

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014876.D
 Acq On : 27 Jul 2023 12:44
 Operator : SY/MD
 Sample : 03686-11
 Misc : 2.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-0-2-20230721

Quant Time: Jul 28 02:37:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

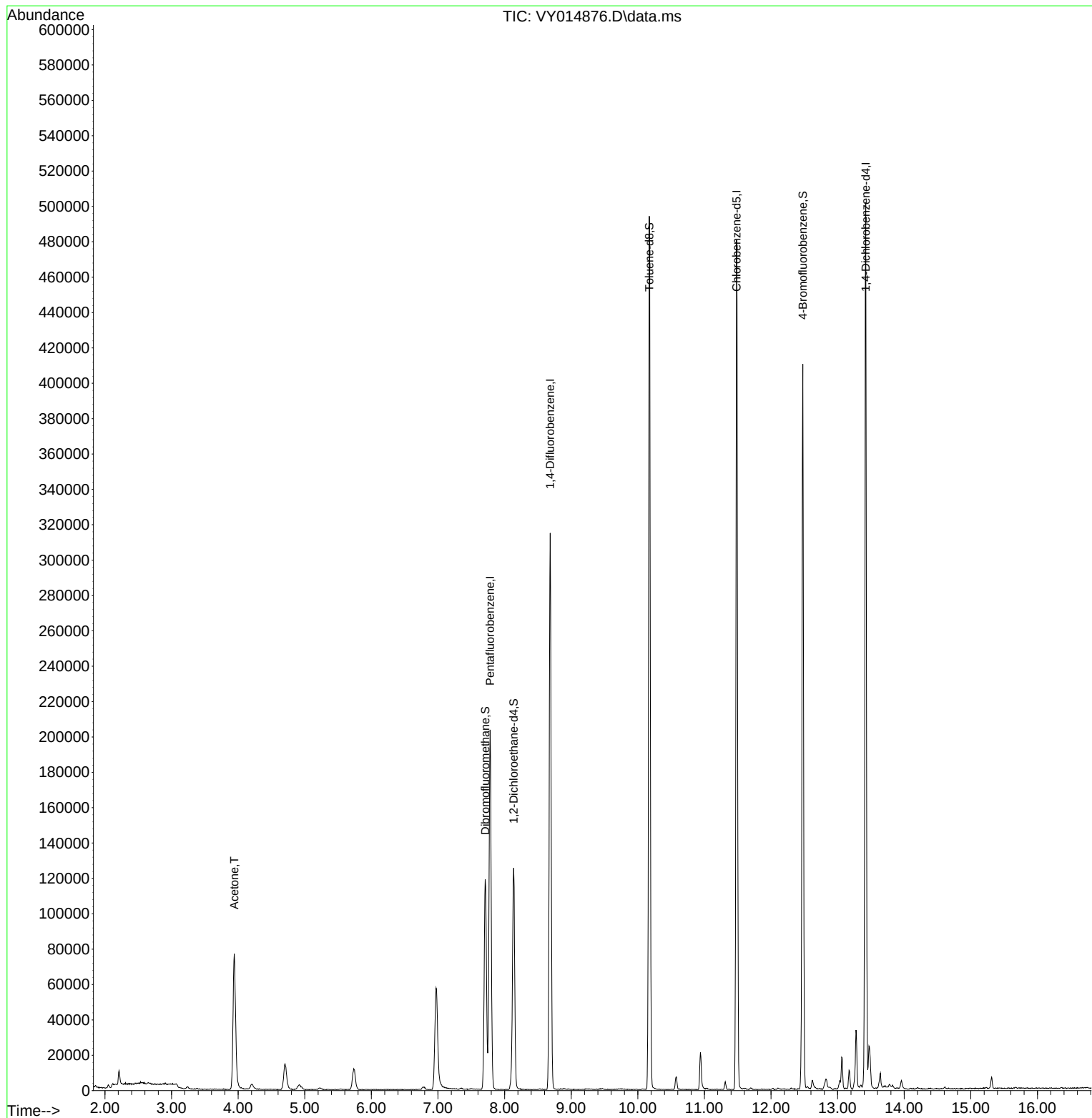
Internal Standards						
1) Pentafluorobenzene	7.783	168	156356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97154	54.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.060%	
35) Dibromofluoromethane	7.710	113	85730	49.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.920%	
50) Toluene-d8	10.173	98	324243	50.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.477	95	119168	48.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.260%	
Target Compounds						
16) Acetone	3.942	43	134742	238.646	ug/l	Qvalue 93

