

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014703.D
 Acq On : 18 Jul 2023 15:43
 Operator : SY/MD
 Sample : 03640-31
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP11

Quant Time: Jul 19 04:05:47 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)

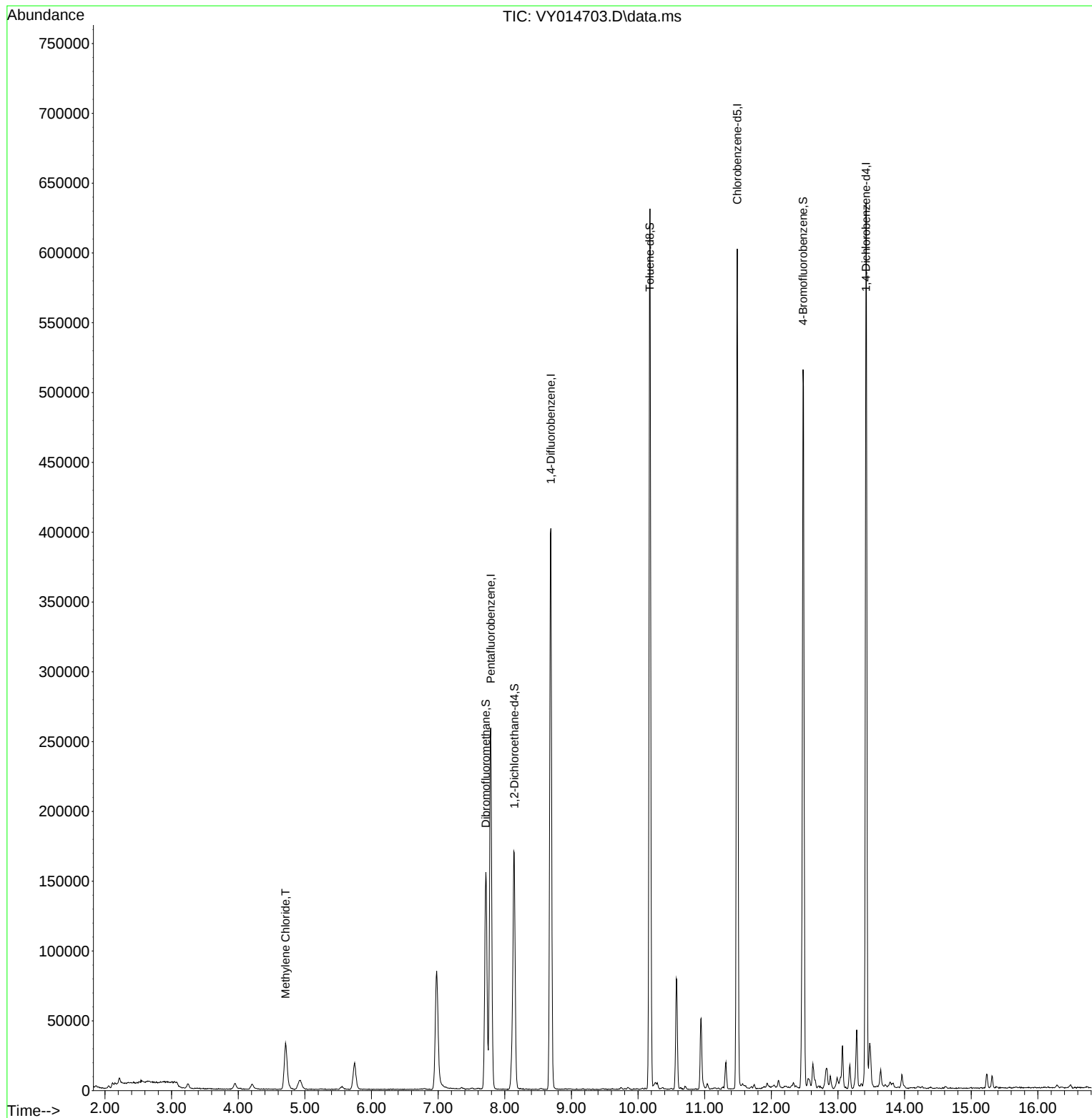
Internal Standards						
1) Pentafluorobenzene	7.789	168	202994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127699	55.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.400%
35) Dibromofluoromethane	7.716	113	111652	49.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.179	98	416383	49.771	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.477	95	157521	49.105	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.220%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	24554	6.650	ug/l	89

