

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014700.D
 Acq On : 18 Jul 2023 14:32
 Operator : SY/MD
 Sample : 03640-01
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9

Quant Time: Jul 19 04:04:45 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)

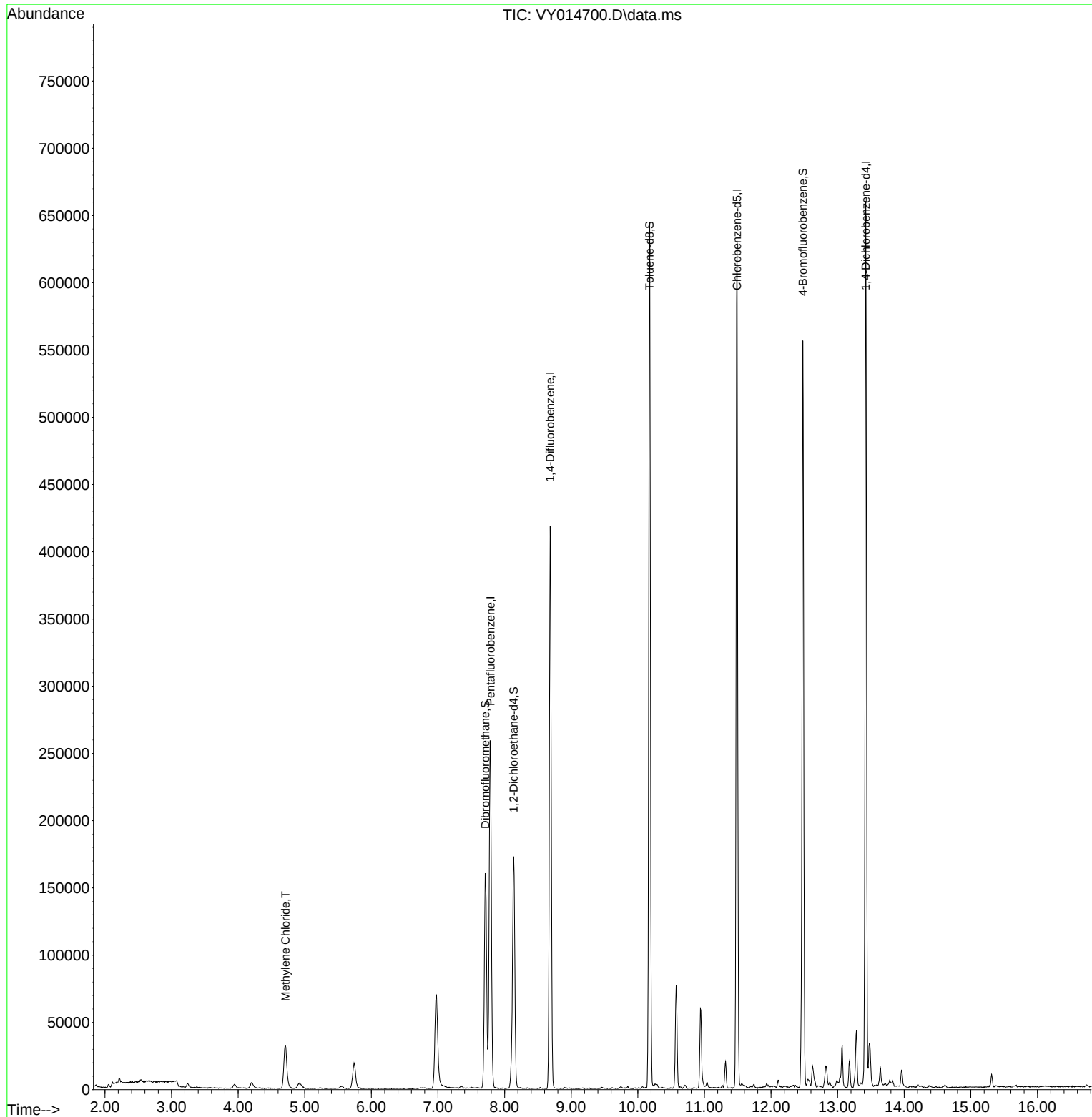
Internal Standards						
1) Pentafluorobenzene	7.789	168	204115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	360668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130319	56.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.710	113	114769	49.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.179	98	428125	50.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.477	95	163135	50.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.520%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	24699	6.654	ug/l	89