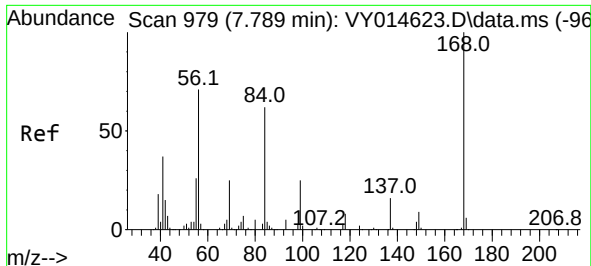
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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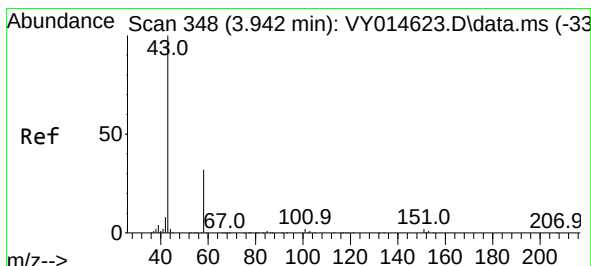
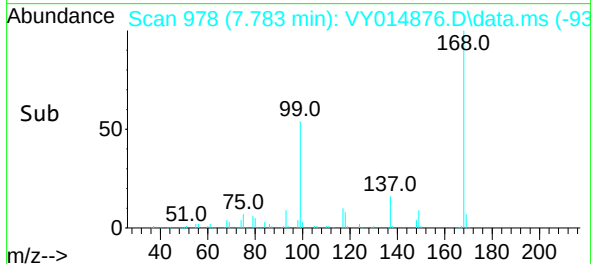
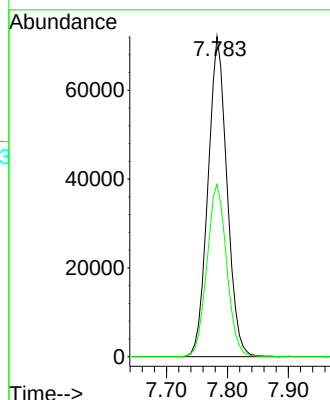
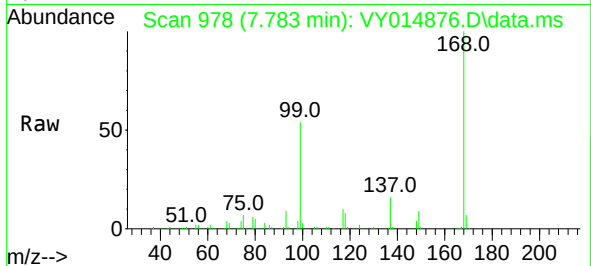




