

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014045.D
 Acq On : 06 Jun 2023 20:53
 Operator : KP/MD
 Sample : 03044-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.0-7.0

Quant Time: Jun 07 01:43:45 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)

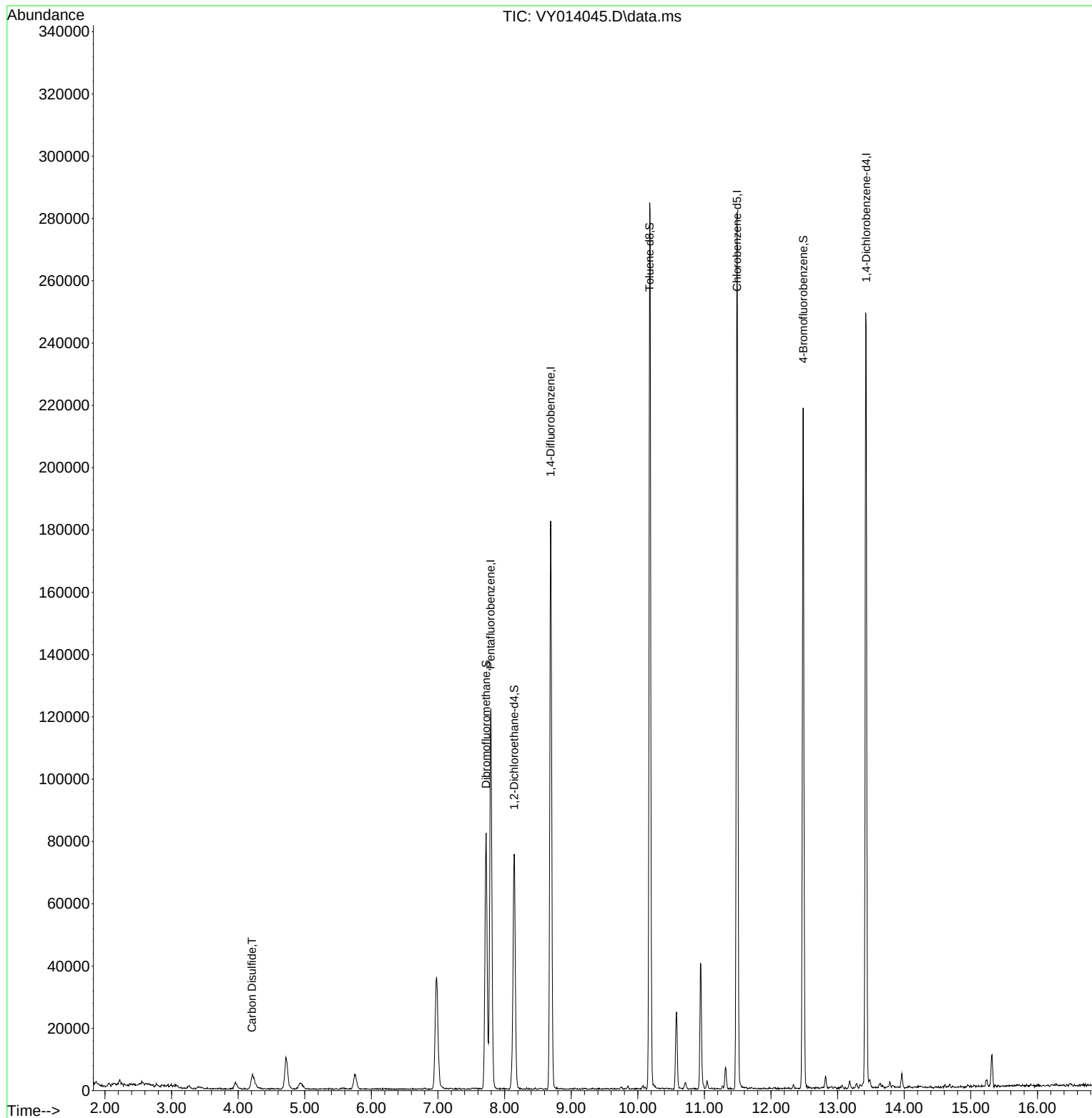
Internal Standards						
1) Pentafluorobenzene	7.789	168	93244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	152296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60880	49.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.722	113	54184	56.366	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.740%
50) Toluene-d8	10.179	98	187680	51.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.483	95	56688	45.348	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.700%
Target Compounds						
17) Carbon Disulfide	4.204	76	3051	1.007	ug/l	# 94

