

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015168.D
 Acq On : 17 Aug 2023 13:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 18 00:53:11 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)

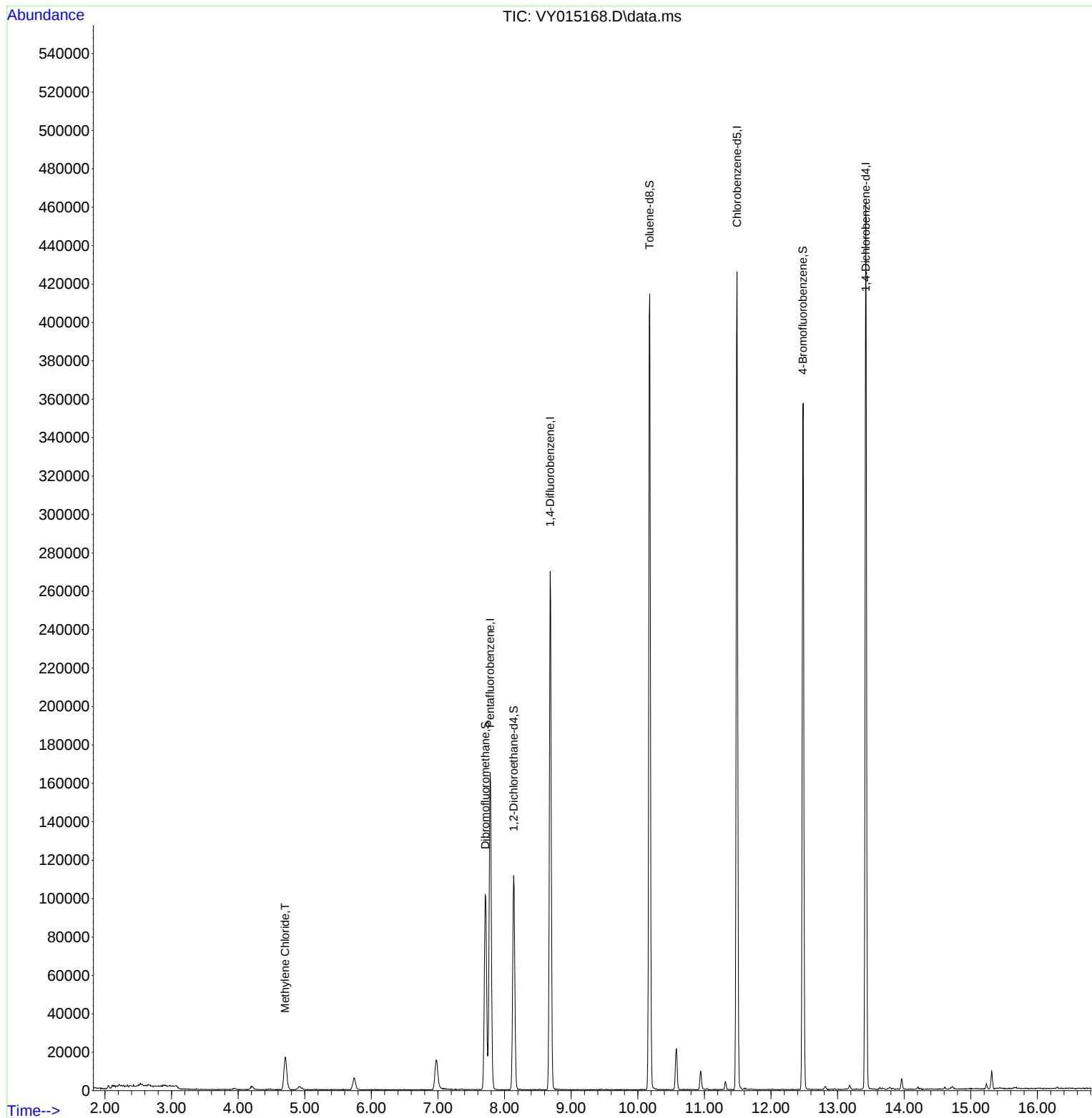
Internal Standards						
1) Pentafluorobenzene	7.783	168	129495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87889	56.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.080%
35) Dibromofluoromethane	7.710	113	73153	49.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.380%
50) Toluene-d8	10.179	98	276968	50.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.477	95	104533	52.225	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.460%
Target Compounds						
20) Methylene Chloride	4.704	84	12743	6.727	ug/l	Qvalue 94