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

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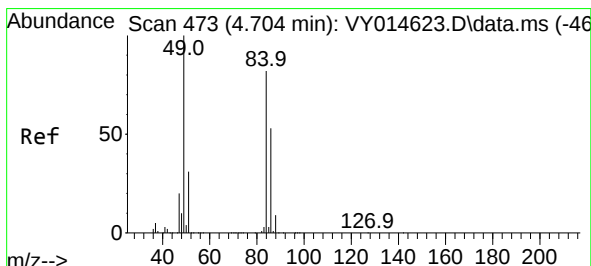
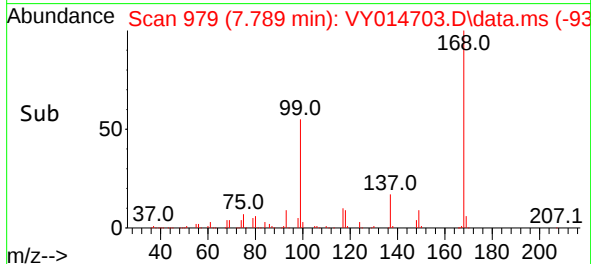
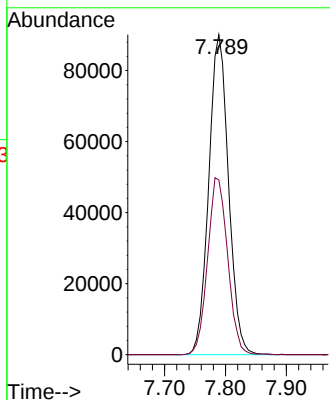
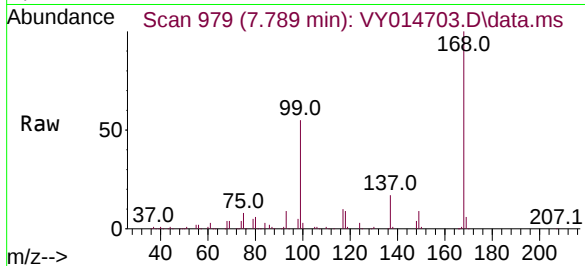




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014703.D
Acq: 18 Jul 2023 15:43

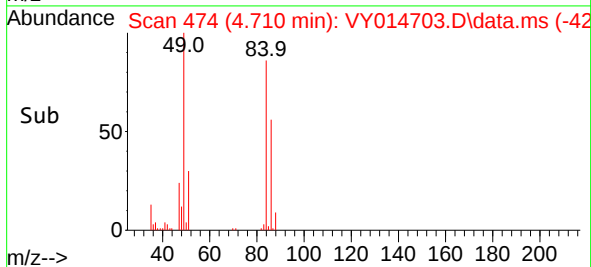
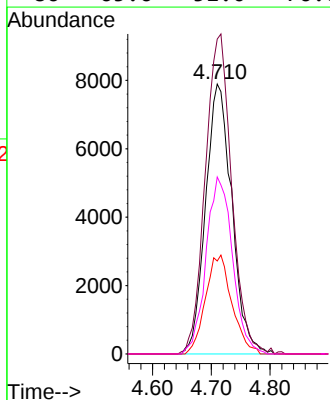
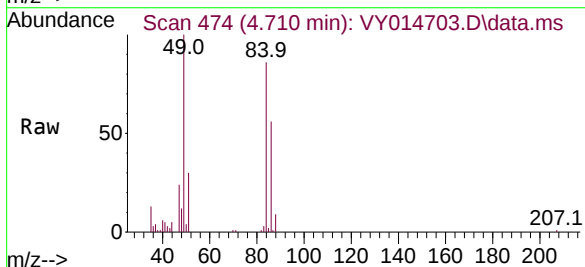
Instrument :
MSVOA_Y
ClientSampleId :
TP11

Tgt Ion:168 Resp: 202994
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#20
Methylene Chloride
Concen: 6.650 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014703.D
Acq: 18 Jul 2023 15:43

Tgt Ion: 84 Resp: 24554
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 34.4 33.2 49.8
86 65.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.205 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014703.D