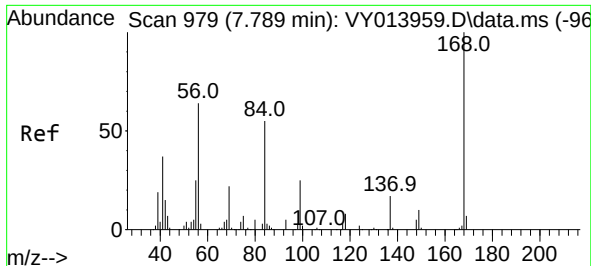
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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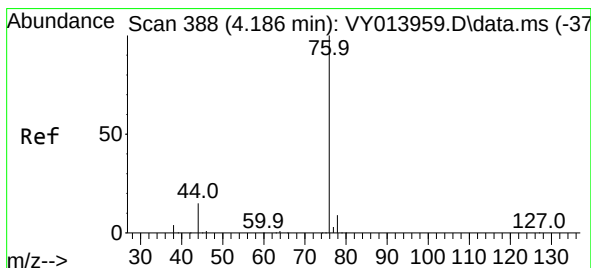
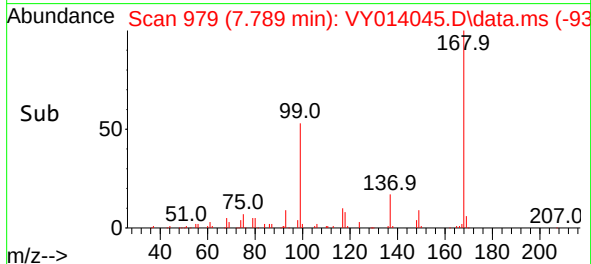
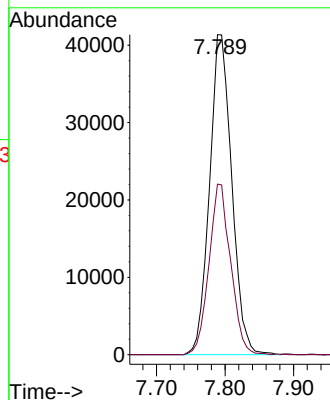
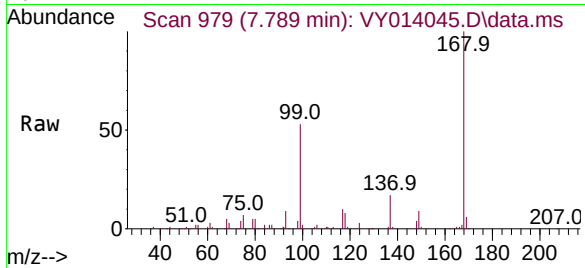




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014045.D
Acq: 06 Jun 2023 20:53

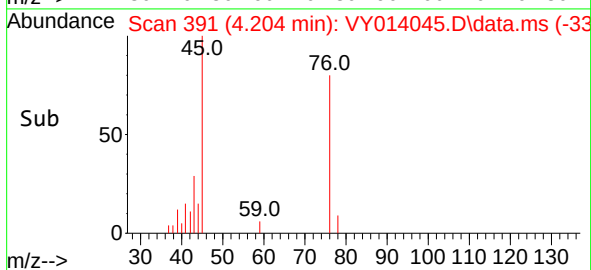
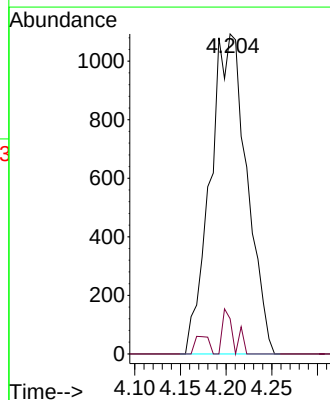
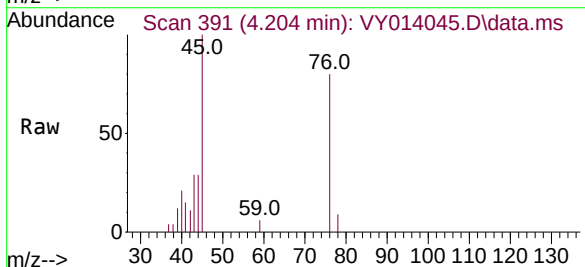
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0

