

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013848.D
 Acq On : 24 May 2023 15:58
 Operator : KP/MD
 Sample : 02899-06RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB08RE

Quant Time: May 25 07:09:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

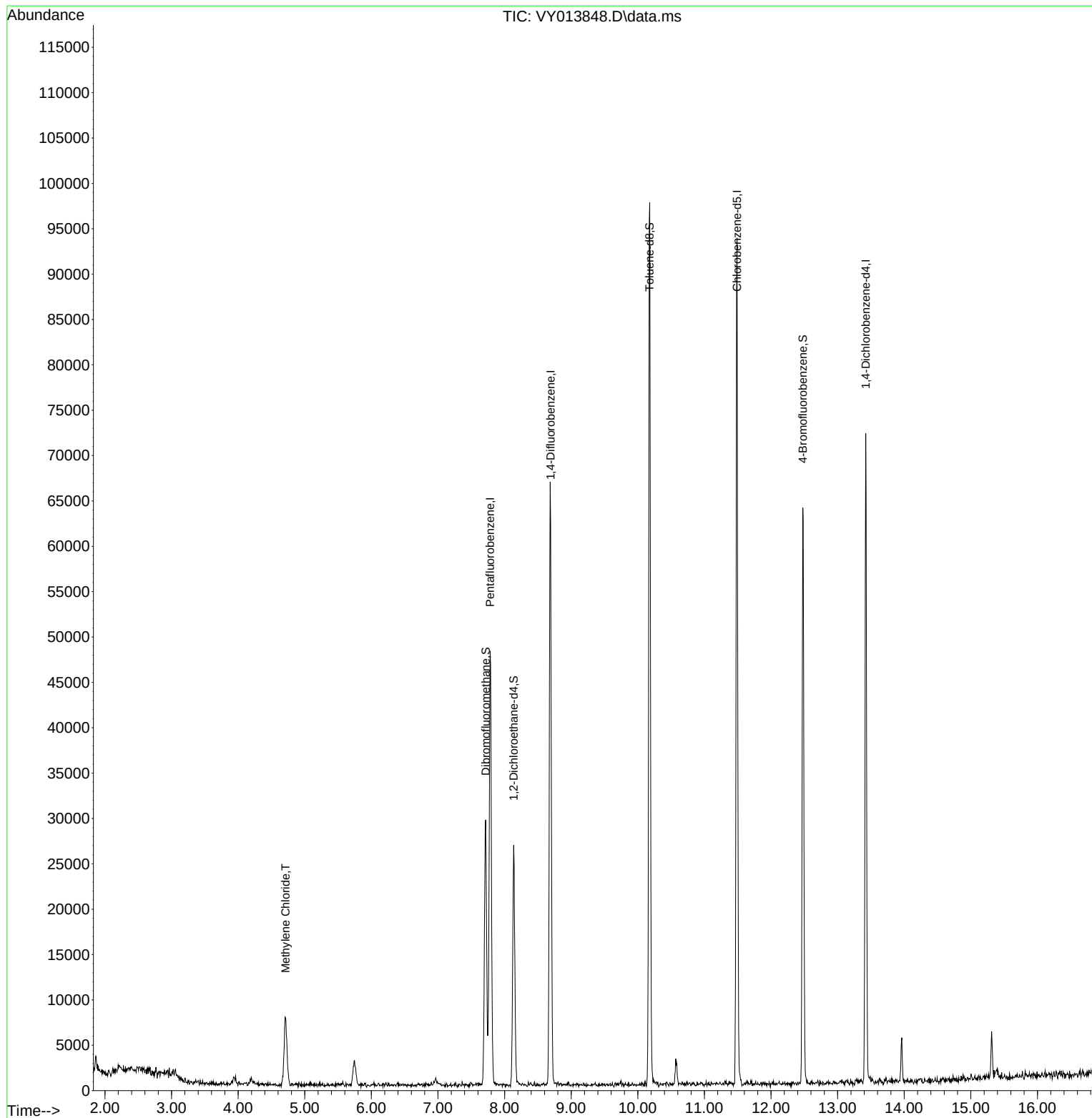
Internal Standards						
1) Pentafluorobenzene	7.783	168	37833	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	56190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	50096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20852	47.641	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.280%
35) Dibromofluoromethane	7.716	113	19540	53.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.700%
50) Toluene-d8	10.179	98	66185	47.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.477	95	17363	37.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.740%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	5397	9.668	ug/l #	72

