

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013985.D
 Acq On : 02 Jun 2023 13:23
 Operator : KP/MD
 Sample : 03002-06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03

Quant Time: Jun 03 04:59:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

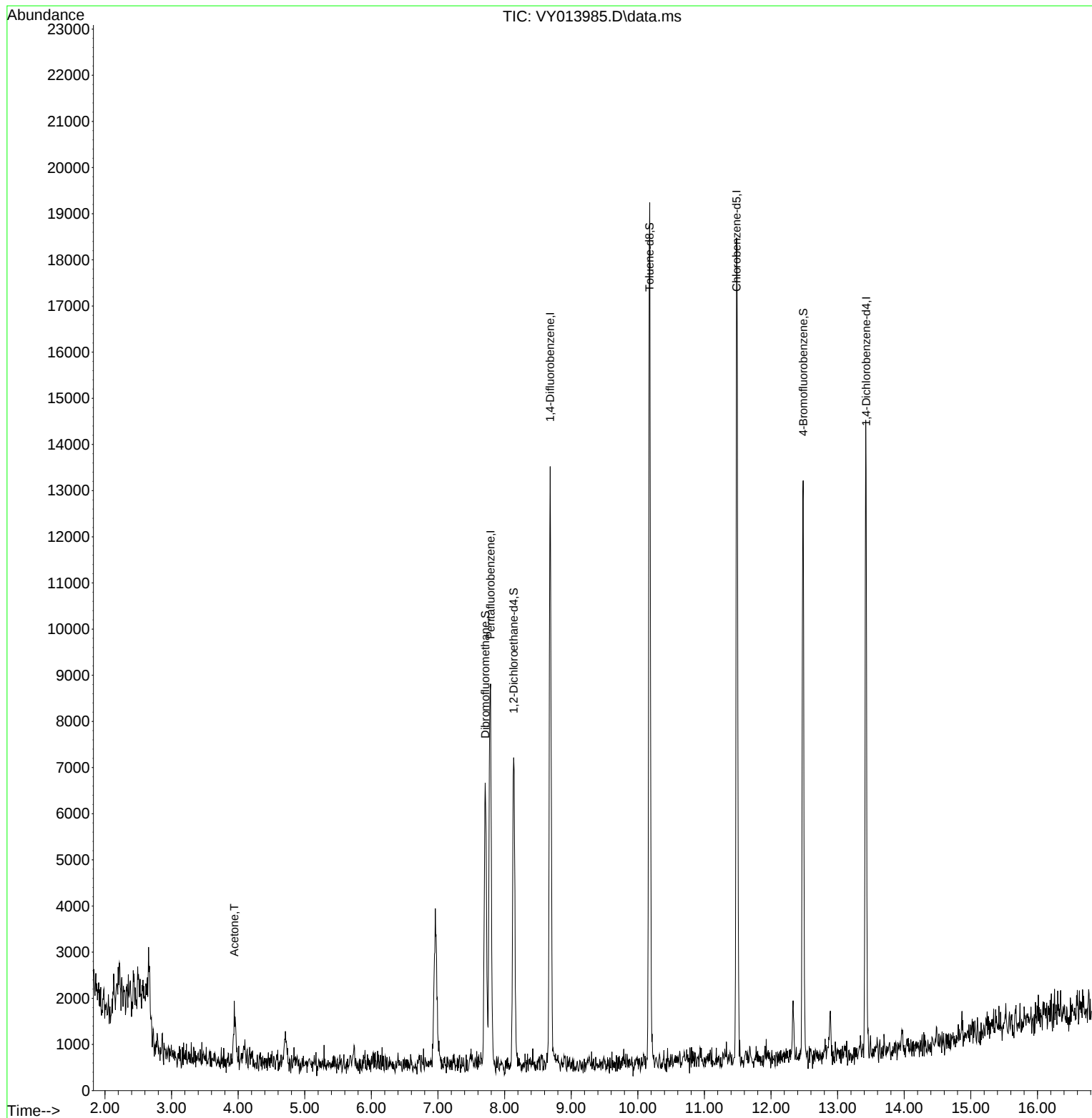
Internal Standards						
1) Pentafluorobenzene	7.789	168	7200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	11581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	10557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5875	61.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.280%	
35) Dibromofluoromethane	7.710	113	4255	57.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.179	98	12987	46.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.520%	
62) 4-Bromofluorobenzene	12.483	95	3788	39.579	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.160%	
Target Compounds						
16) Acetone	3.942	43	2106	64.583	ug/l	Qvalue # 72