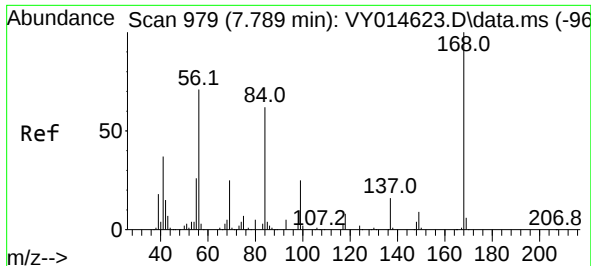
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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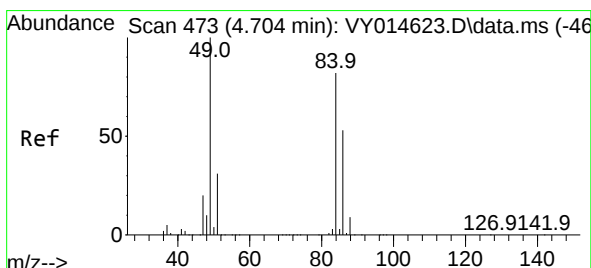
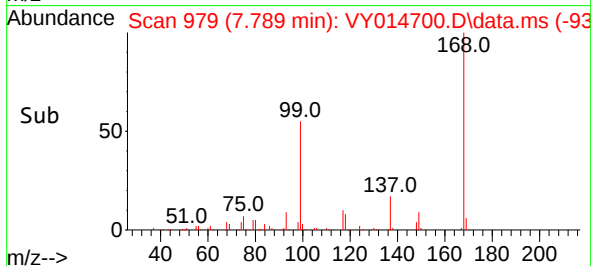
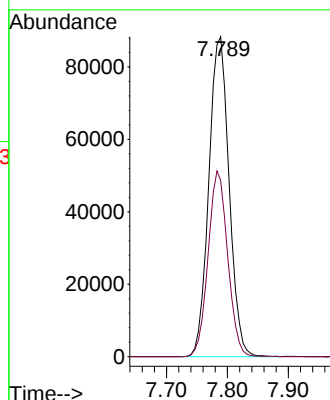
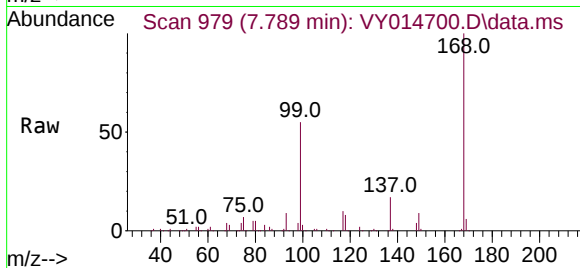




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014700.D
Acq: 18 Jul 2023 14:32

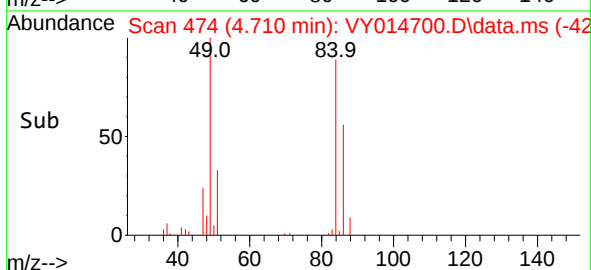
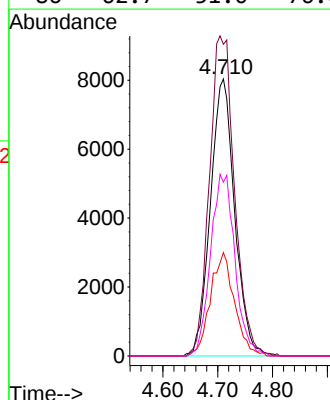
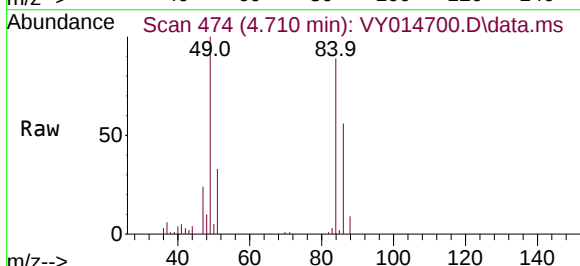
Instrument :
MSVOA_Y
ClientSampleId :
TP9