Acq: 18 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

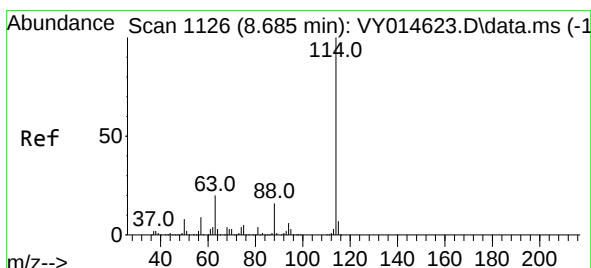
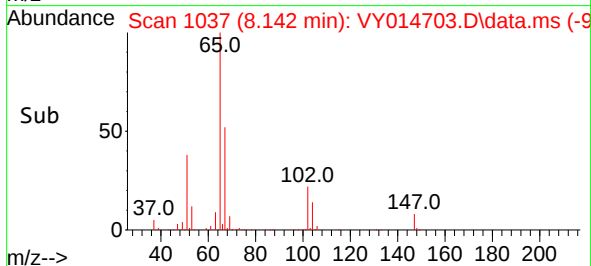
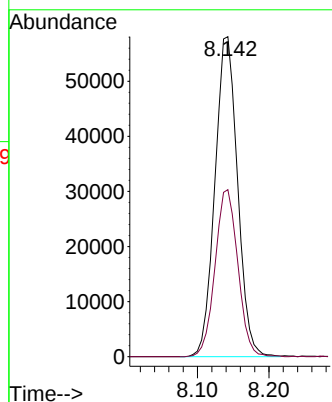
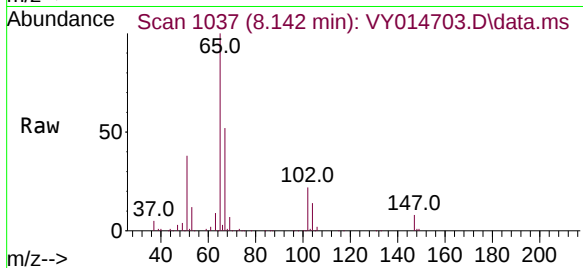
TP11

Tgt Ion: 65 Resp: 127699

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014703.D

Acq: 18 Jul 2023 15:43

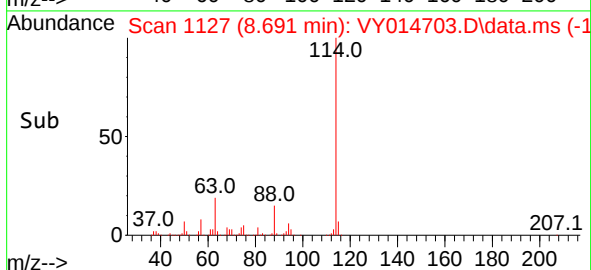
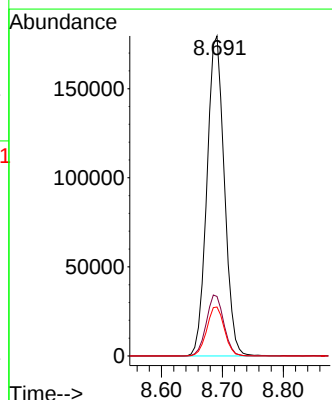
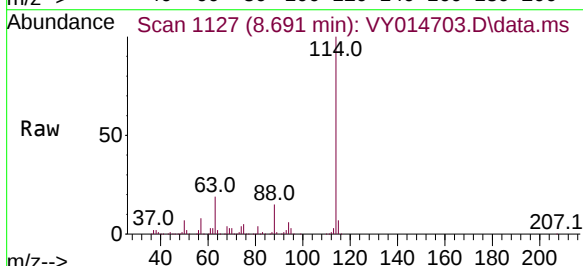
Tgt Ion:114 Resp: 356464

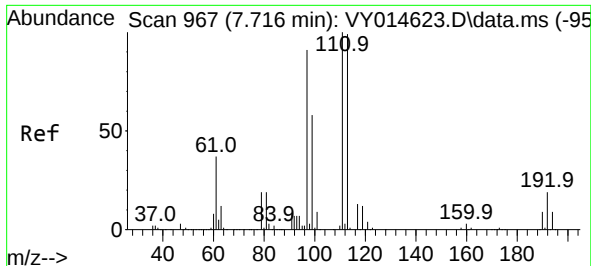
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.3 0.0 30.6