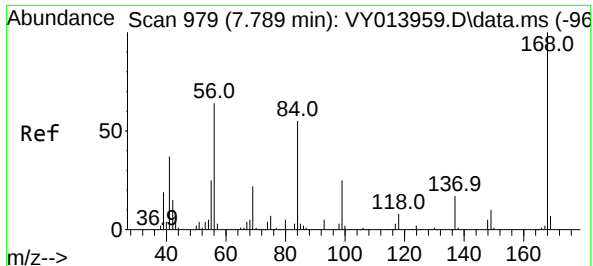
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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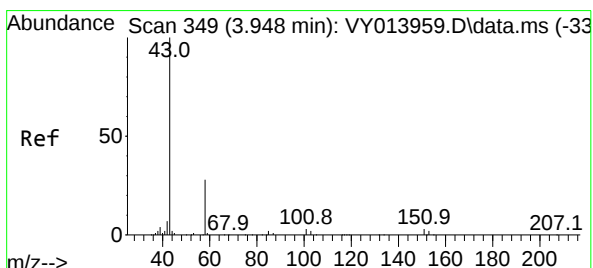
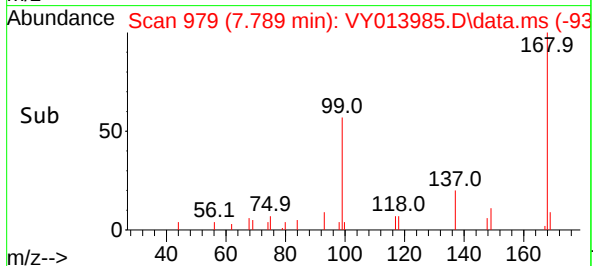
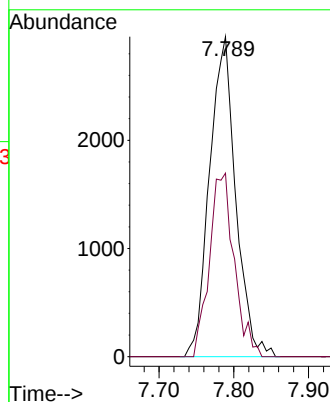
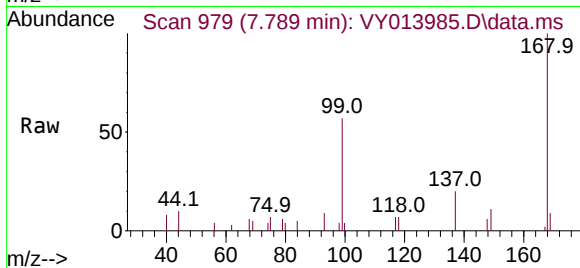




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013985.D
Acq: 02 Jun 2023 13:23

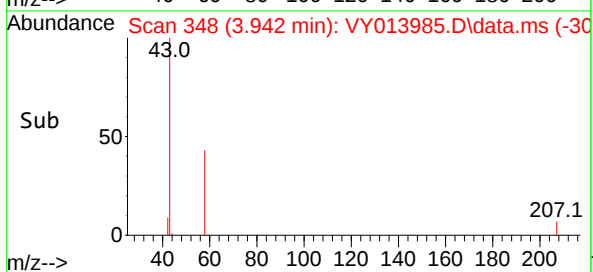
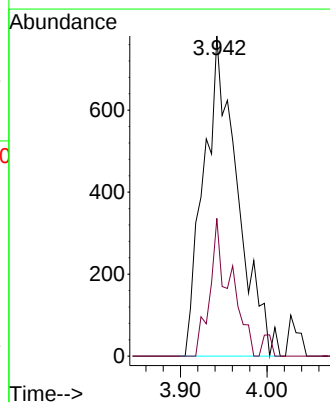
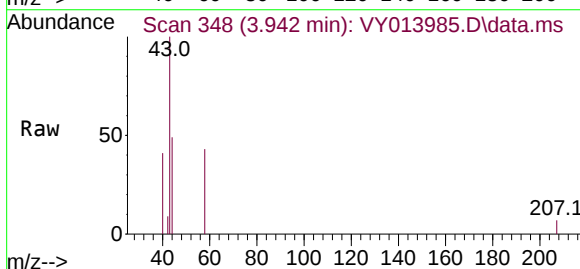
Instrument :
MSVOA_Y
ClientSampleId :
SB03