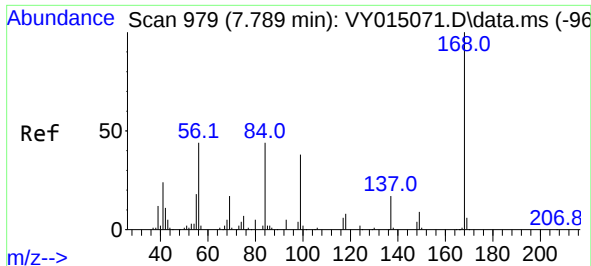
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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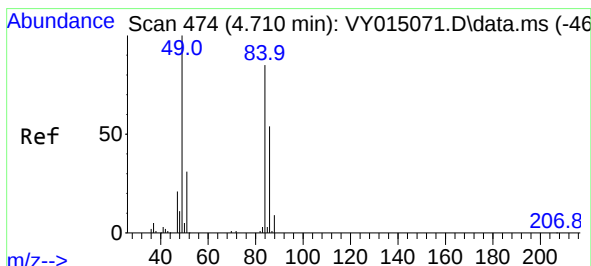
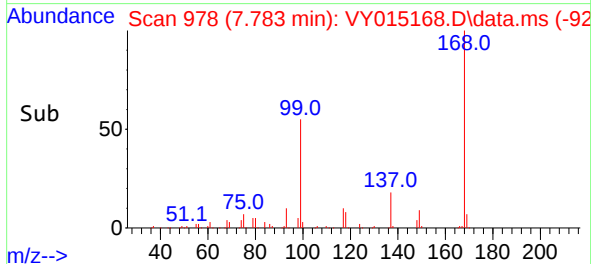
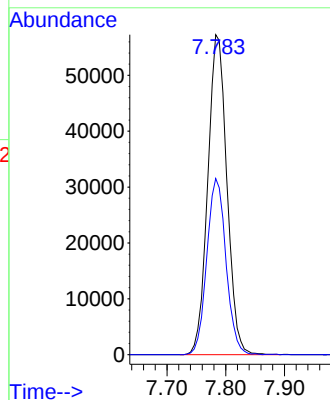
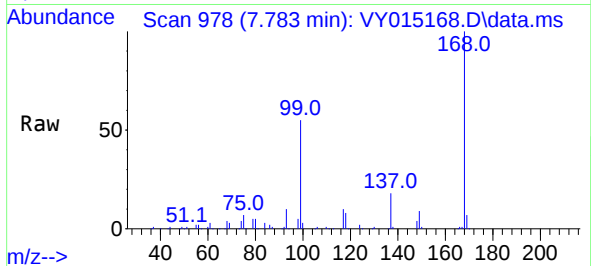




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

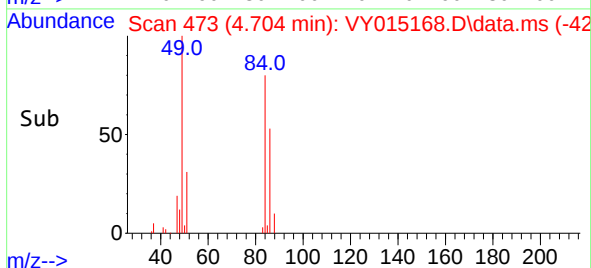
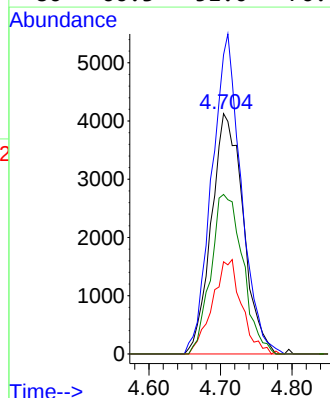
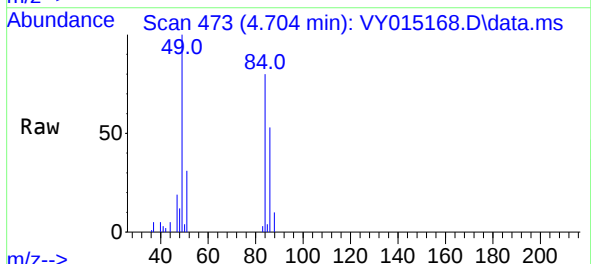
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

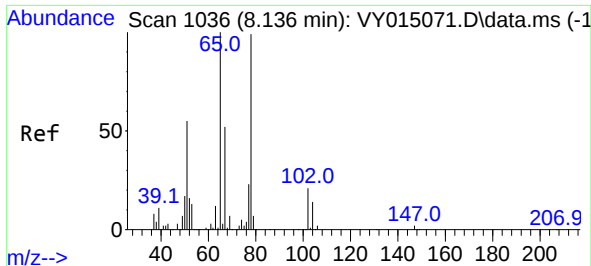
Tgt Ion:168 Resp: 129495
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 6.727 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Tgt Ion: 84 Resp: 12743
Ion Ratio Lower Upper
84 100
49 124.5 106.9 160.3
51 38.3 33.2 49.8
86 66.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.540 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015168.D

