

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013983.D
 Acq On : 02 Jun 2023 12:36
 Operator : KP/MD
 Sample : 03002-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05B

Quant Time: Jun 03 04:59:01 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)

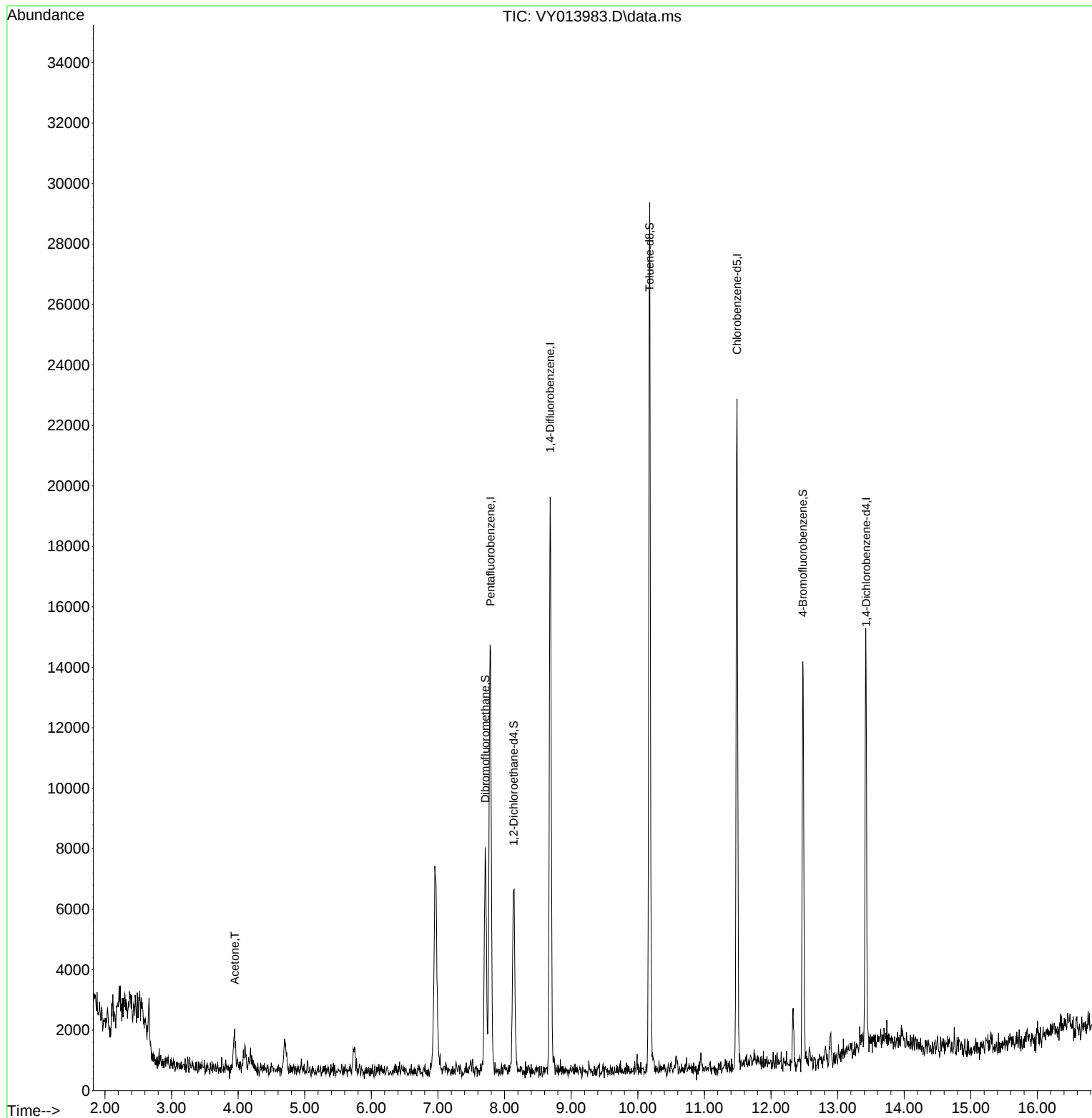
Internal Standards						
1) Pentafluorobenzene	7.789	168	11640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	5322	34.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.080%
35) Dibromofluoromethane	7.710	113	4905	48.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.179	98	18883	48.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.477	95	3981	30.150	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.300%
Target Compounds						
16) Acetone	3.948	43	2370	44.956	ug/l	Qvalue 90