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

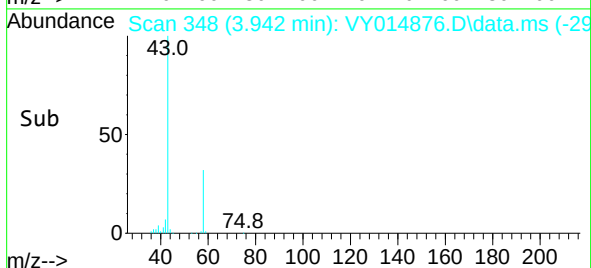
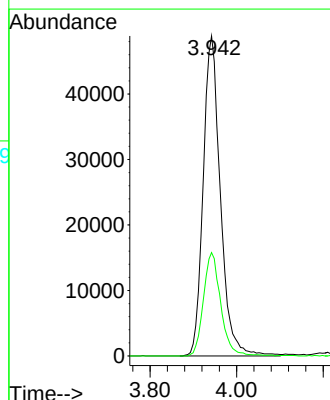
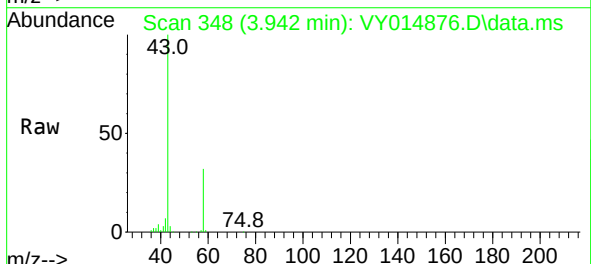
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-0-2-20230721

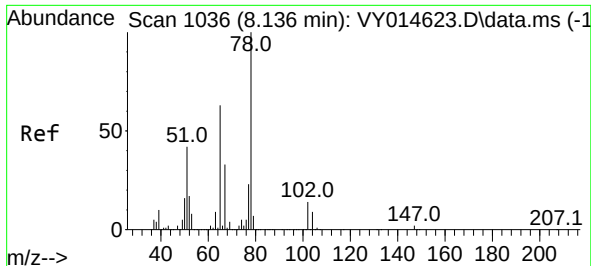
Tgt Ion:168 Resp: 156356
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 238.646 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Tgt Ion: 43 Resp: 134742
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 54.528 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014876.D

Acq: 27 Jul 2023 12:44

Instrument :

MSVOA_Y

ClientSampleId :

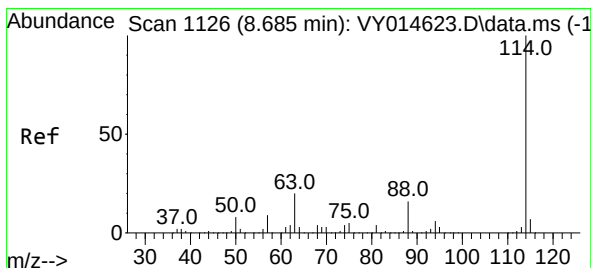
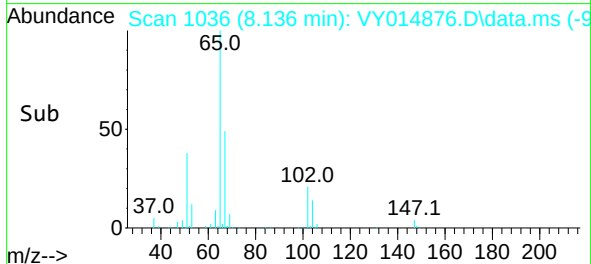
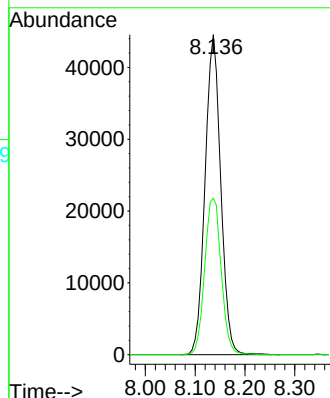
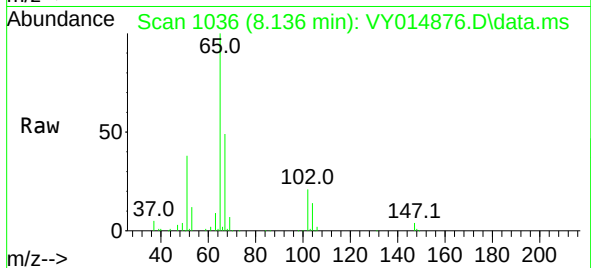
SB-23-0-2-20230721