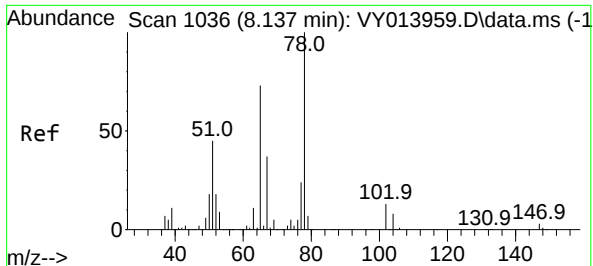
Tgt Ion:168 Resp: 7200
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#16
Acetone
Concen: 64.583 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013985.D
Acq: 02 Jun 2023 13:23

Tgt Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
58 43.0 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 61.640 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013985.D

Acq: 02 Jun 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :

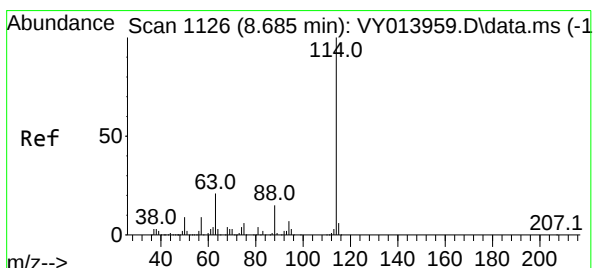
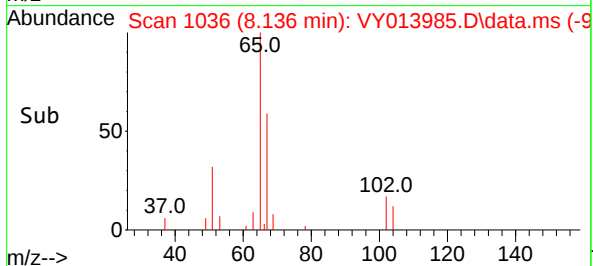
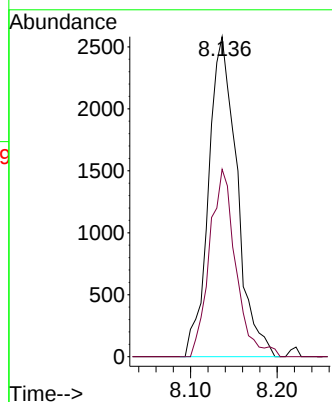
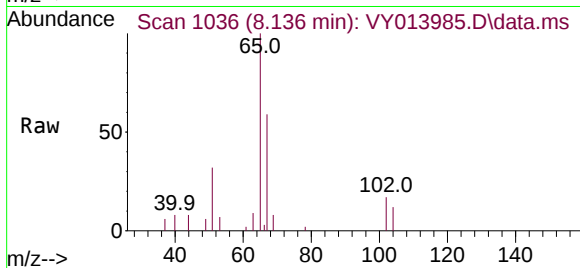
SB03