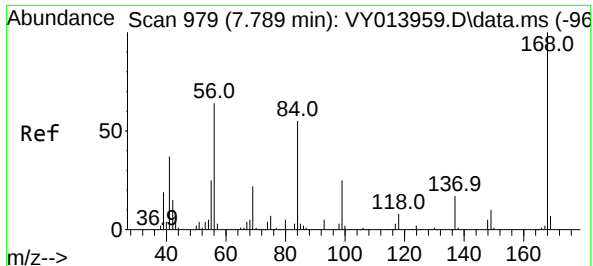
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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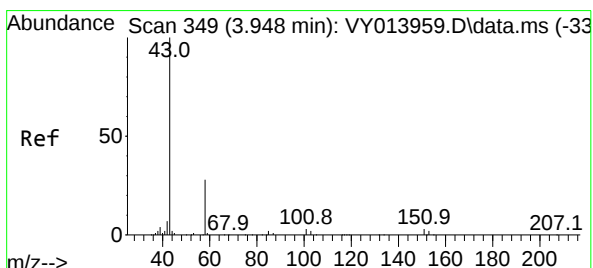
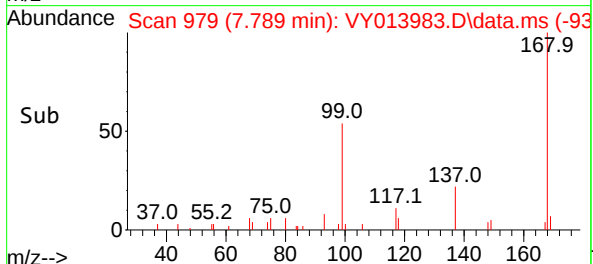
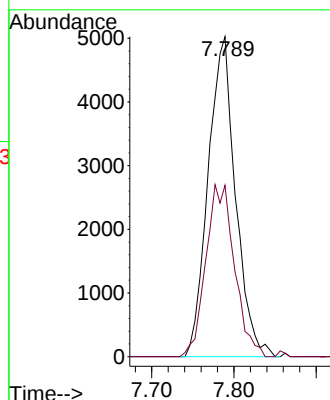
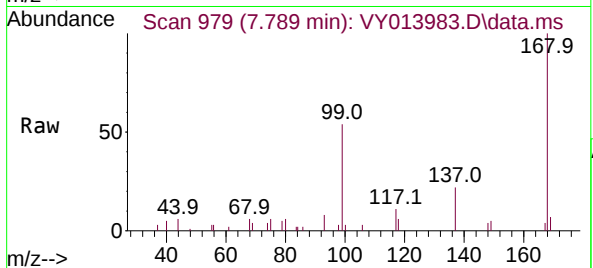




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013983.D
Acq: 02 Jun 2023 12:36

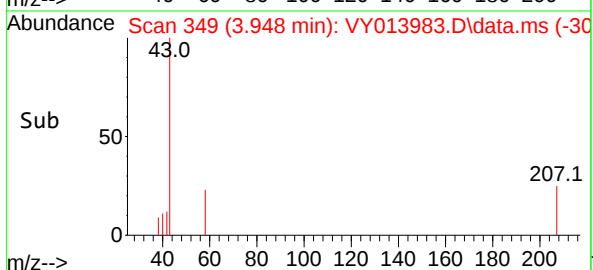
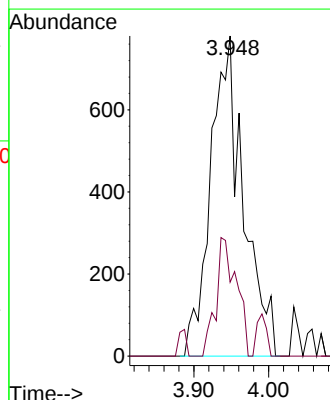
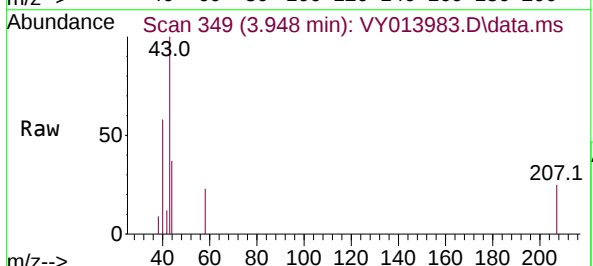
Instrument :
MSVOA_Y
ClientSampleId :
SB05B