Tgt Ion: 65 Resp: 97154

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014876.D

Acq: 27 Jul 2023 12:44

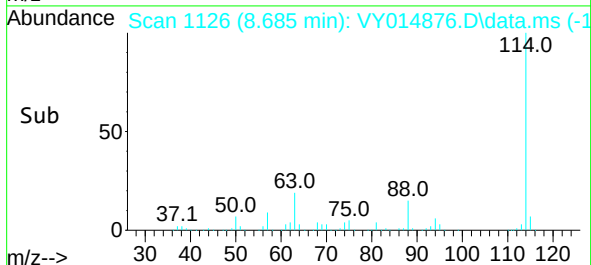
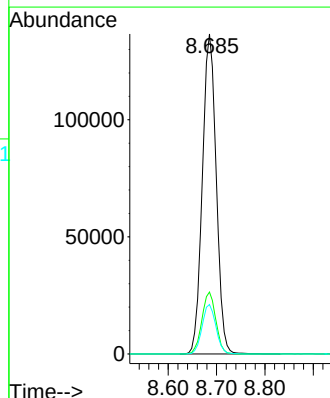
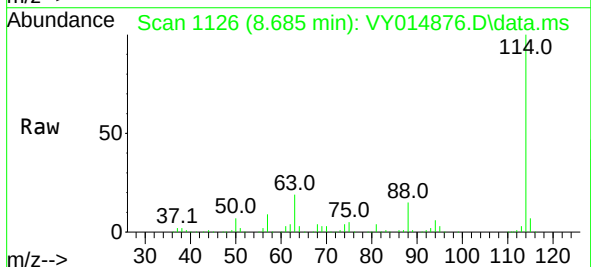
Tgt Ion: 114 Resp: 272292

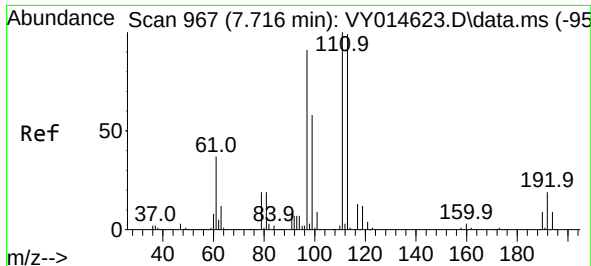
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.5 0.0 30.6

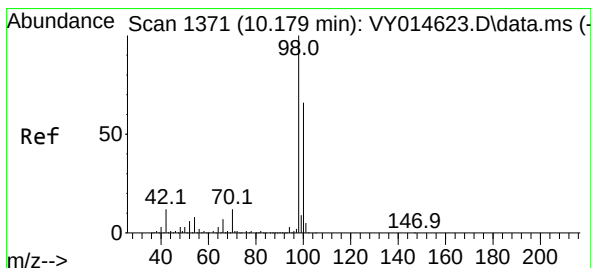
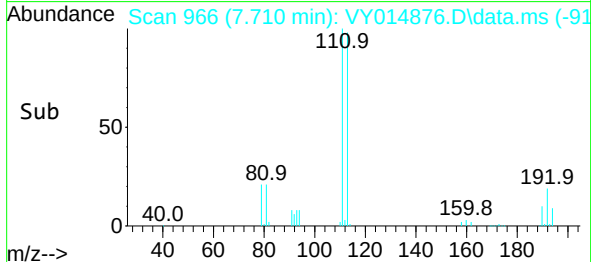
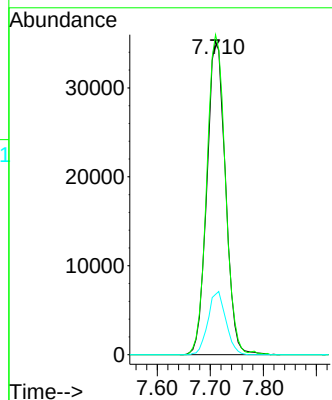
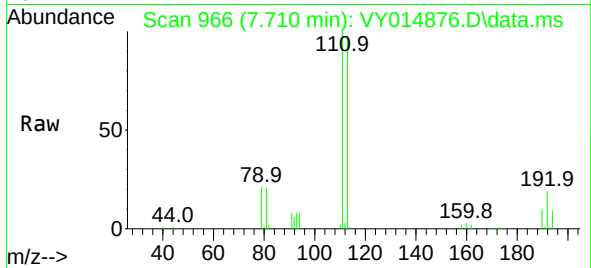




