

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013971.D
 Acq On : 01 Jun 2023 18:02
 Operator : KP/MD
 Sample : 02983-06RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB24B

Quant Time: Jun 02 07:28:54 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)

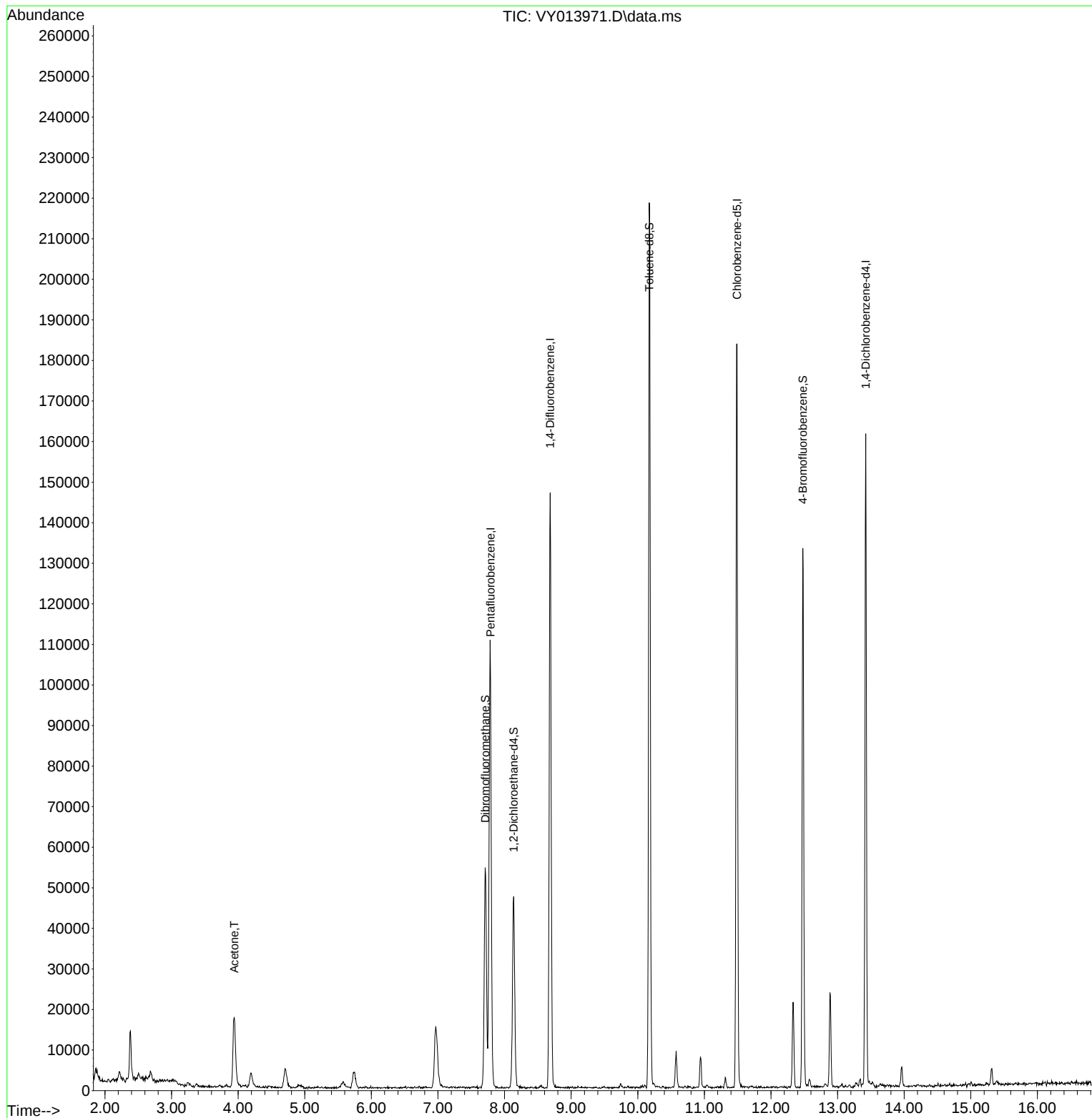
Internal Standards						
1) Pentafluorobenzene	7.789	168	84632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	121256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	38593	34.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.900%
35) Dibromofluoromethane	7.710	113	37012	48.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.173	98	144806	49.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.477	95	37053	36.976	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.960%
Target Compounds						
16) Acetone	3.942	43	31821	83.018	ug/l	Qvalue 93