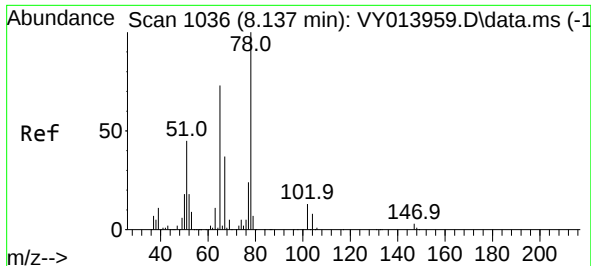
Tgt Ion:168 Resp: 11640
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 44.956 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013983.D
Acq: 02 Jun 2023 12:36

Tgt Ion: 43 Resp: 2370
Ion Ratio Lower Upper
43 100
58 23.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 34.539 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013983.D

Acq: 02 Jun 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

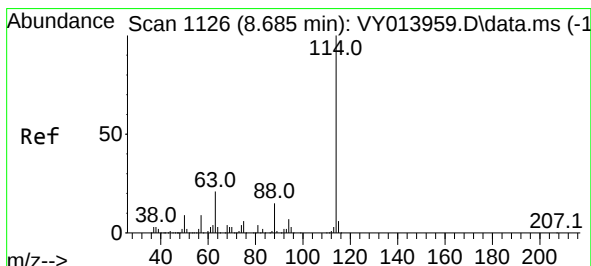
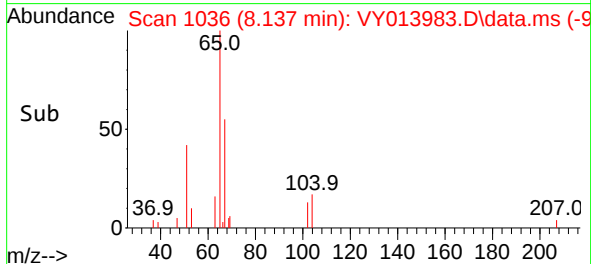
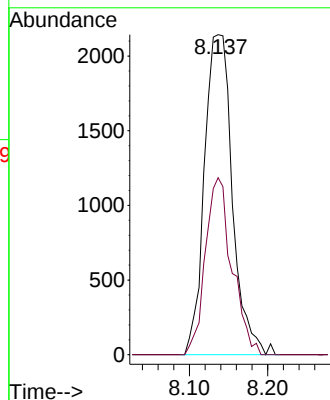
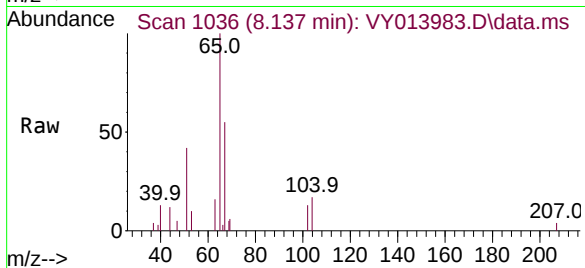
SB05B