Tgt Ion: 65 Resp: 5875

Ion Ratio Lower Upper

65 100

67 54.2 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: VY013985.D

Acq: 02 Jun 2023 13:23

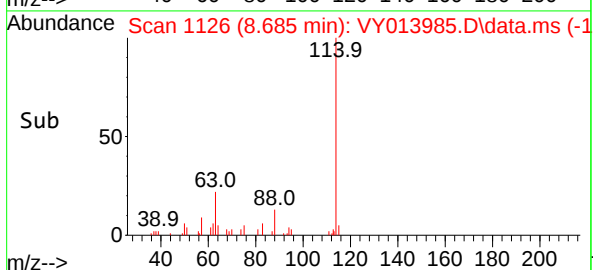
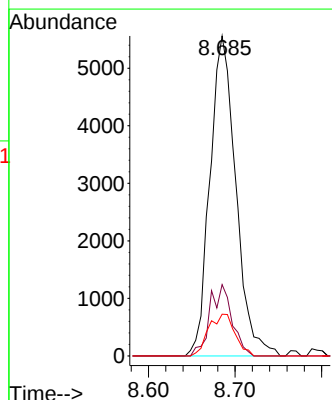
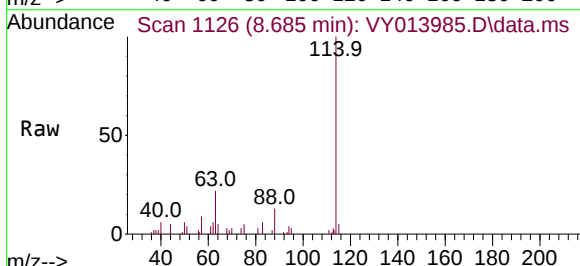
Tgt Ion: 114 Resp: 11581

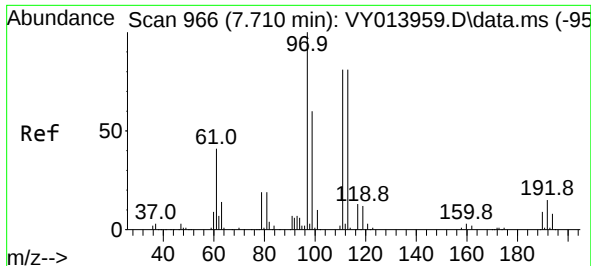
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

88 13.1 0.0 30.6

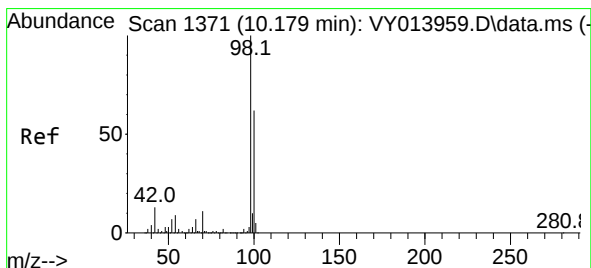
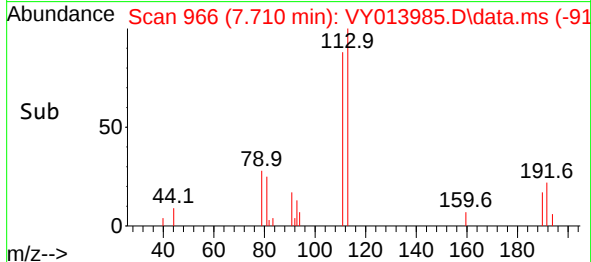
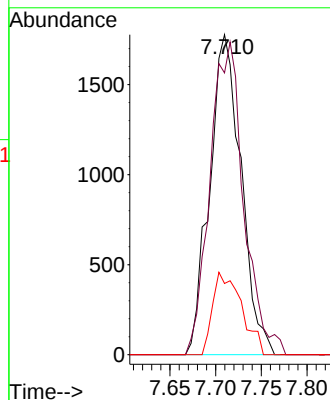
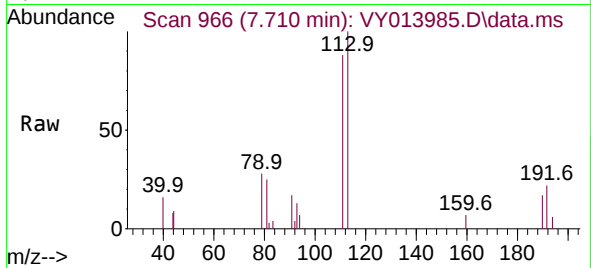




