

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015253.D
 Acq On : 22 Aug 2023 18:37
 Operator : SY/MD
 Sample : 04100-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 23 02:46:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

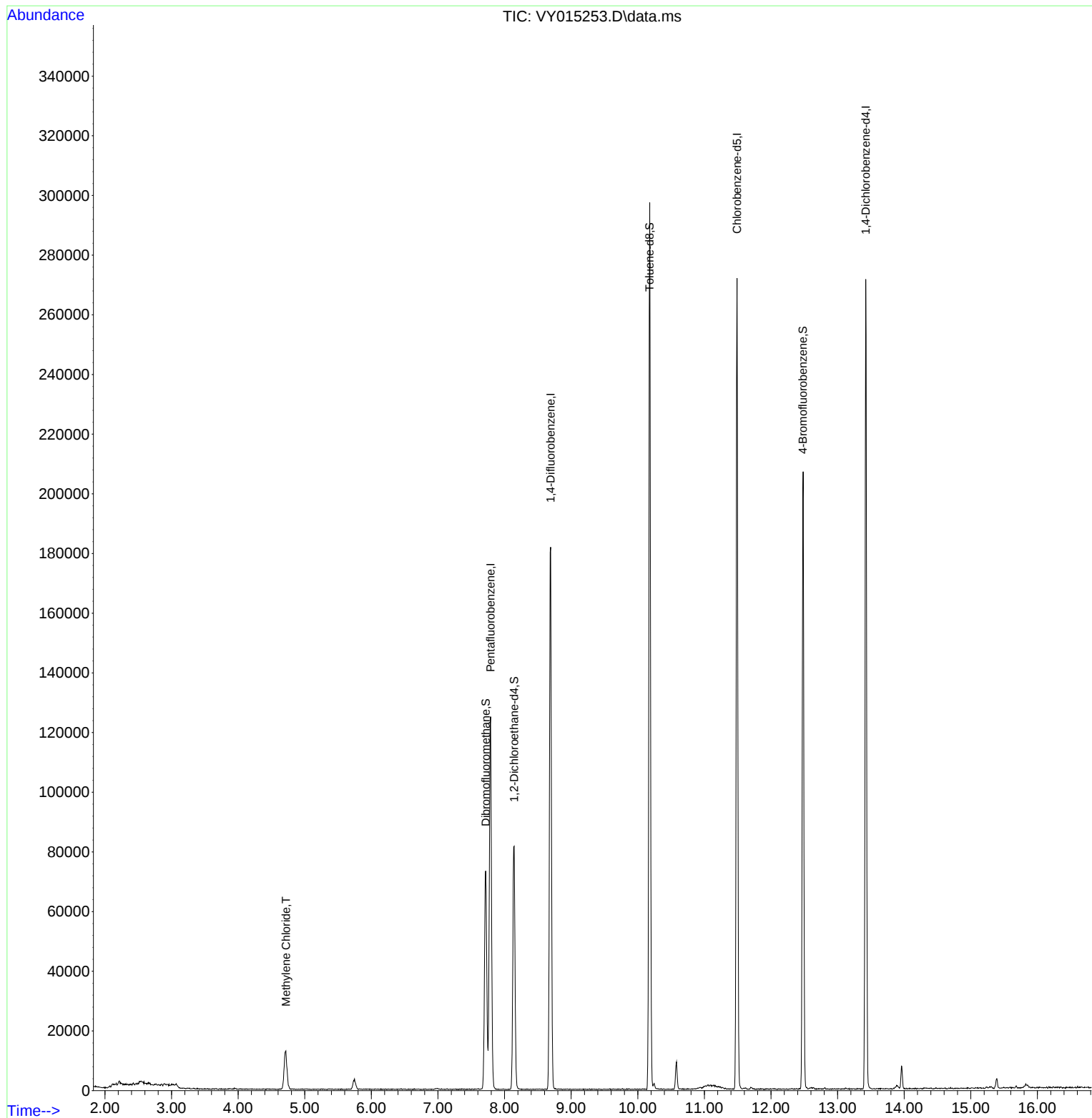
Internal Standards						
1) Pentafluorobenzene	7.789	168	96965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	160270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65815	56.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.080%
35) Dibromofluoromethane	7.716	113	52156	50.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.179	98	189183	49.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.477	95	61460	43.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.680%
Target Compounds						
20) Methylene Chloride	4.716	84	9754	6.981	ug/l	Qvalue # 89