#35
Dibromofluoromethane
Concen: 49.459 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

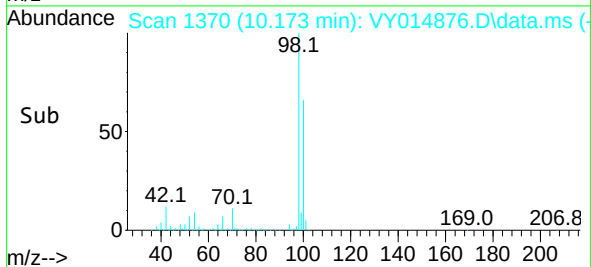
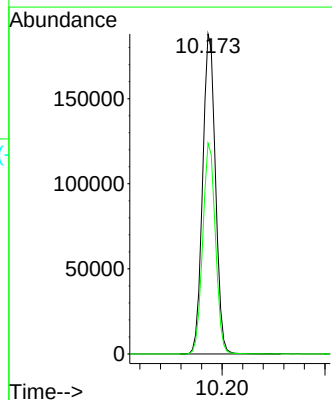
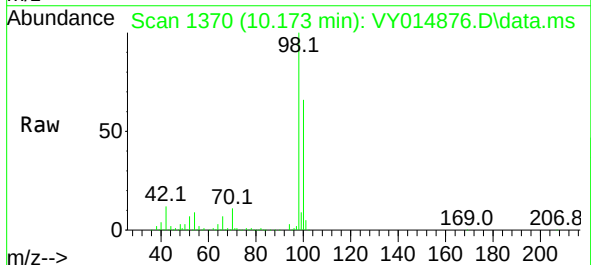
Instrument :
MSVOA_Y
ClientSampleId :
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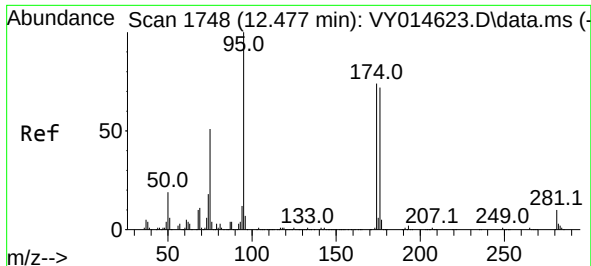
Tgt Ion:113 Resp: 85730
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 50.738 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Tgt Ion: 98 Resp: 324243
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

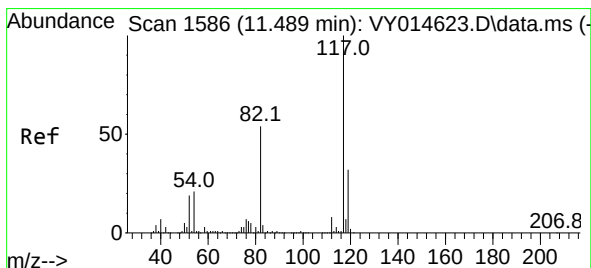
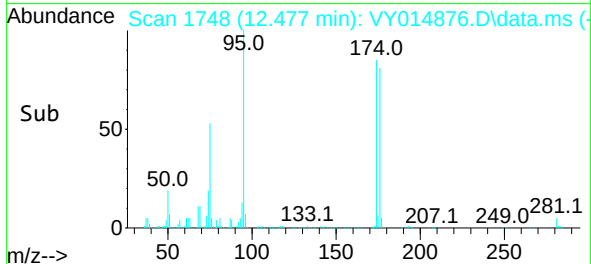
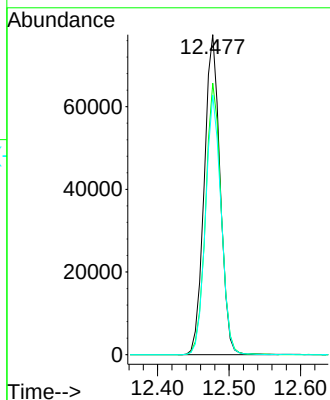
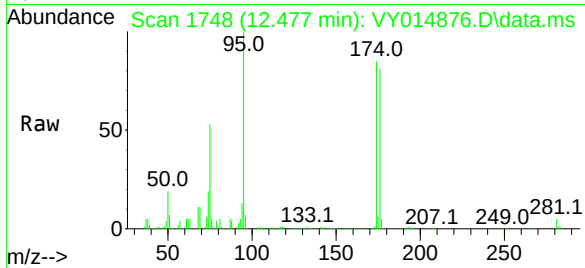