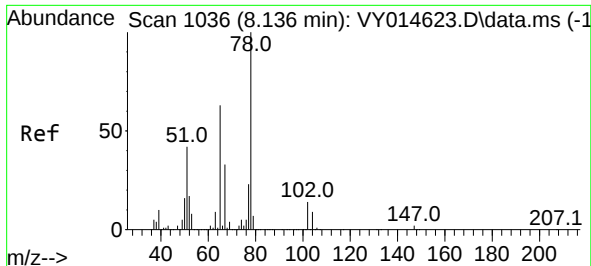
Tgt Ion:168 Resp: 204115
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#20
Methylene Chloride
Concen: 6.654 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014700.D
Acq: 18 Jul 2023 14:32

Tgt Ion: 84 Resp: 24699
Ion Ratio Lower Upper
84 100
49 112.5 106.9 160.3
51 37.3 33.2 49.8
86 62.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.028 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014700.D

Acq: 18 Jul 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

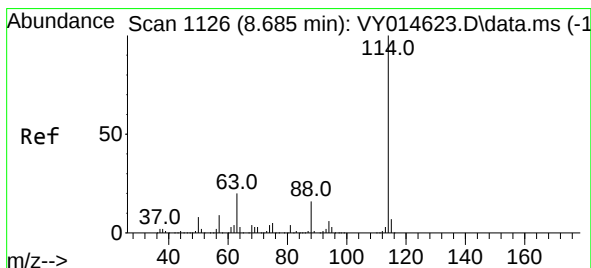
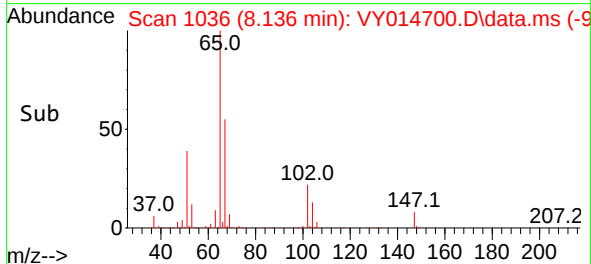
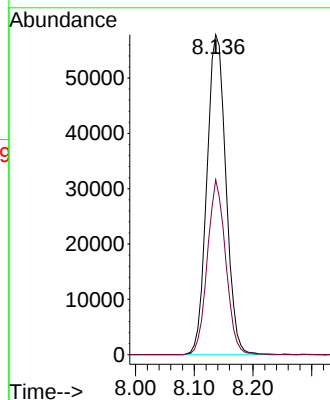
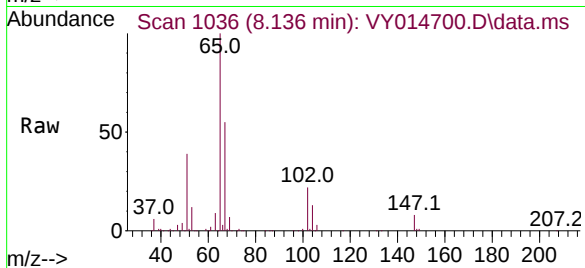
TP9