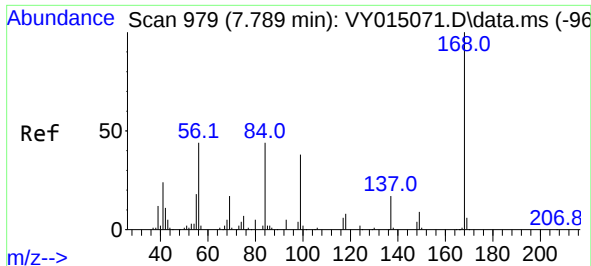
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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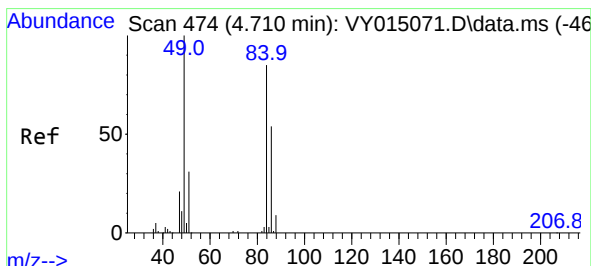
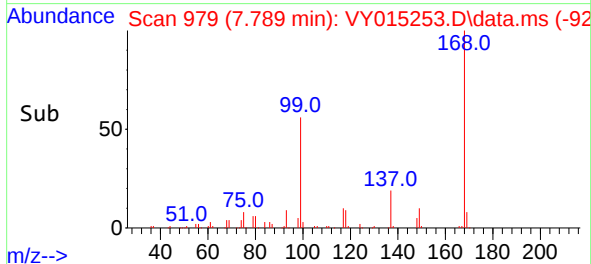
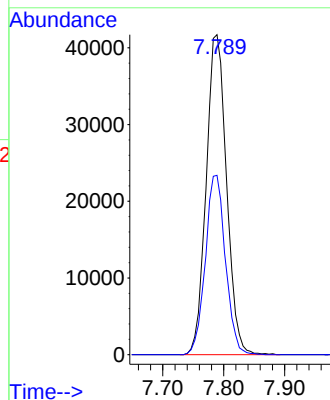
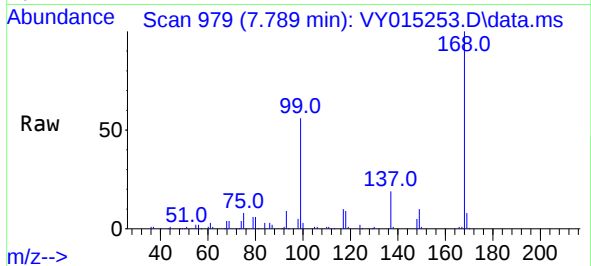




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015253.D
Acq: 22 Aug 2023 18:37

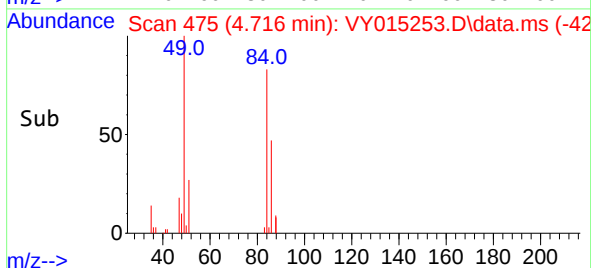
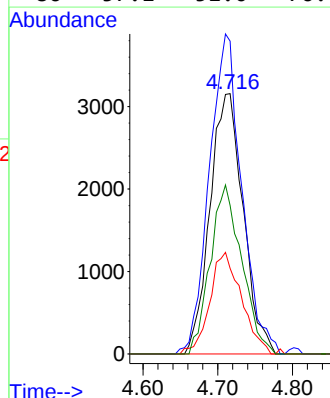
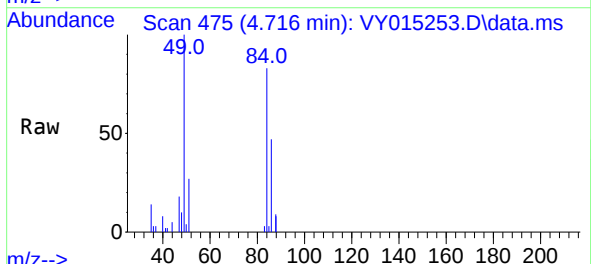
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