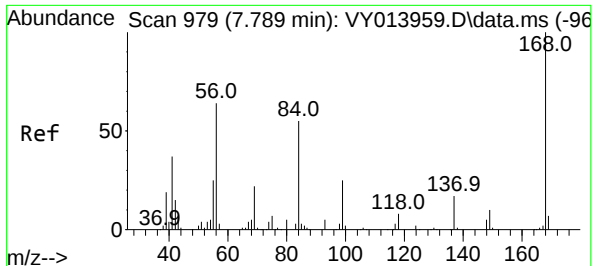
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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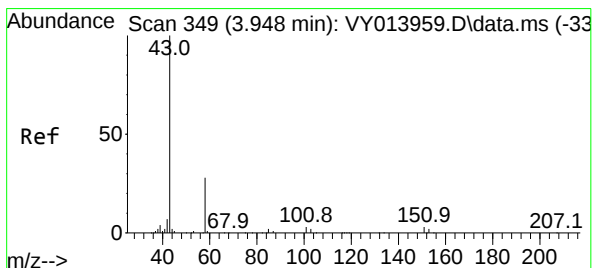
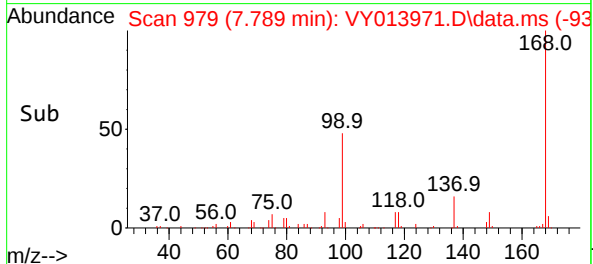
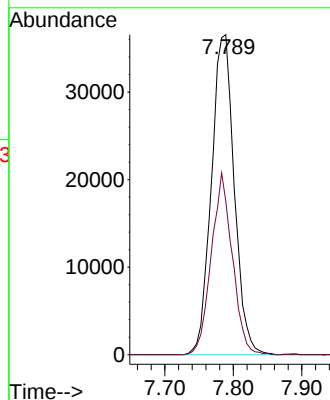
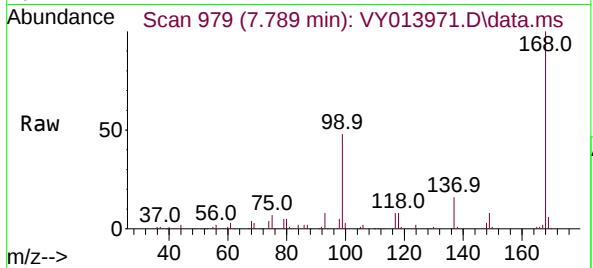




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013971.D
Acq: 01 Jun 2023 18:02

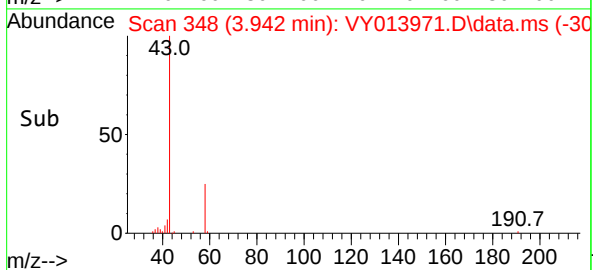
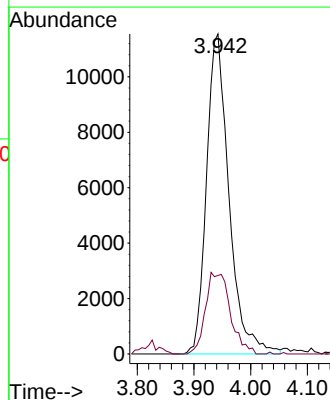
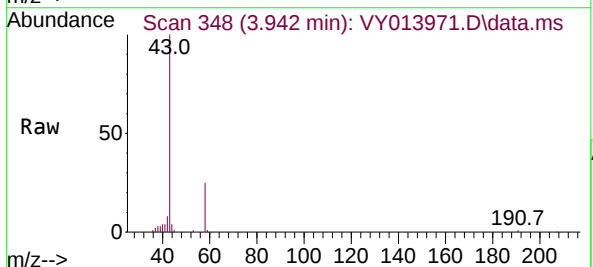
Instrument :
MSVOA_Y
ClientSampleId :
SB24B