Acq: 17 Aug 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

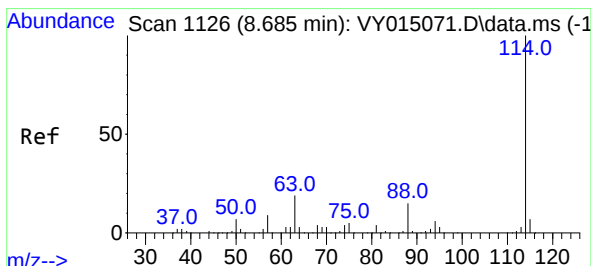
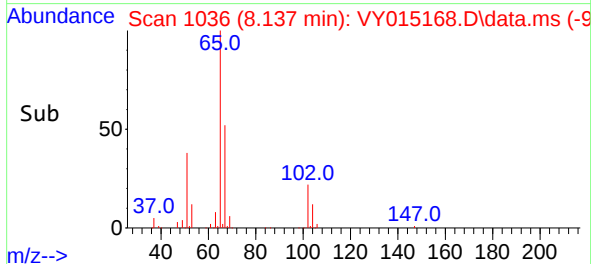
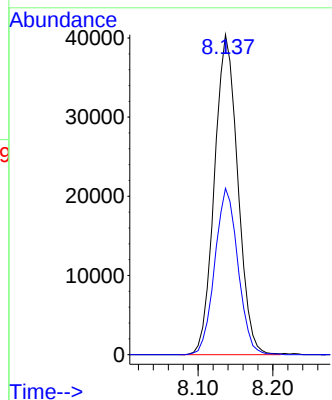
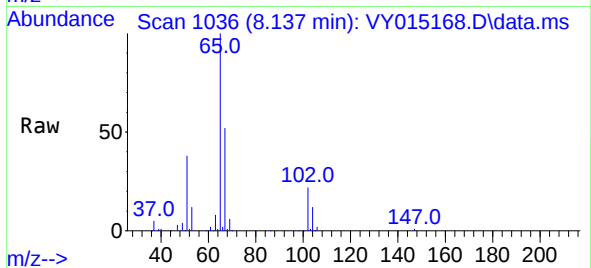
VIBLK

Tgt Ion: 65 Resp: 87889

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015168.D

Acq: 17 Aug 2023 13:42

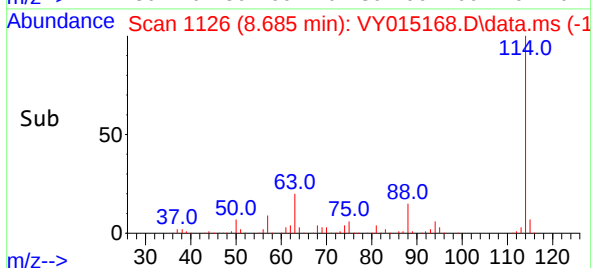
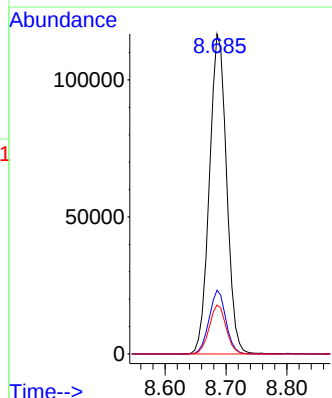
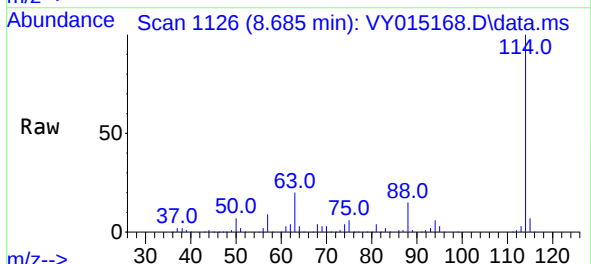
Tgt Ion: 114 Resp: 228826