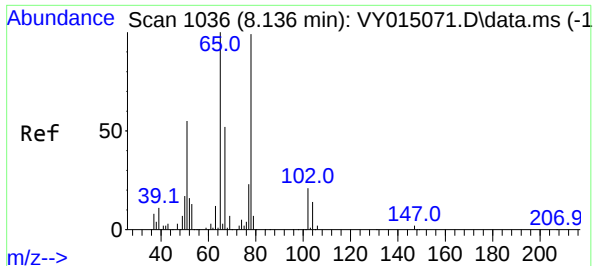
Tgt Ion:168 Resp: 96965
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#20
Methylene Chloride
Concen: 6.981 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015253.D
Acq: 22 Aug 2023 18:37

Tgt Ion: 84 Resp: 9754
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 32.9 33.2 49.8#
86 57.1 51.0 76.6

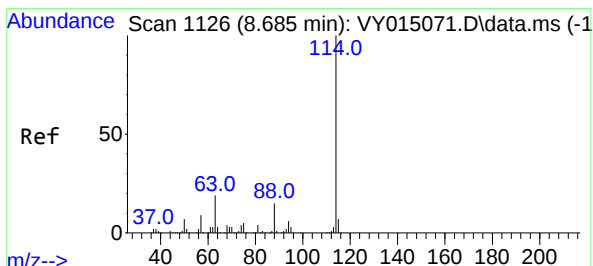
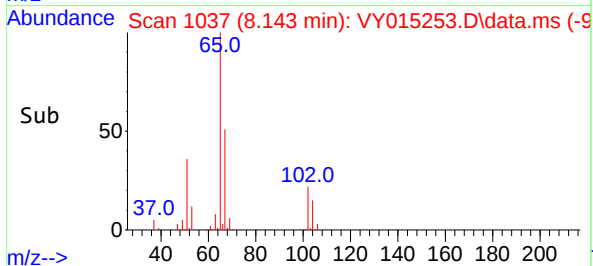
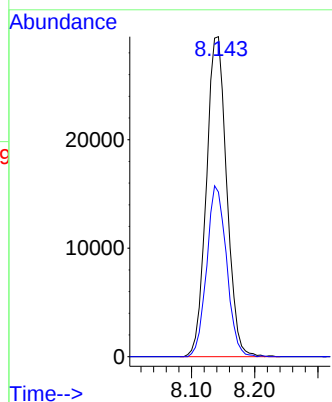
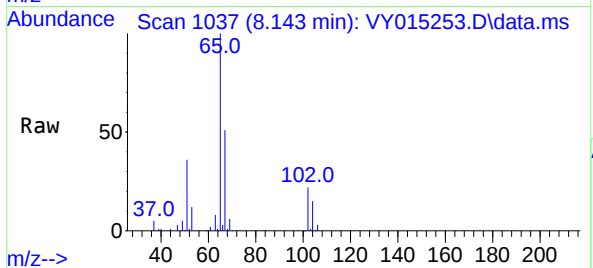




#33
1,2-Dichloroethane-d4
Concen: 56.543 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015253.D
Acq: 22 Aug 2023 18:37

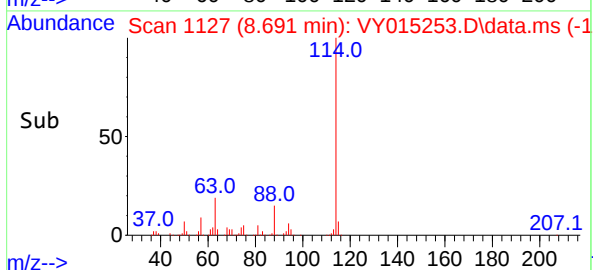
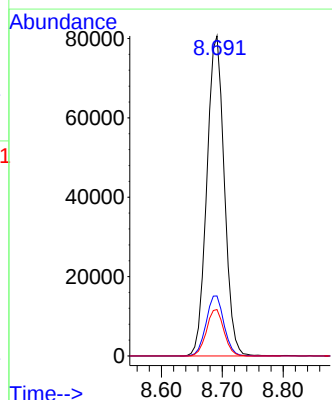
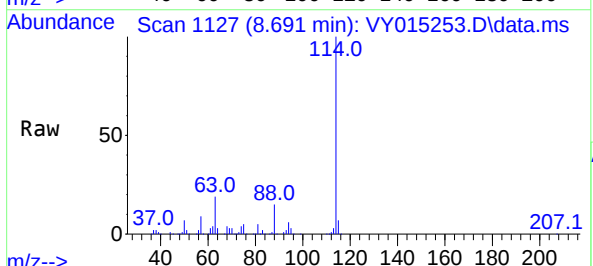
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion: 65 Resp: 65815
Ion Ratio Lower Upper
65 100
67 52.1 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: VY015253.D
Acq: 22 Aug 2023 18:37

Tgt Ion: 114 Resp: 160270
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 14.5 0.0 30.6