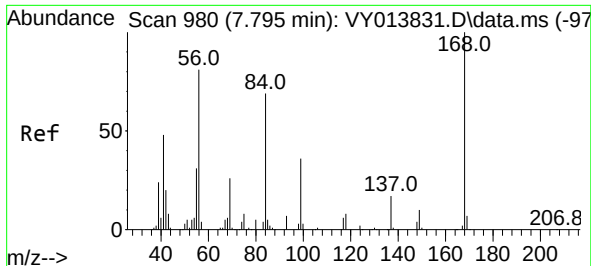
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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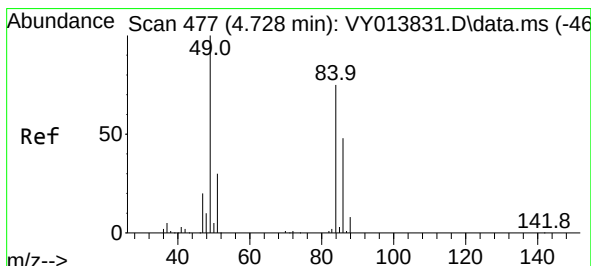
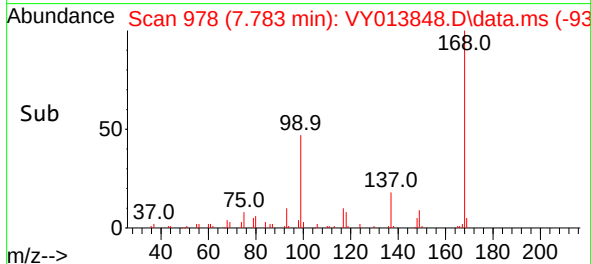
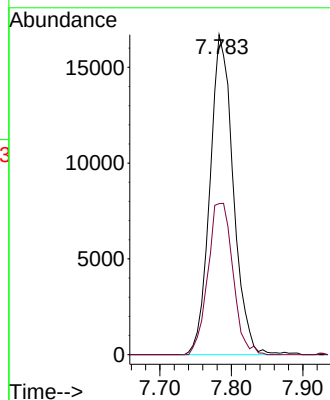
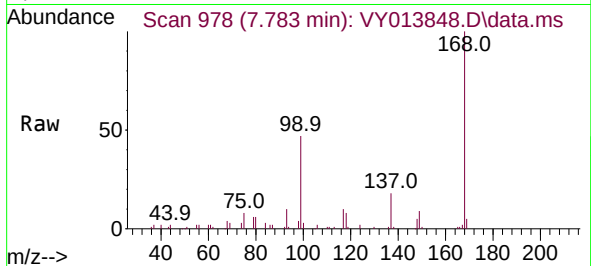




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

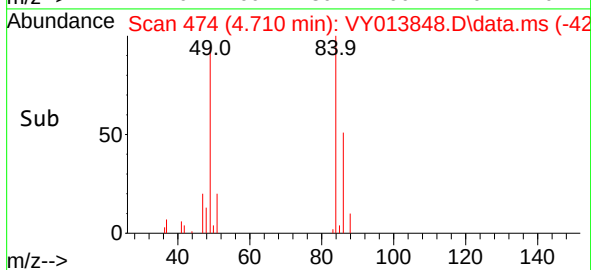
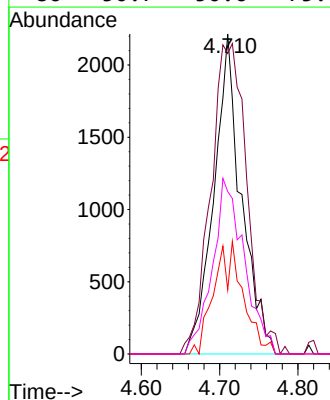
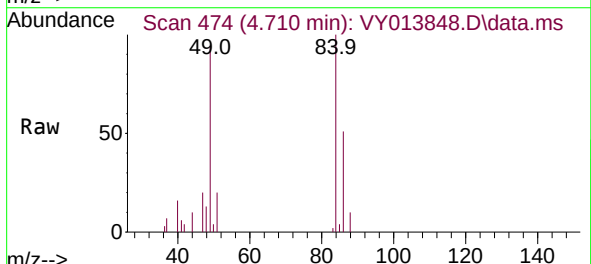
Instrument :
MSVOA_Y
ClientSampleId :
SB08RE

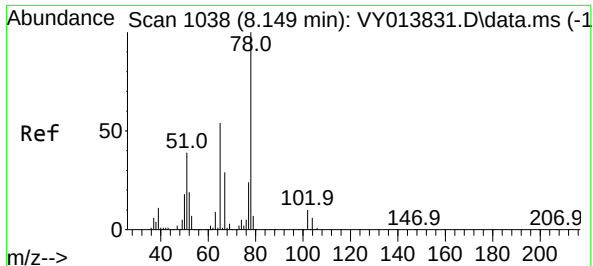
Tgt Ion:168 Resp: 37833
Ion Ratio Lower Upper
168 100
99 47.2 43.4 65.2