#35
 Dibromofluoromethane
 Concen: 57.814 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY013985.D
 Acq: 02 Jun 2023 13:23

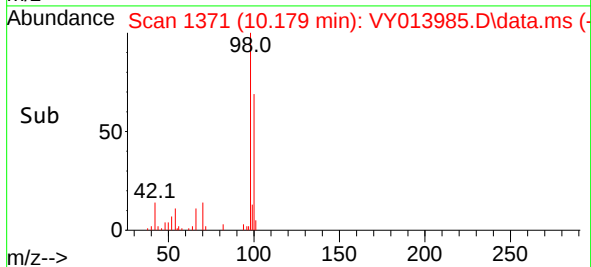
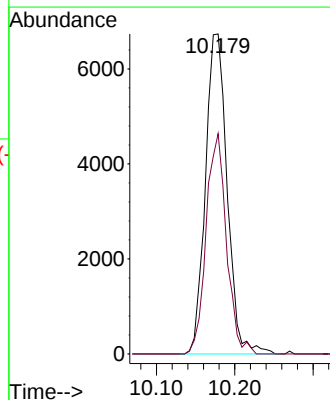
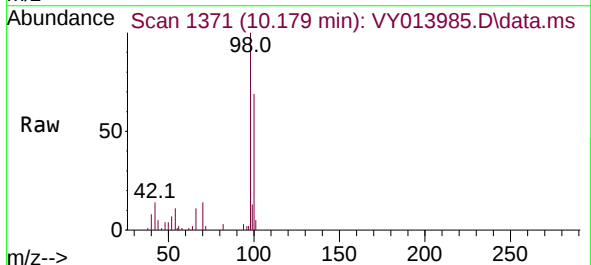
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03

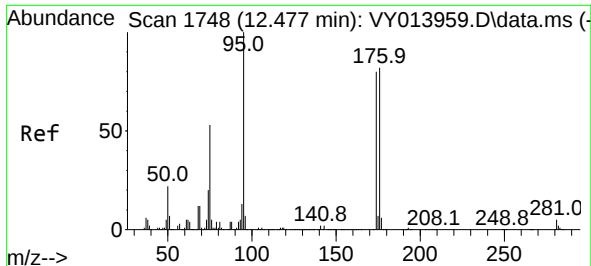
Tgt Ion:113 Resp: 4255
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.3 121.9
 192 23.6 16.9 25.3



#50
 Toluene-d8
 Concen: 46.261 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY013985.D
 Acq: 02 Jun 2023 13:23

Tgt Ion: 98 Resp: 12987
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.1 75.1

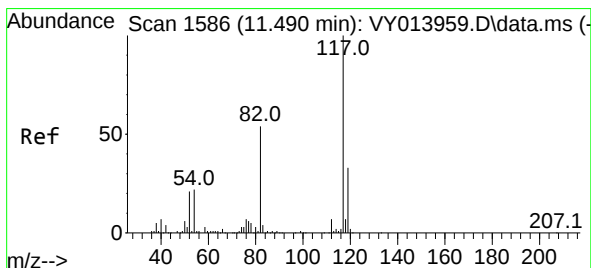
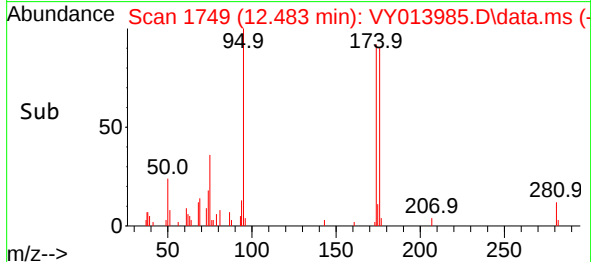
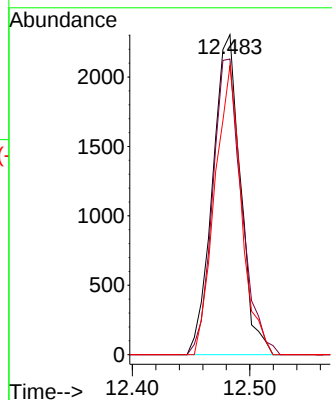
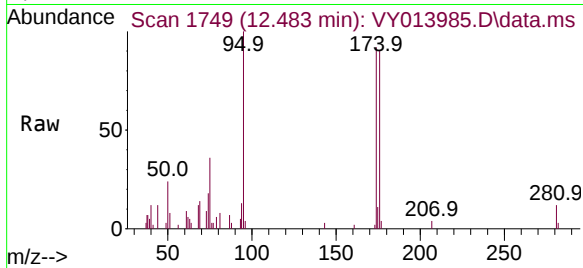