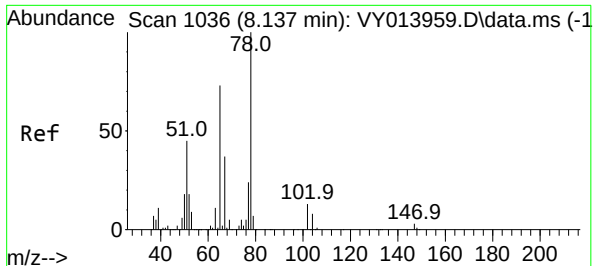
Tgt Ion:168 Resp: 93244
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#17
Carbon Disulfide
Concen: 1.007 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY014045.D
Acq: 06 Jun 2023 20:53

Tgt Ion: 76 Resp: 3051
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.4#





#33

1,2-Dichloroethane-d4

Concen: 49.322 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014045.D

Acq: 06 Jun 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

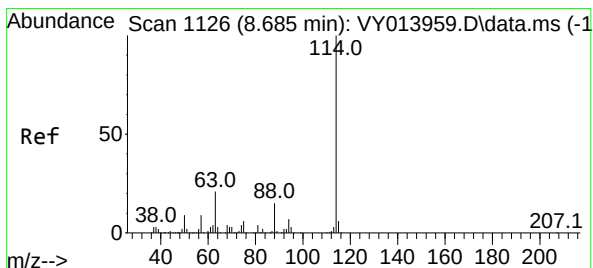
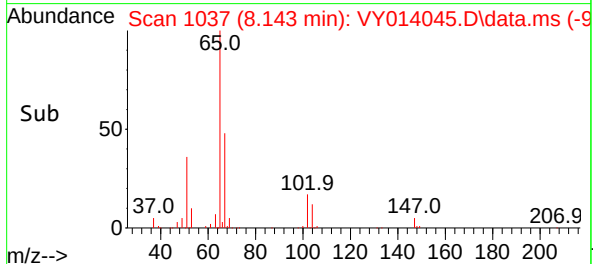
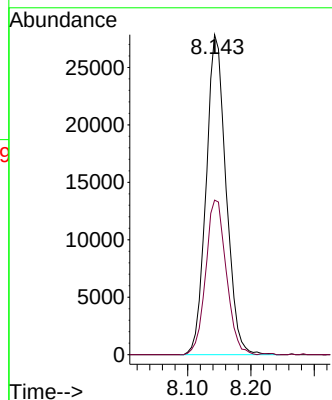
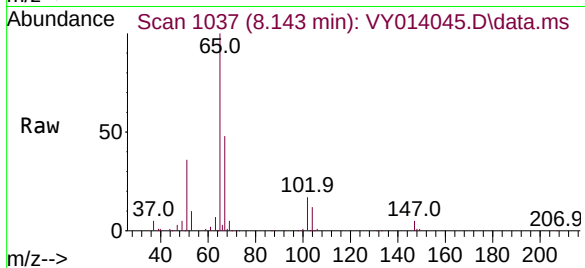
SB-04-5.0-7.0