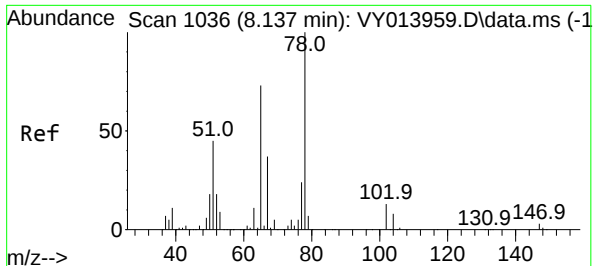
Tgt Ion:168 Resp: 84632
Ion Ratio Lower Upper
168 100
99 47.9 43.4 65.0



#16
Acetone
Concen: 83.018 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013971.D
Acq: 01 Jun 2023 18:02

Tgt Ion: 43 Resp: 31821
Ion Ratio Lower Upper
43 100
58 24.6 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 34.448 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013971.D

Acq: 01 Jun 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

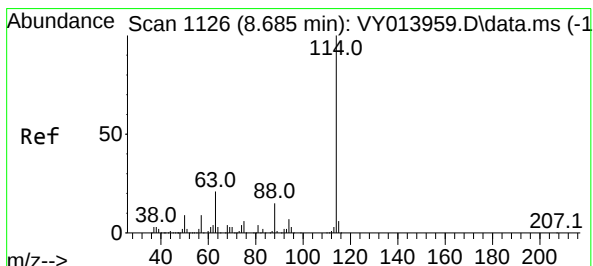
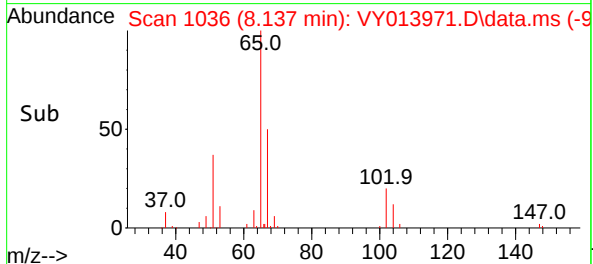
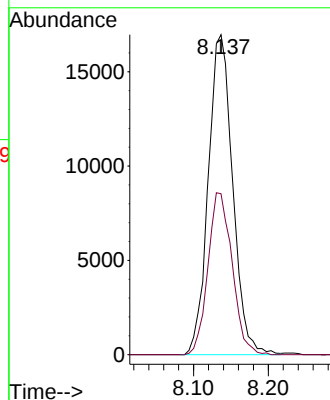
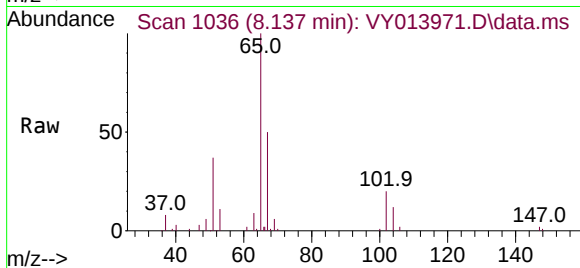
SB24B