Tgt Ion: 65 Resp: 5322

Ion Ratio Lower Upper

65 100

67 52.4 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: VY013983.D

Acq: 02 Jun 2023 12:36

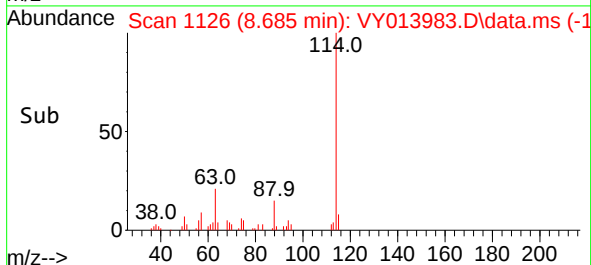
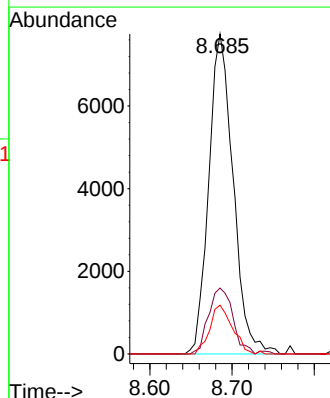
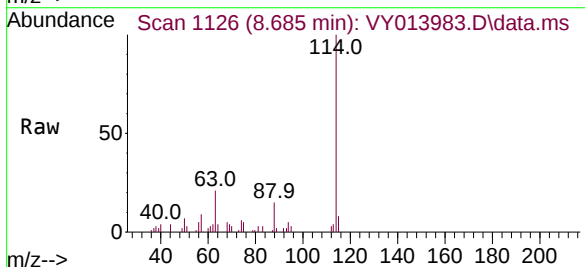
Tgt Ion: 114 Resp: 15977

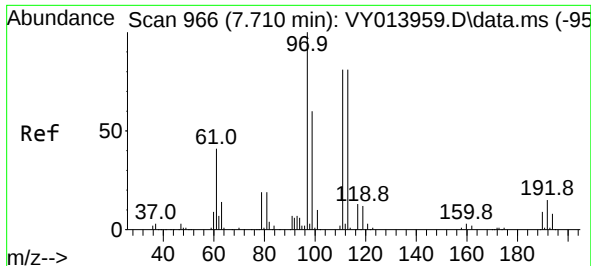
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.3 0.0 30.6

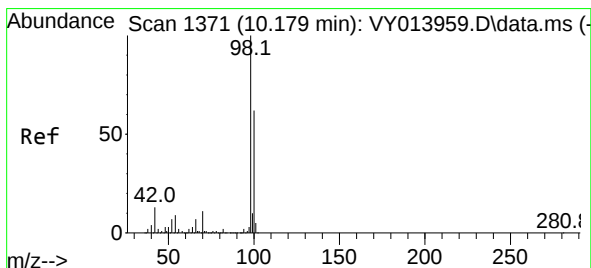
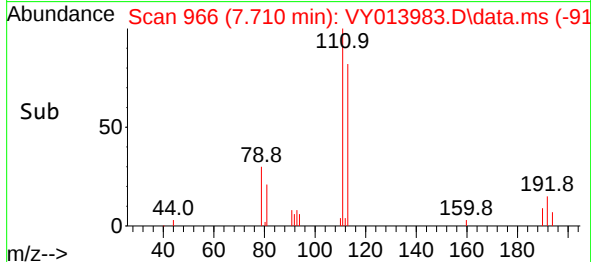
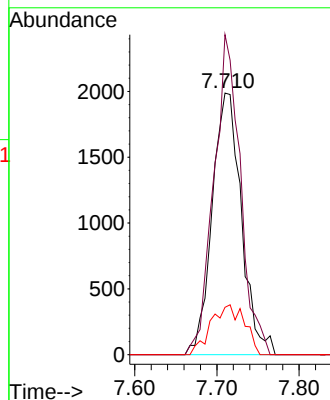
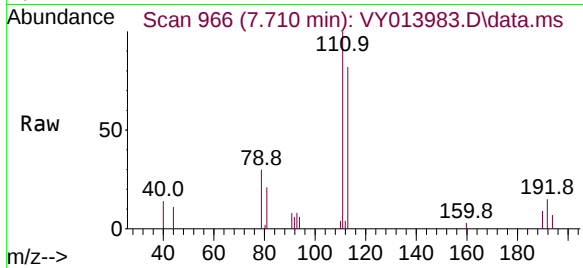