Tgt Ion: 65 Resp: 130319

Ion Ratio Lower Upper

65 100

67 52.6 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: VY014700.D

Acq: 18 Jul 2023 14:32

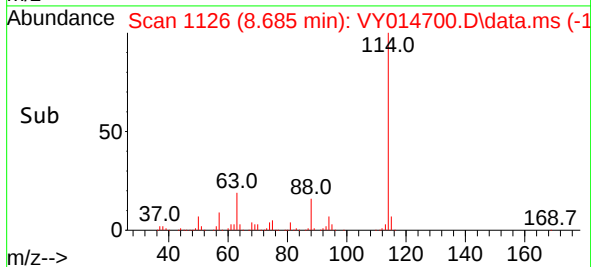
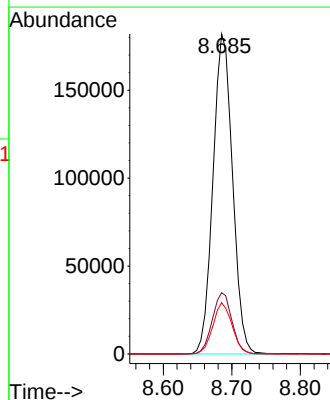
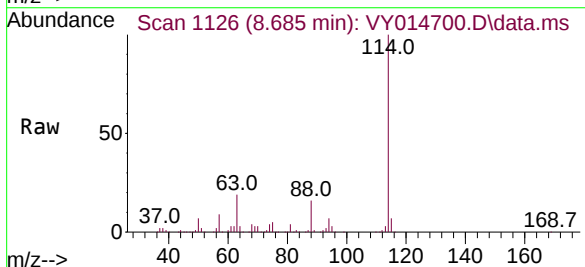
Tgt Ion: 114 Resp: 360668

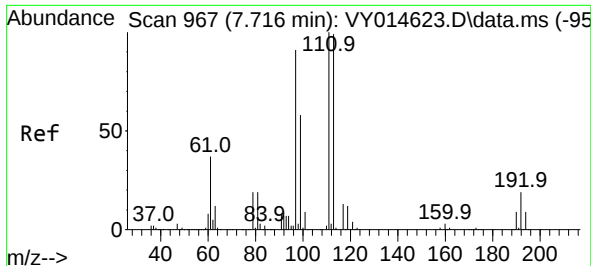
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 16.0 0.0 30.6

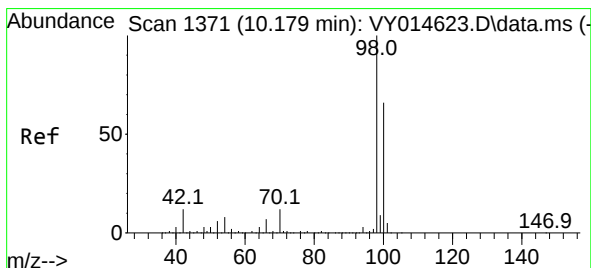
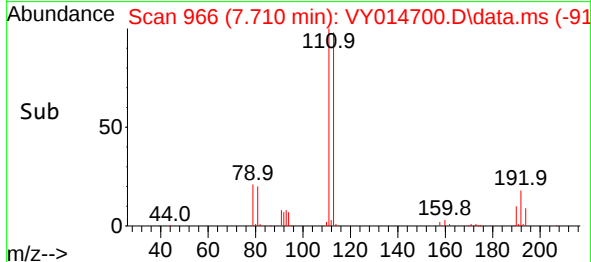
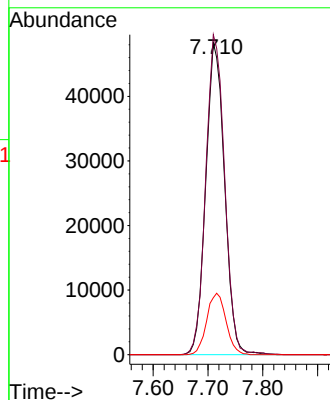
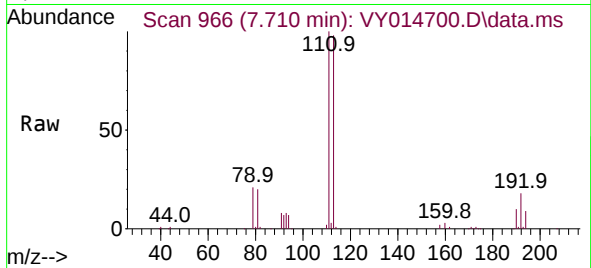