Tgt Ion: 65 Resp: 60880

Ion Ratio Lower Upper

65 100

67 49.9 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: VY014045.D

Acq: 06 Jun 2023 20:53

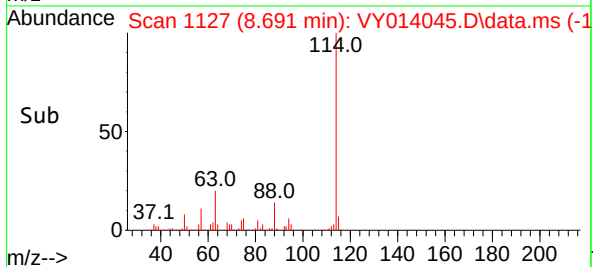
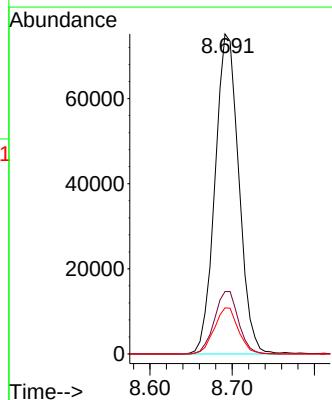
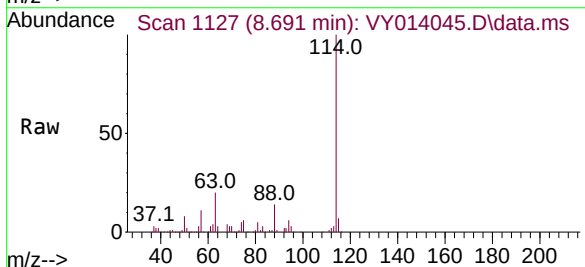
Tgt Ion: 114 Resp: 151262

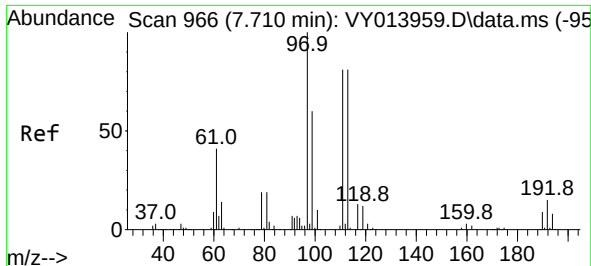
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.4 0.0 30.6

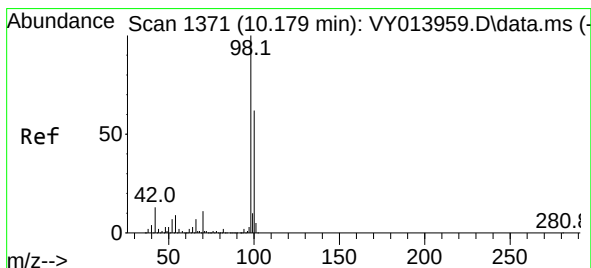
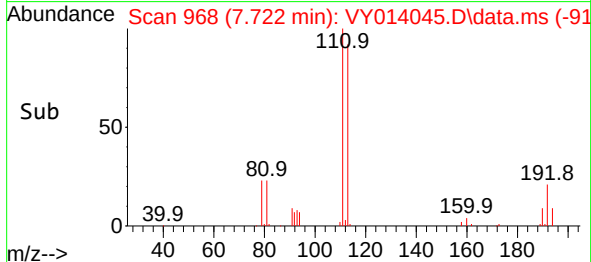
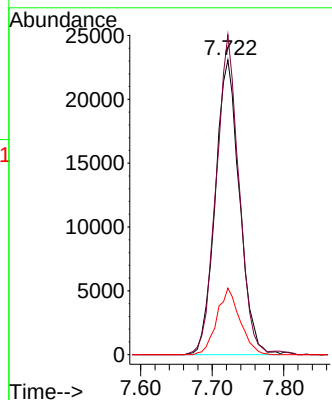
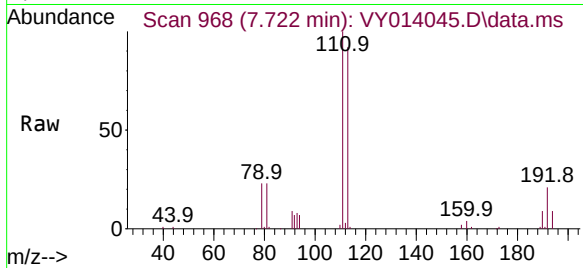