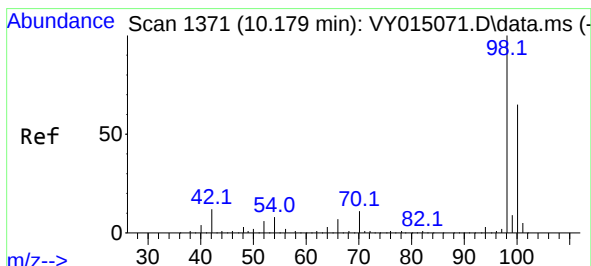
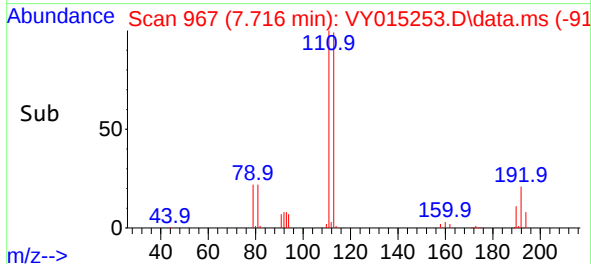
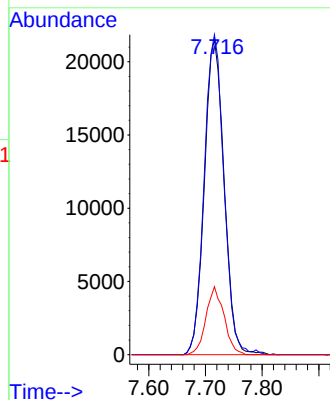
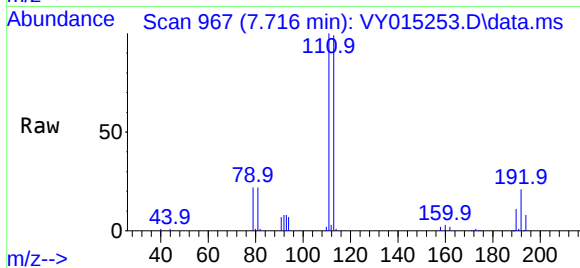




#35
Dibromofluoromethane
Concen: 50.584 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015253.D
Acq: 22 Aug 2023 18:37

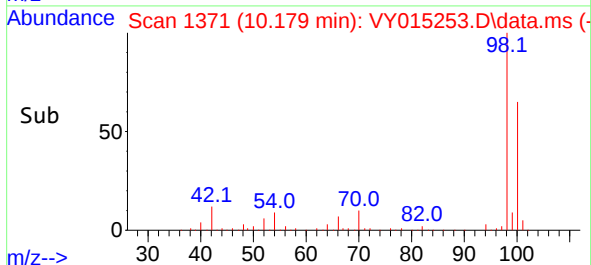
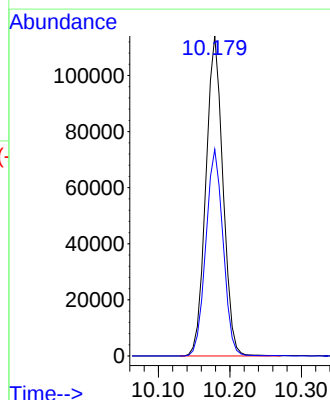
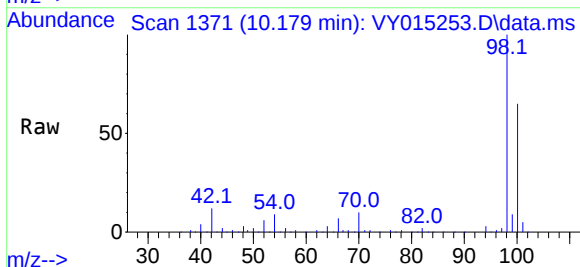
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:113 Resp: 52156
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 49.289 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015253.D
Acq: 22 Aug 2023 18:37