#35
 Dibromofluoromethane
 Concen: 49.988 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY014700.D
 Acq: 18 Jul 2023 14:32

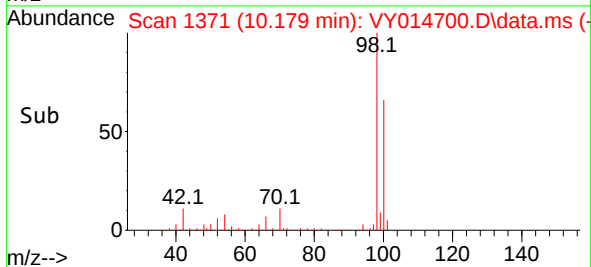
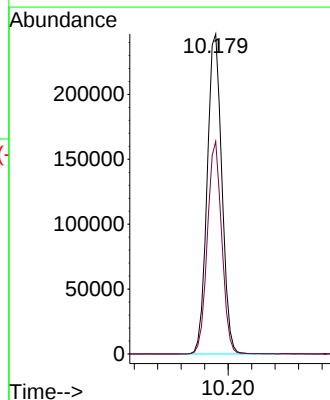
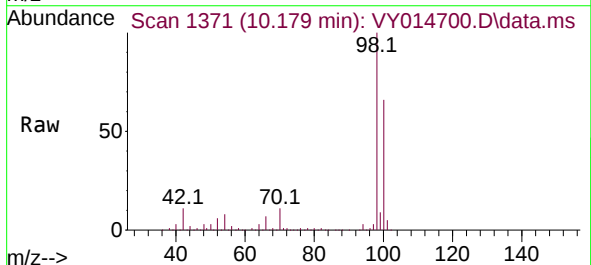
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9

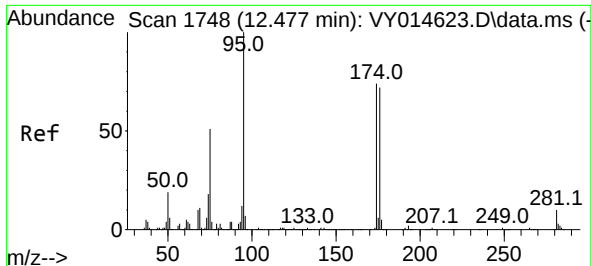
Tgt Ion:113 Resp: 114769
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.3 121.9
 192 20.2 16.9 25.3



#50
 Toluene-d8
 Concen: 50.578 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY014700.D
 Acq: 18 Jul 2023 14:32

Tgt Ion: 98 Resp: 428125
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.1 75.1

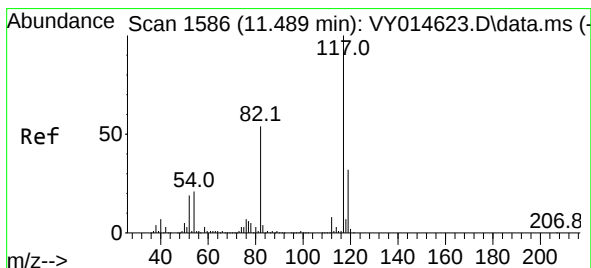
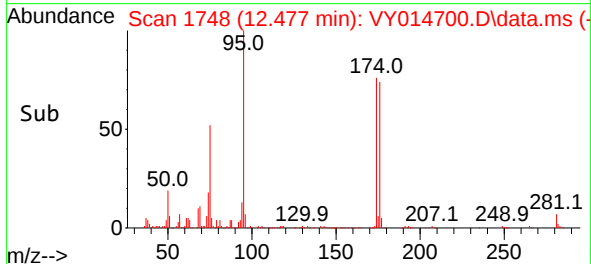
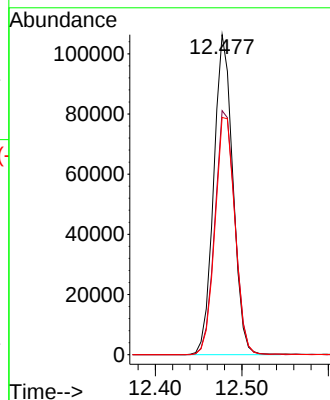
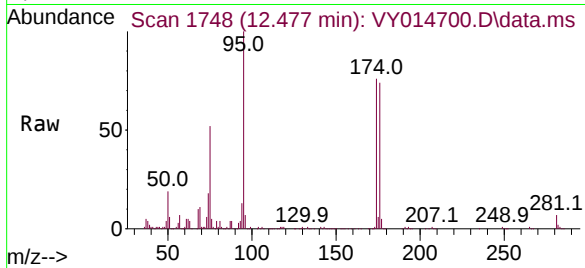