#35
Dibromofluoromethane
Concen: 56.366 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY014045.D
Acq: 06 Jun 2023 20:53

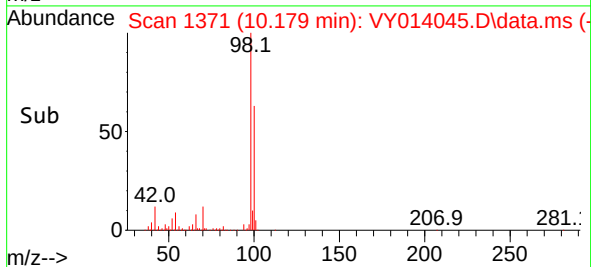
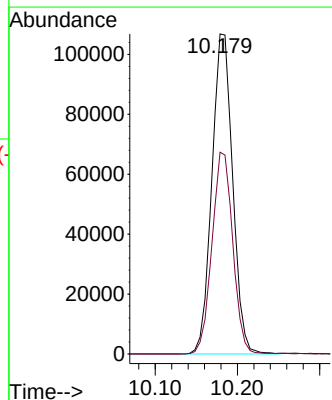
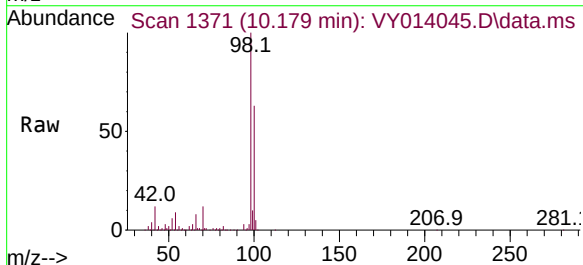
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0

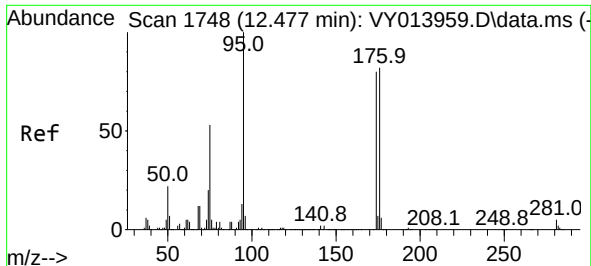
Tgt Ion:113 Resp: 54184
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.5 16.9 25.3



#50
Toluene-d8
Concen: 51.184 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014045.D
Acq: 06 Jun 2023 20:53

Tgt Ion: 98 Resp: 187680
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1

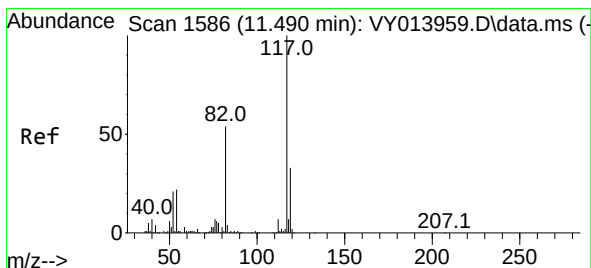
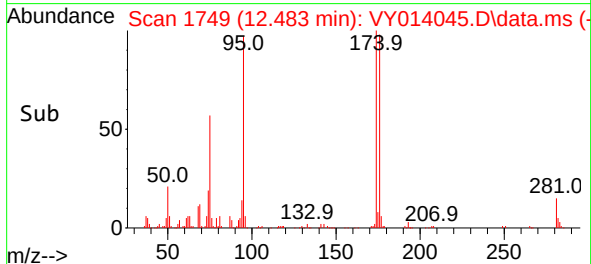
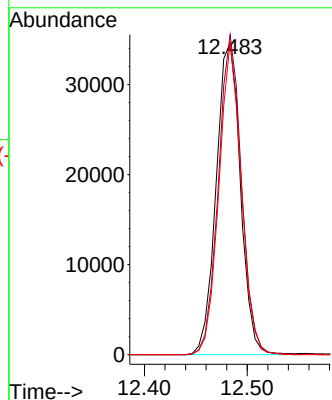
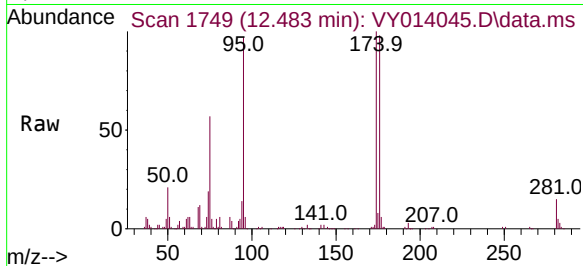