Tgt Ion: 65 Resp: 38593

Ion Ratio Lower Upper

65 100

67 50.0 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: VY013971.D

Acq: 01 Jun 2023 18:02

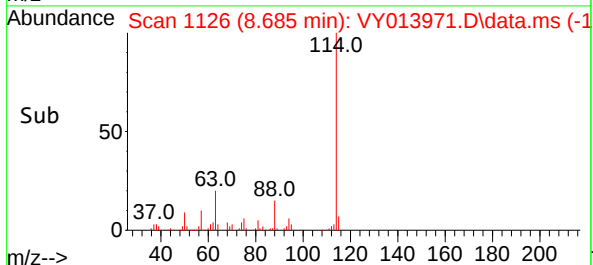
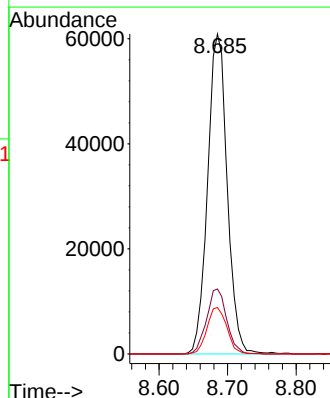
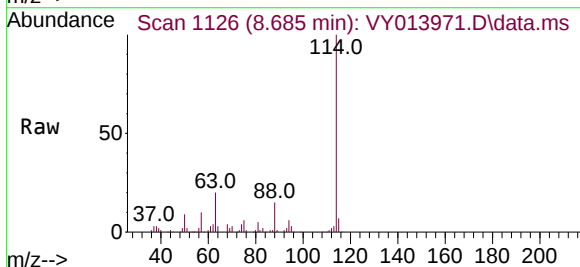
Tgt Ion: 114 Resp: 121256

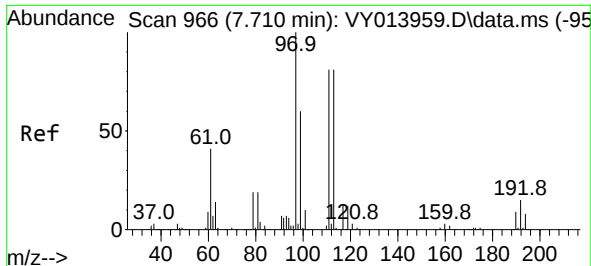
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.5 0.0 30.6

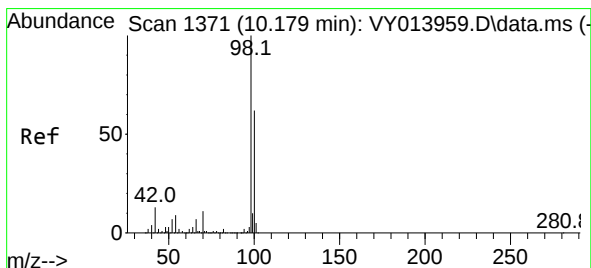
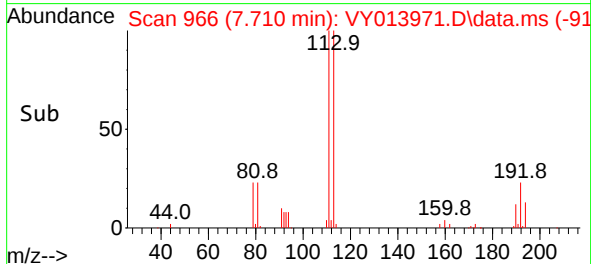
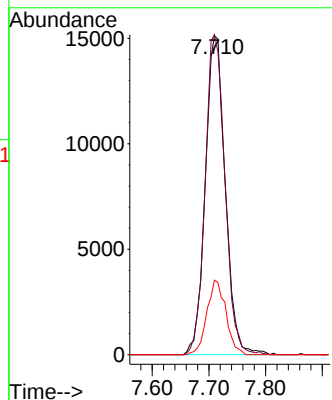
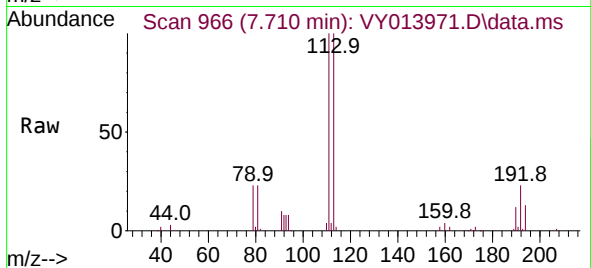