#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

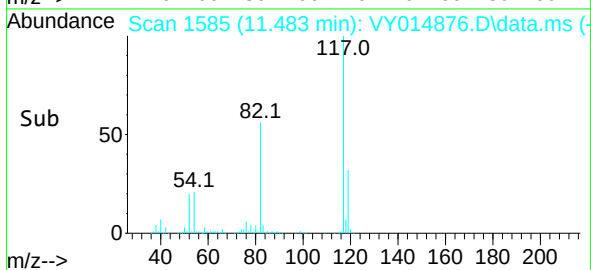
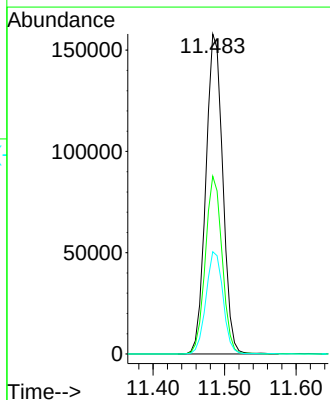
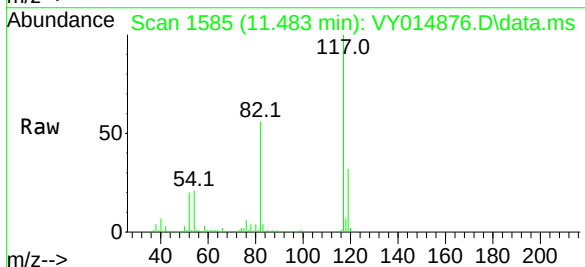
Instrument :
MSVOA_Y
ClientSampleId :
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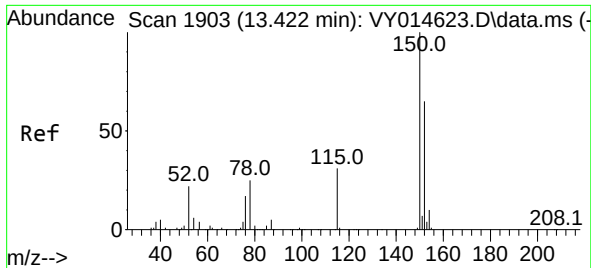
Tgt Ion: 95 Resp: 119168
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 79.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

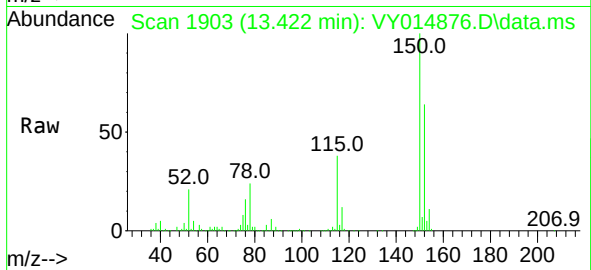
Tgt Ion: 117 Resp: 259446
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014876.D
 Acq: 27 Jul 2023 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-0-2-20230721



Tgt Ion:152 Resp: 124011
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.5
 150 158.4 0.0 348.8