#62
4-Bromofluorobenzene
Concen: 45.348 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014045.D
Acq: 06 Jun 2023 20:53

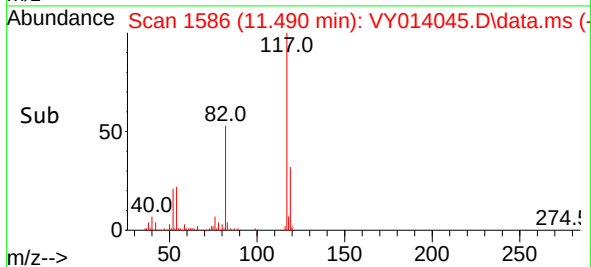
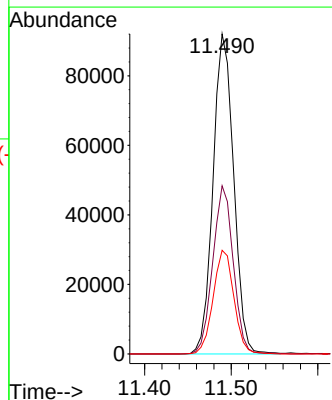
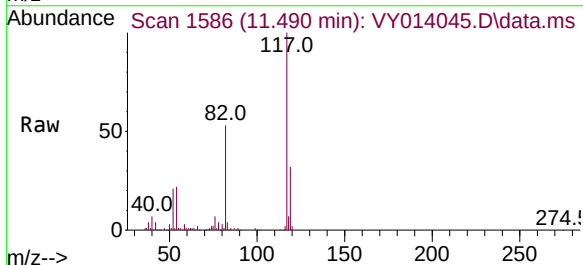
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0

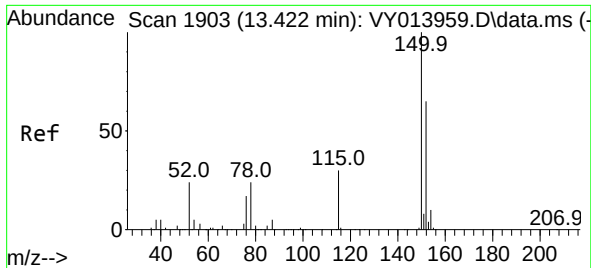
Tgt Ion: 95 Resp: 56688
Ion Ratio Lower Upper
95 100
174 97.6 0.0 178.2
176 92.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014045.D
Acq: 06 Jun 2023 20:53

Tgt Ion: 117 Resp: 152296
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.4 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: VY014045.D

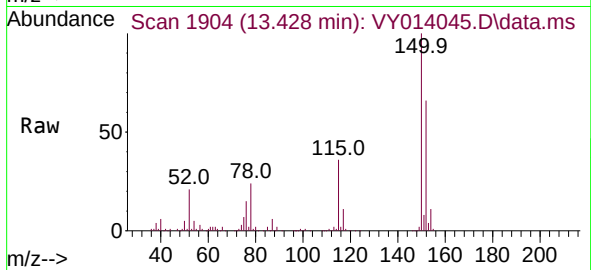
Acq: 06 Jun 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-5.0-7.0



Tgt Ion:152 Resp: 67404

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 154.9 0.0 348.8