#35
Dibromofluoromethane
Concen: 48.030 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013971.D
Acq: 01 Jun 2023 18:02

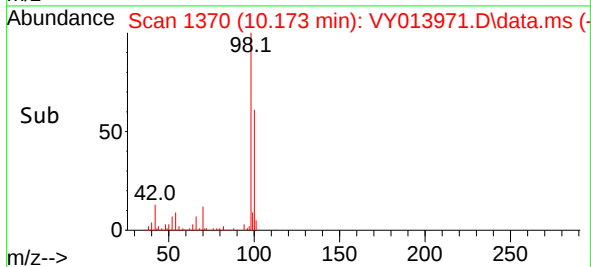
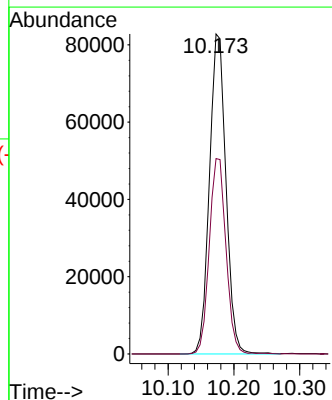
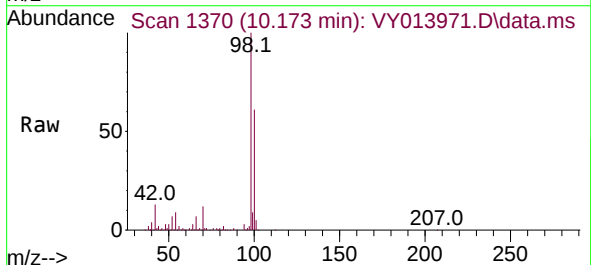
Instrument :
MSVOA_Y
ClientSampleId :
SB24B

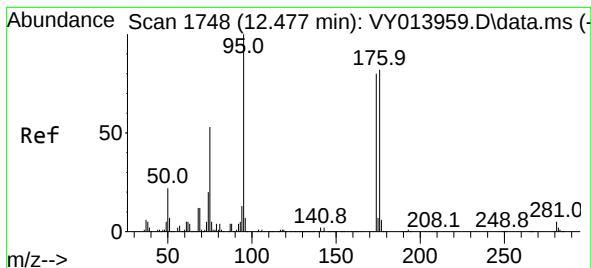
Tgt Ion:113 Resp: 37012
Ion Ratio Lower Upper
113 100
111 99.4 81.3 121.9
192 22.2 16.9 25.3



#50
Toluene-d8
Concen: 49.264 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013971.D
Acq: 01 Jun 2023 18:02

Tgt Ion: 98 Resp: 144806
Ion Ratio Lower Upper
98 100
100 61.7 50.1 75.1

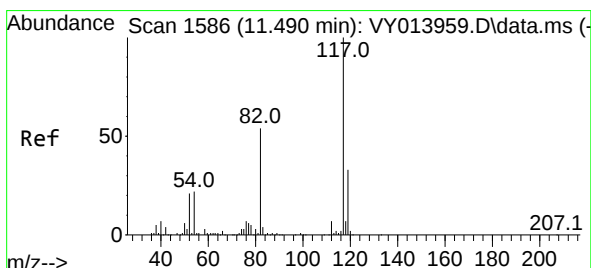
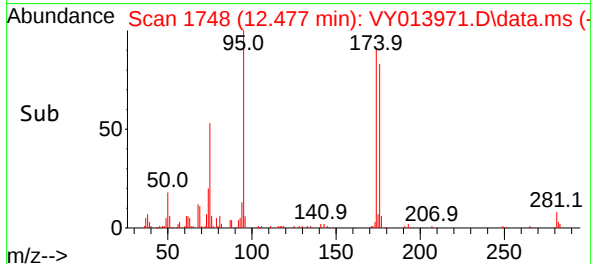
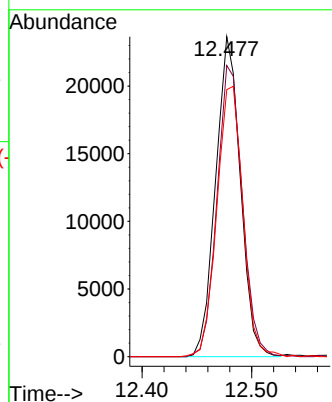
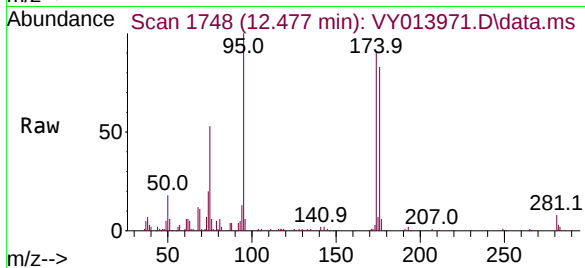