#62
4-Bromofluorobenzene
Concen: 50.263 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014700.D
Acq: 18 Jul 2023 14:32

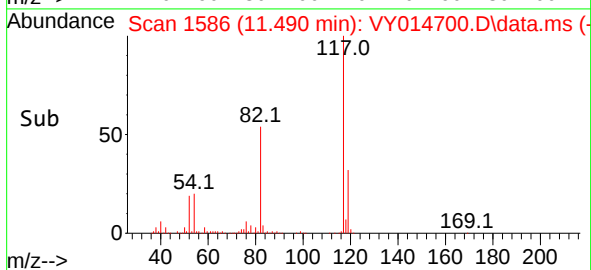
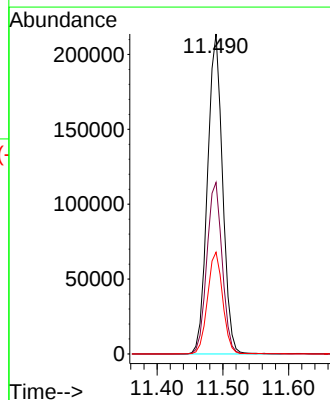
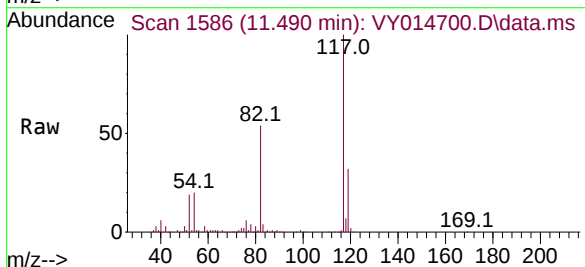
Instrument :
MSVOA_Y
ClientSampleId :
TP9

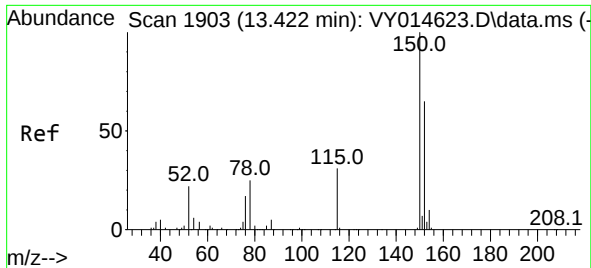
Tgt Ion: 95 Resp: 163135
Ion Ratio Lower Upper
95 100
174 79.7 0.0 178.2
176 77.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014700.D
Acq: 18 Jul 2023 14:32

Tgt Ion: 117 Resp: 340967
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.8 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: VY014700.D

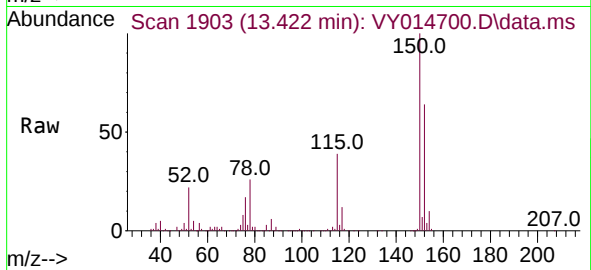
Acq: 18 Jul 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

TP9



Tgt Ion:152 Resp: 164271

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 155.9 0.0 348.8