#35
Dibromofluoromethane
Concen: 48.308 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013983.D
Acq: 02 Jun 2023 12:36

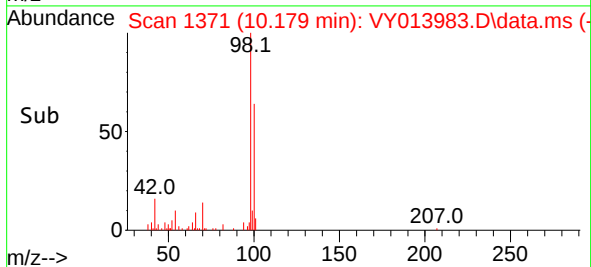
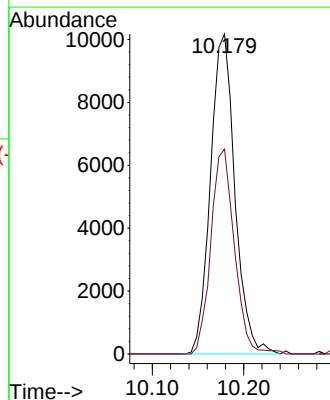
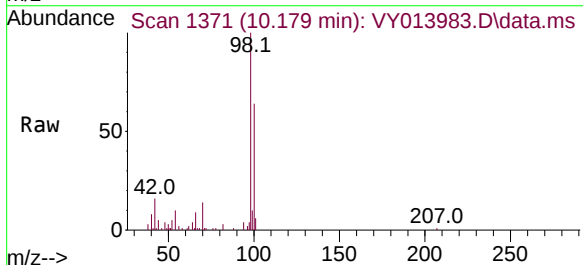
Instrument :
MSVOA_Y
ClientSampleId :
SB05B

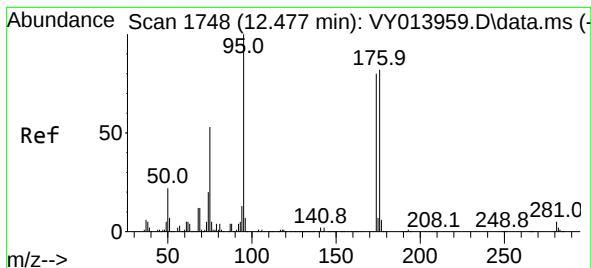
Tgt Ion:113 Resp: 4905
Ion Ratio Lower Upper
113 100
111 111.2 81.3 121.9
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 48.756 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013983.D
Acq: 02 Jun 2023 12:36

Tgt Ion: 98 Resp: 18883
Ion Ratio Lower Upper
98 100
100 61.7 50.1 75.1

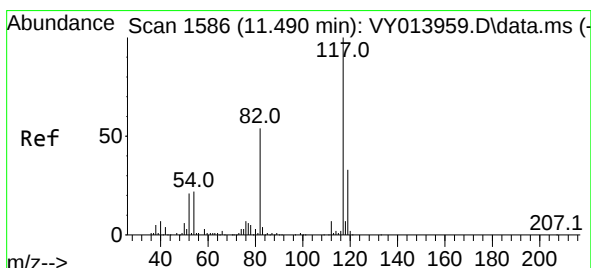
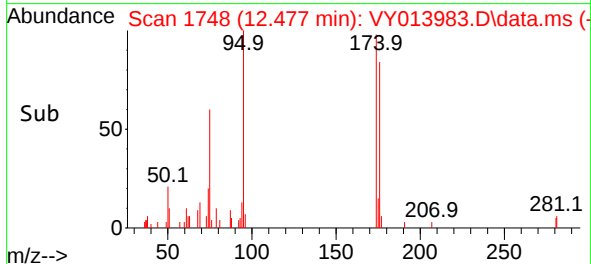
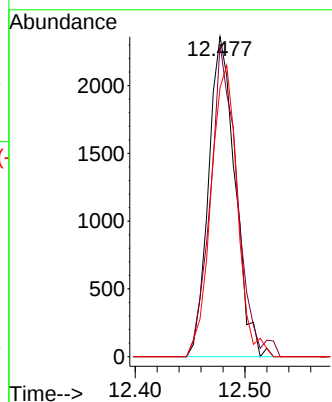
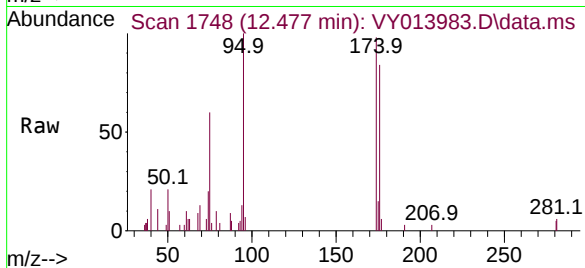