#62
4-Bromofluorobenzene
Concen: 36.976 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013971.D
Acq: 01 Jun 2023 18:02

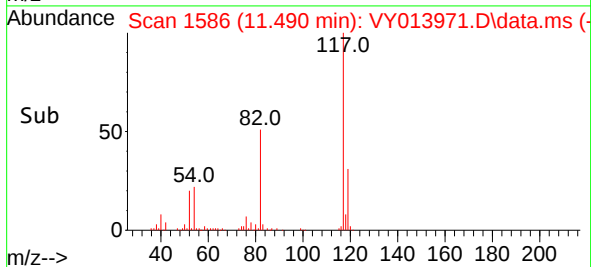
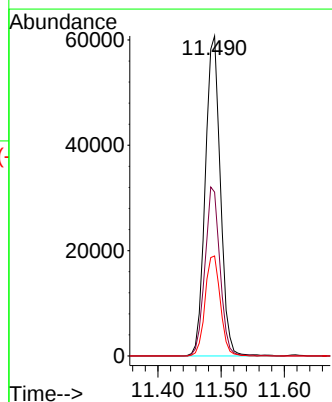
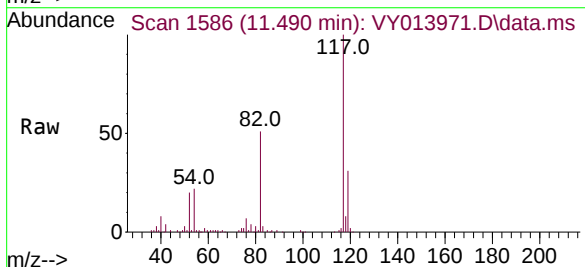
Instrument :
MSVOA_Y
ClientSampleId :
SB24B

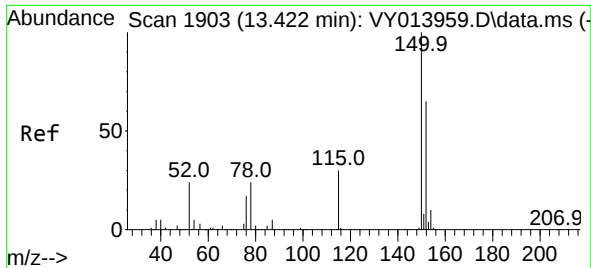
Tgt Ion: 95 Resp: 37053
Ion Ratio Lower Upper
95 100
174 93.4 0.0 178.2
176 89.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013971.D
Acq: 01 Jun 2023 18:02

Tgt Ion: 117 Resp: 101021
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 31.3 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: VY013971.D

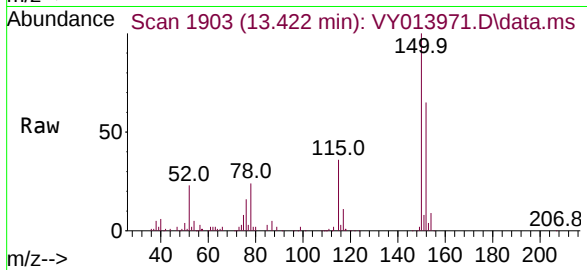
Acq: 01 Jun 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

SB24B



Tgt Ion:152 Resp: 41034

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 158.5 0.0 348.8