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.3 0.0 30.6

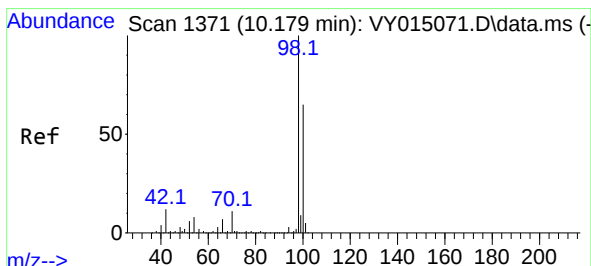
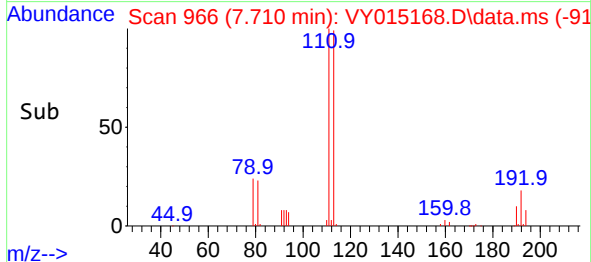
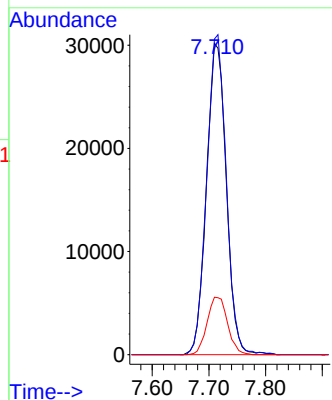
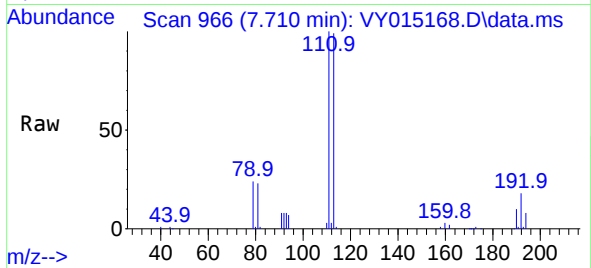




#35
Dibromofluoromethane
Concen: 49.692 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

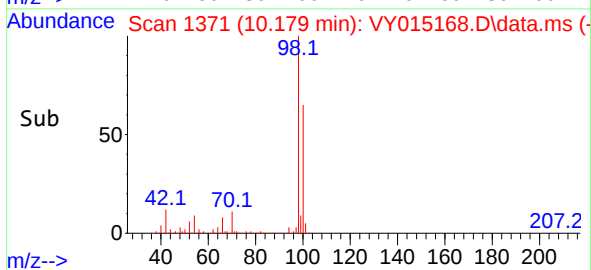
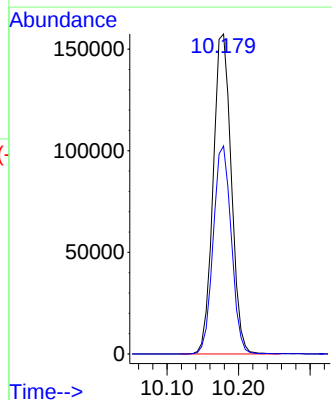
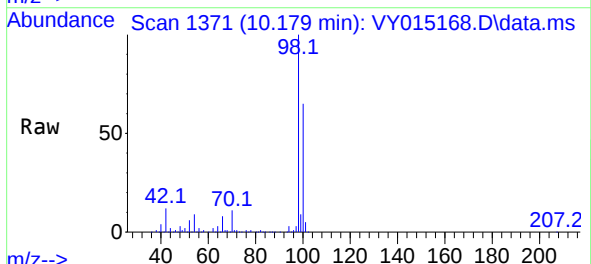
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

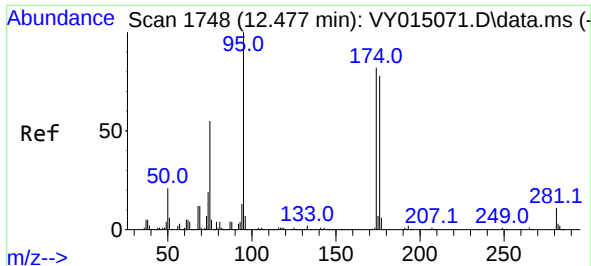
Tgt Ion:113 Resp: 73153
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.541 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Tgt Ion: 98 Resp: 276968
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