Tgt Ion: 98 Resp: 189183
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

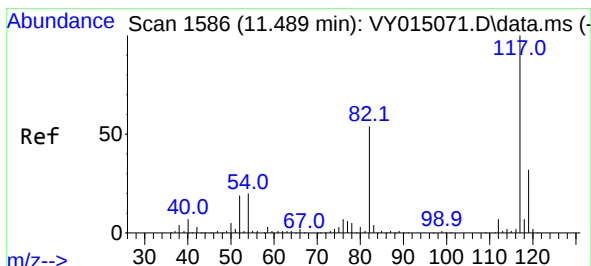
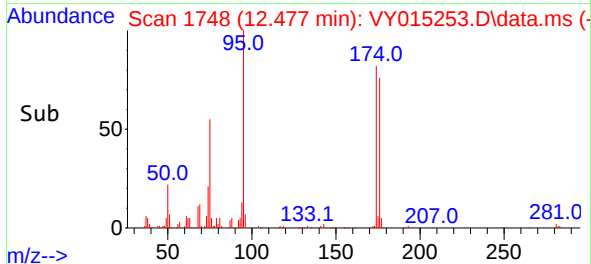
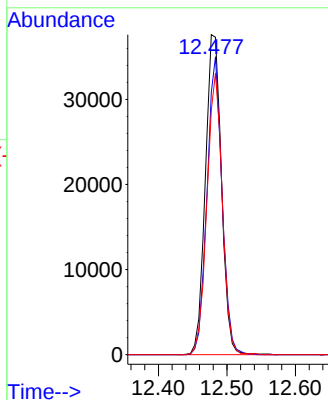
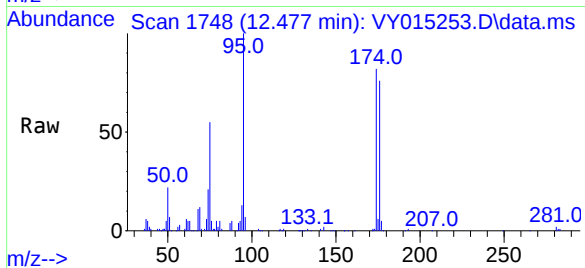




#62
4-Bromofluorobenzene
Concen: 43.840 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015253.D
Acq: 22 Aug 2023 18:37

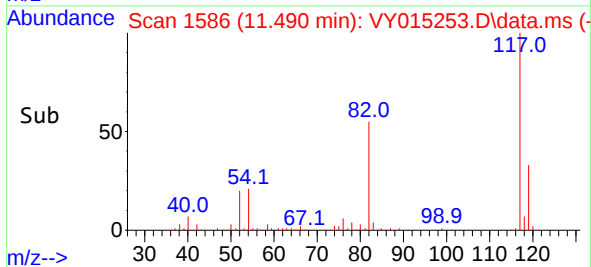
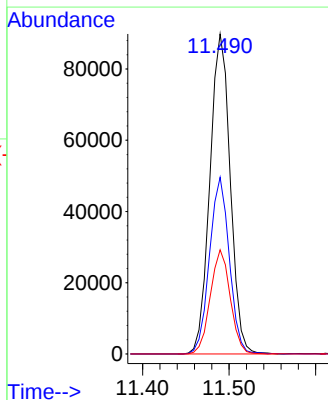
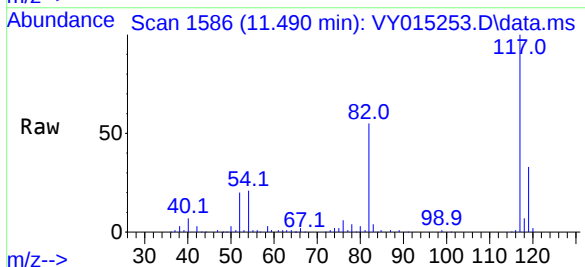
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

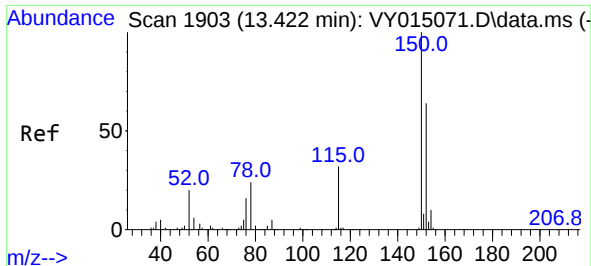
Tgt Ion: 95 Resp: 61460
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015253.D
Acq: 22 Aug 2023 18:37

Tgt Ion: 117 Resp: 146726
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.6 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: VY015253.D

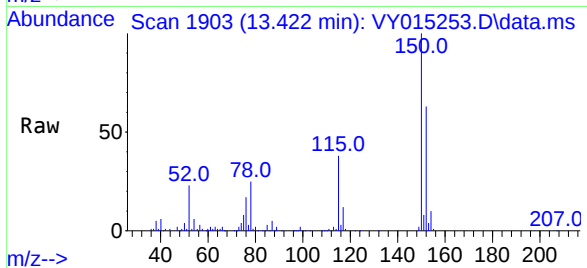
Acq: 22 Aug 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 69862

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.3 0.0 348.8