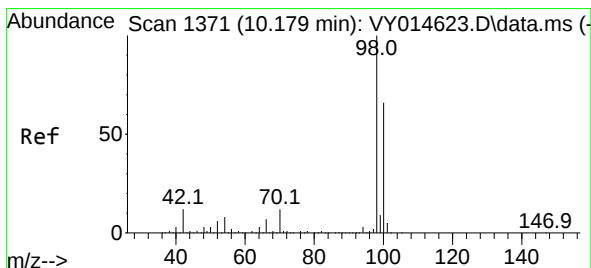
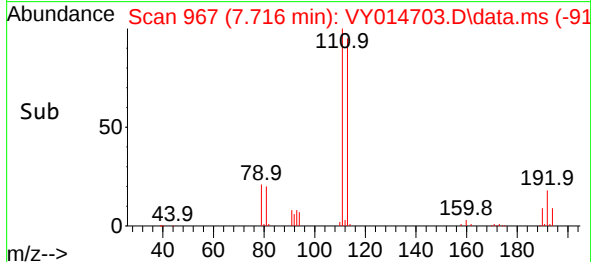
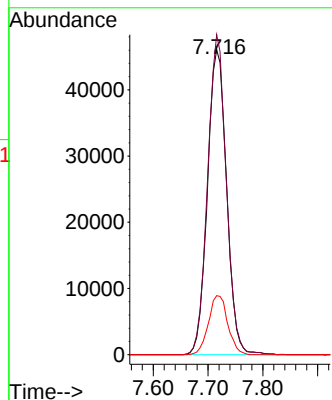
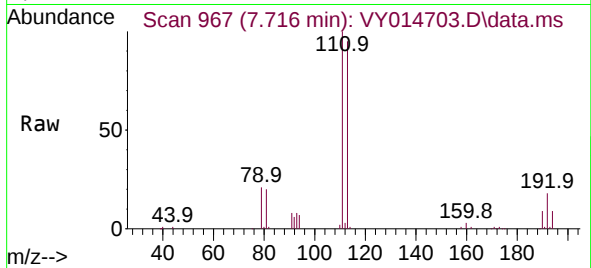




#35
Dibromofluoromethane
Concen: 49.204 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014703.D
Acq: 18 Jul 2023 15:43

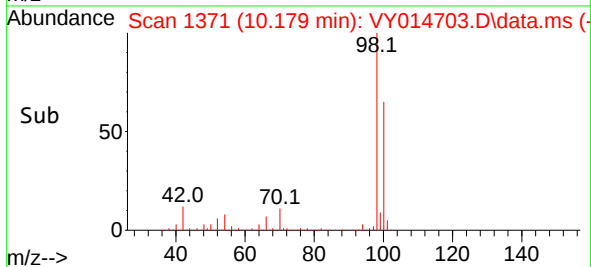
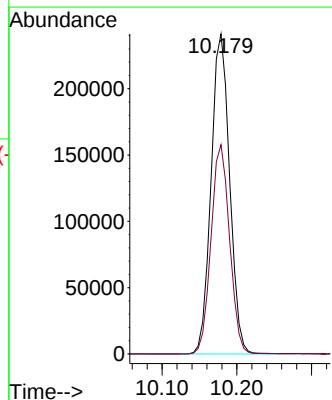
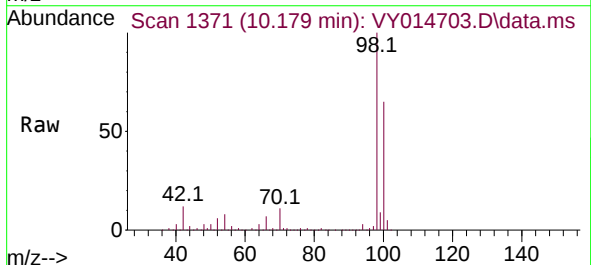
Instrument :
MSVOA_Y
ClientSampleId :
TP11

Tgt Ion:113 Resp: 111652
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 49.771 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014703.D
Acq: 18 Jul 2023 15:43