#62
4-Bromofluorobenzene
Concen: 30.150 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013983.D
Acq: 02 Jun 2023 12:36

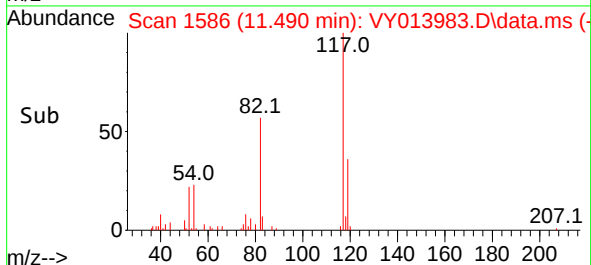
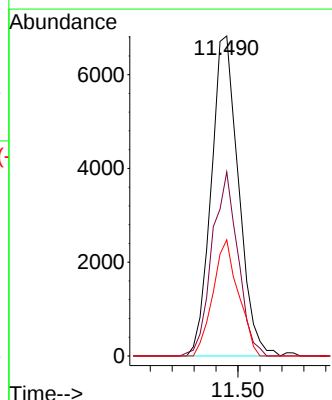
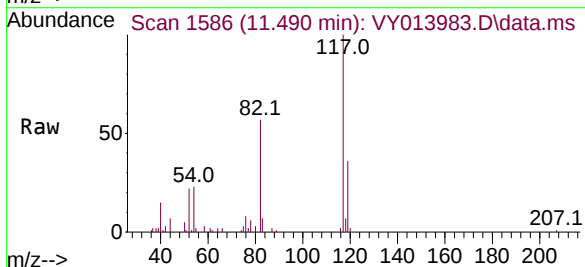
Instrument :
MSVOA_Y
ClientSampleId :
SB05B

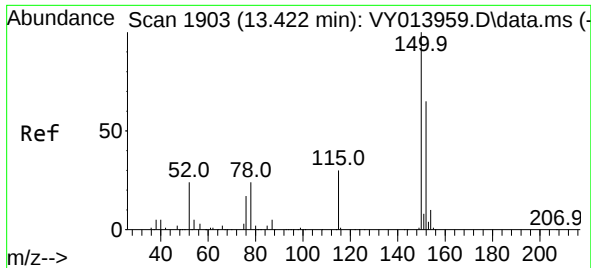
Tgt Ion: 95 Resp: 3981
Ion Ratio Lower Upper
95 100
174 98.4 0.0 178.2
176 90.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013983.D
Acq: 02 Jun 2023 12:36

Tgt Ion: 117 Resp: 11822
Ion Ratio Lower Upper
117 100
82 57.5 43.4 65.0
119 36.3 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: VY013983.D

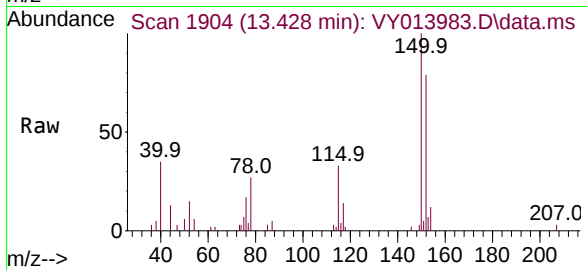
Acq: 02 Jun 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

SB05B



Tgt Ion:152 Resp: 3893

Ion Ratio Lower Upper

152 100

115 53.0 28.8 86.5

150 147.1 0.0 348.8

