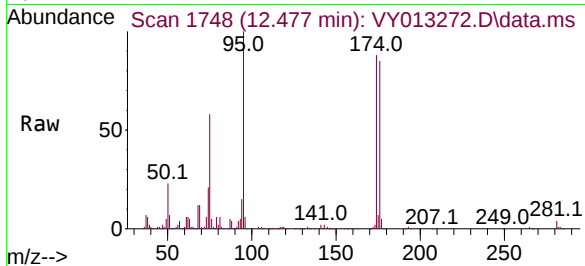




#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

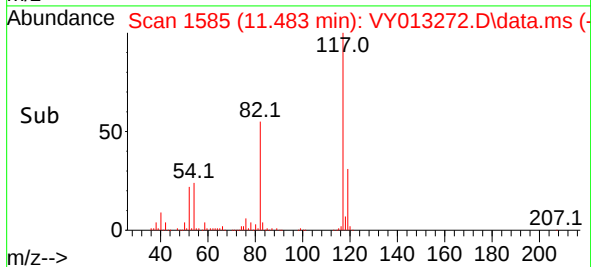
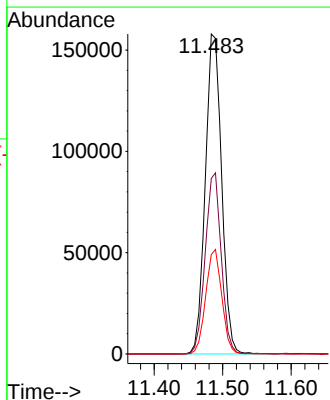
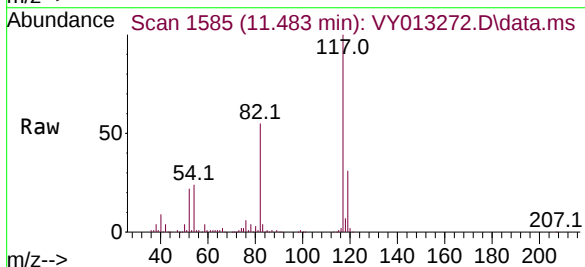
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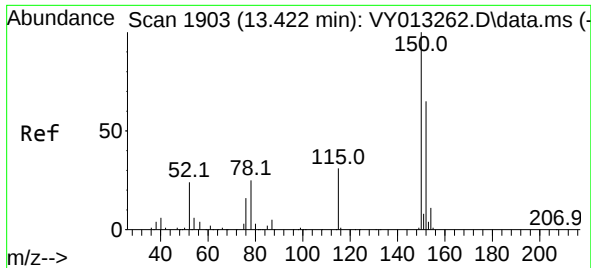
Tgt Ion: 95 Resp: 105977
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 87.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

Tgt Ion: 117 Resp: 262722
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 31.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013272.D

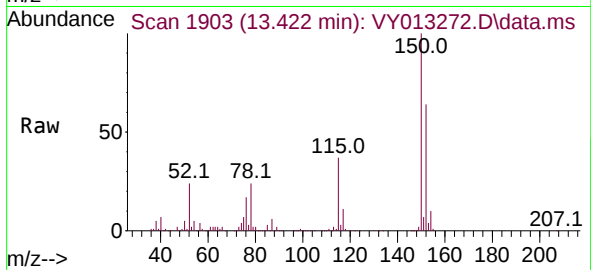
Acq: 12 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-G1-041123



Tgt Ion:152 Resp: 118998

Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 159.2 0.0 347.8