Tgt Ion: 98 Resp: 416383
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

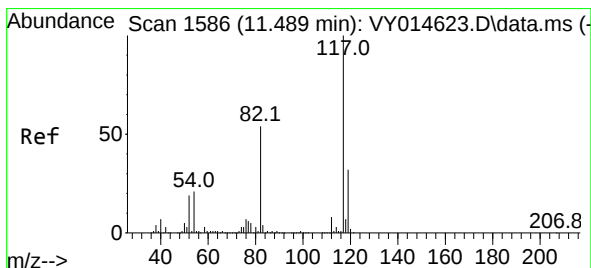
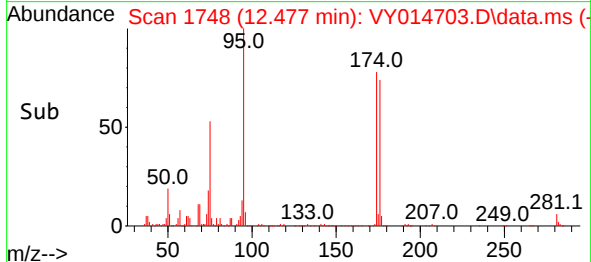
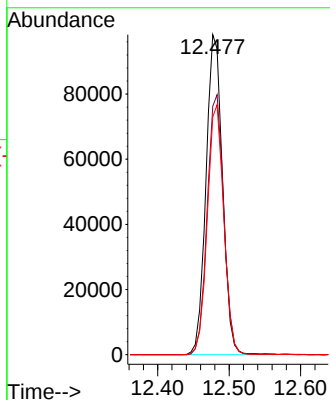
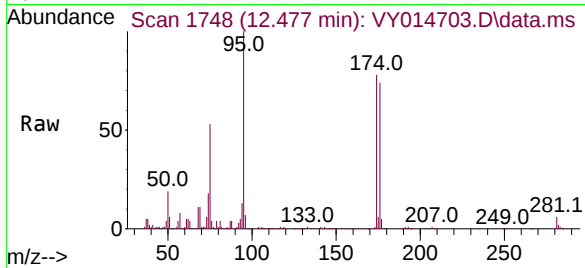




#62
4-Bromofluorobenzene
Concen: 49.105 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014703.D
Acq: 18 Jul 2023 15:43

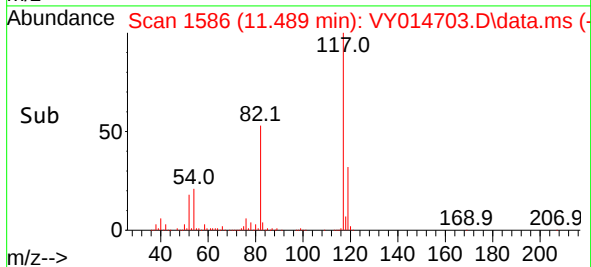
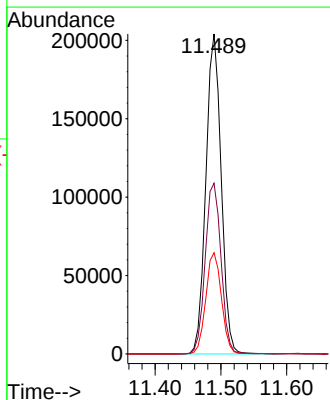
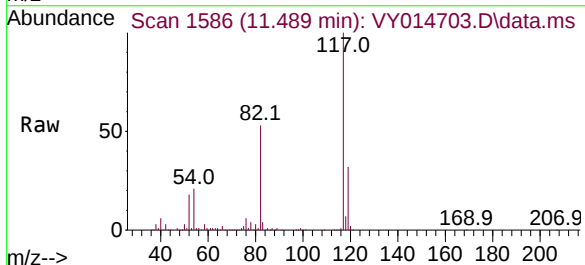
Instrument :
MSVOA_Y
ClientSampleId :
TP11

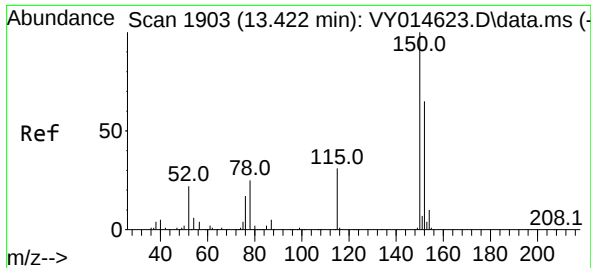
Tgt Ion: 95 Resp: 157521
Ion Ratio Lower Upper
95 100
174 81.6 0.0 178.2
176 77.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014703.D
Acq: 18 Jul 2023 15:43

Tgt Ion: 117 Resp: 330419
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.7 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: VY014703.D

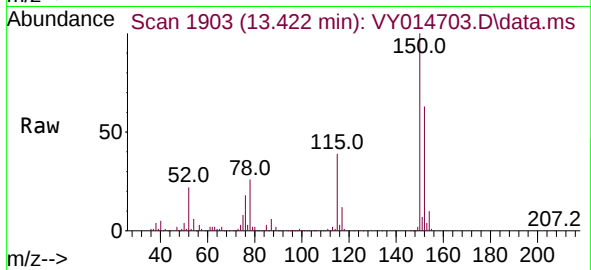
Acq: 18 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

TP11



Tgt Ion:152 Resp: 158074

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 158.6 0.0 348.8