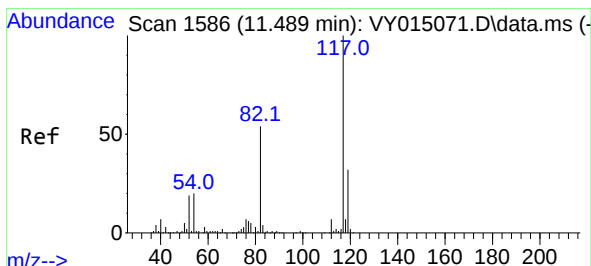
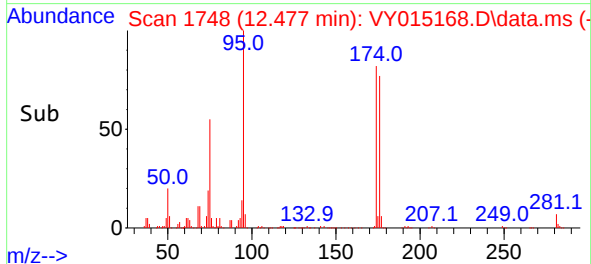
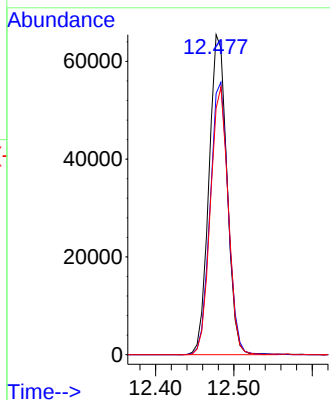
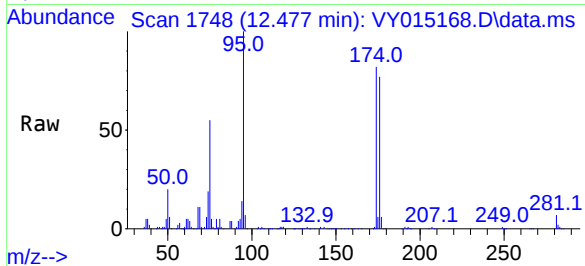




#62
4-Bromofluorobenzene
Concen: 52.225 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

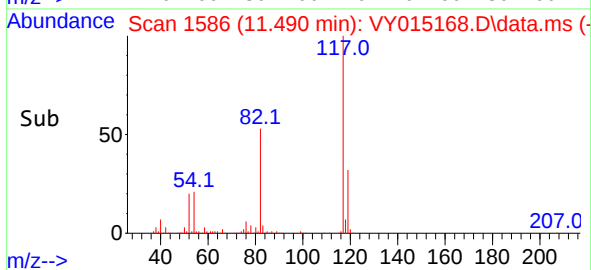
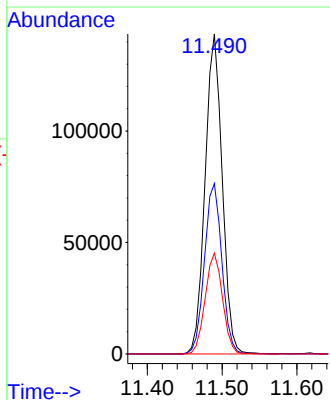
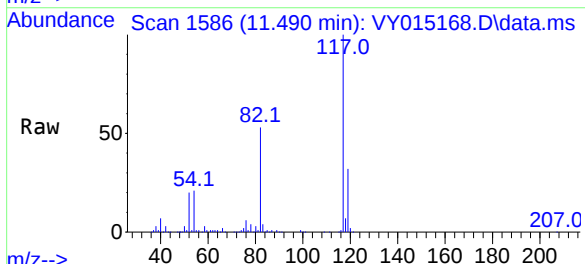
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

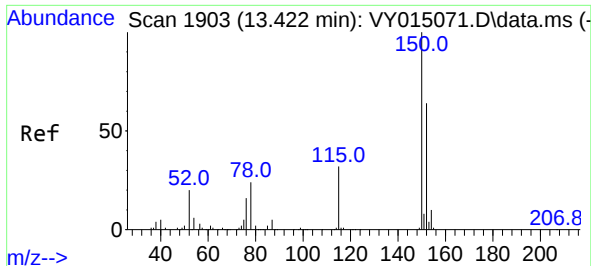
Tgt Ion: 95 Resp: 104533
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

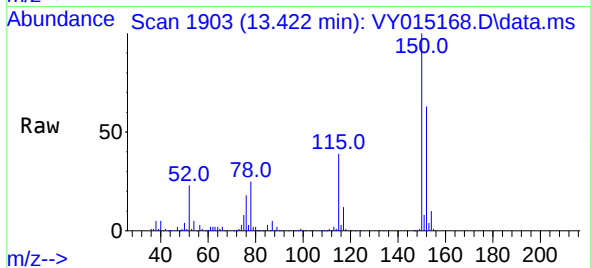
Tgt Ion: 117 Resp: 228503
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.5 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:152 Resp: 116440
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 155.3 0.0 348.8