#62
4-Bromofluorobenzene
Concen: 39.579 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013985.D
Acq: 02 Jun 2023 13:23

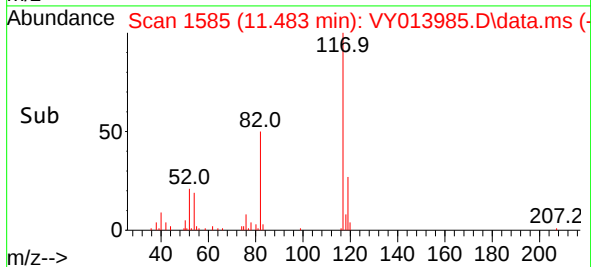
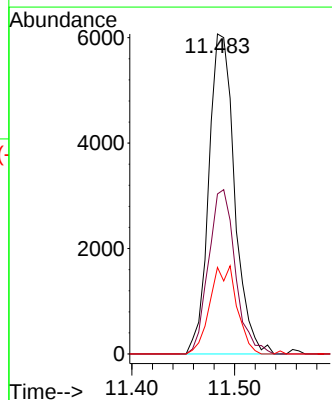
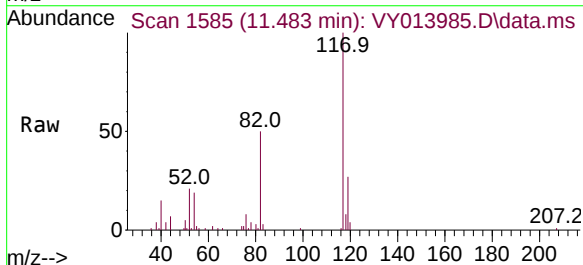
Instrument :
MSVOA_Y
ClientSampleId :
SB03

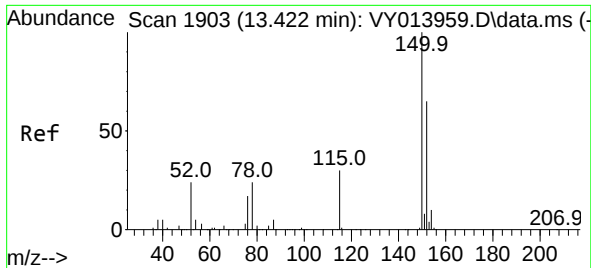
Tgt Ion: 95 Resp: 3788
Ion Ratio Lower Upper
95 100
174 96.1 0.0 178.2
176 86.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013985.D
Acq: 02 Jun 2023 13:23

Tgt Ion: 117 Resp: 10557
Ion Ratio Lower Upper
117 100
82 50.0 43.4 65.0
119 27.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013985.D

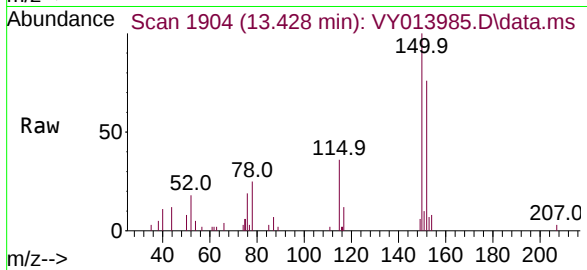
Acq: 02 Jun 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :

SB03



Tgt Ion:152 Resp: 3908

Ion Ratio Lower Upper

152 100

115 51.4 28.8 86.5

150 144.5 0.0 348.8