#20
Methylene Chloride
Concen: 9.668 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 84 Resp: 5397
Ion Ratio Lower Upper
84 100
49 93.9 106.2 159.2#
51 20.1 31.4 47.0#
86 50.7 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 47.641 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY013848.D

Acq: 24 May 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

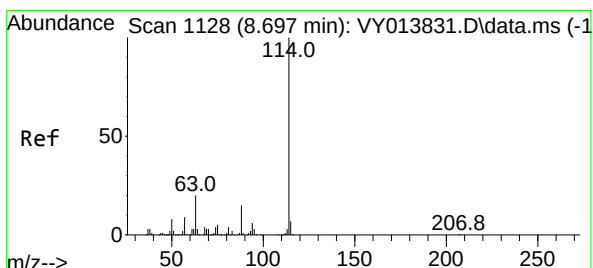
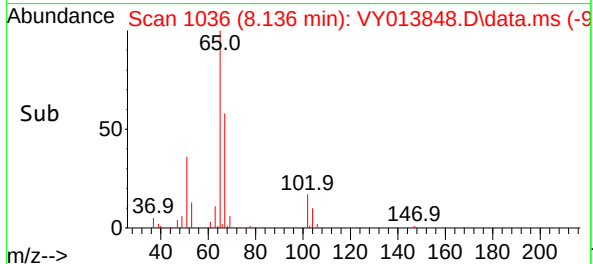
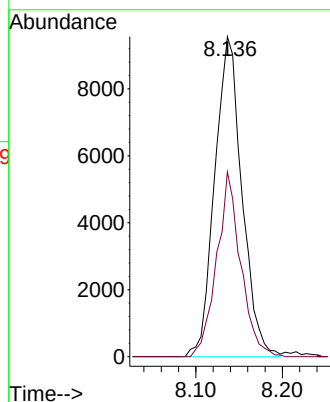
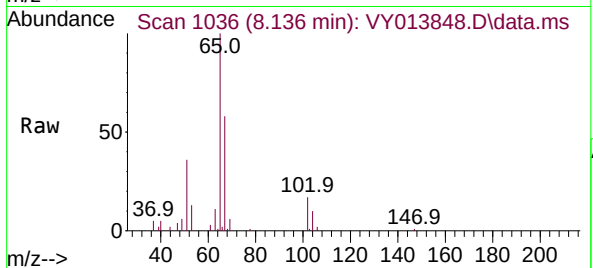
SB08RE

Tgt Ion: 65 Resp: 20852

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013848.D

Acq: 24 May 2023 15:58

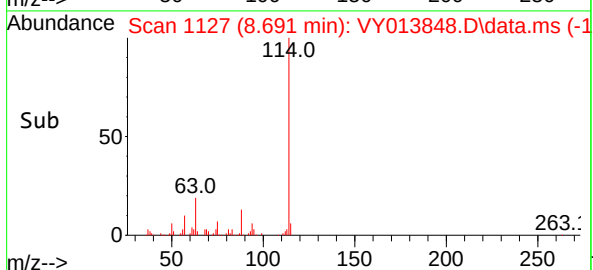
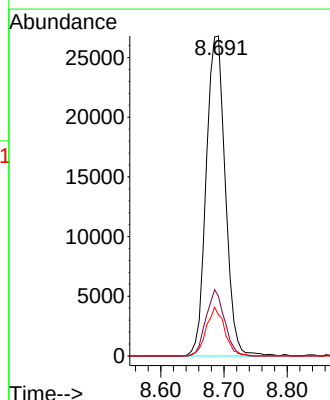
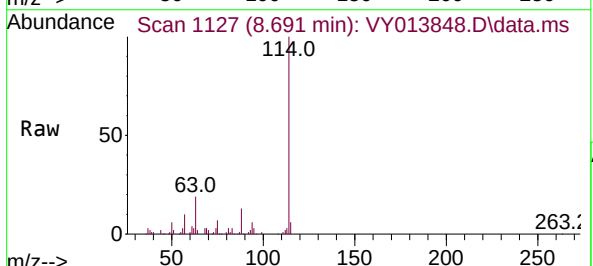
Tgt Ion: 114 Resp: 56190

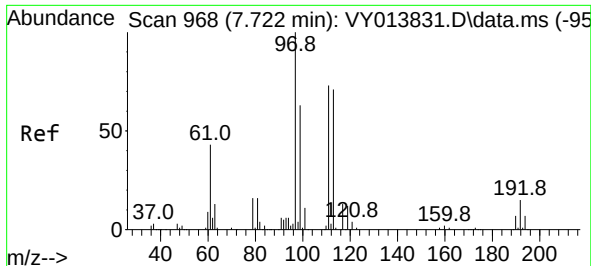
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

88 12.9 0.0 30.0

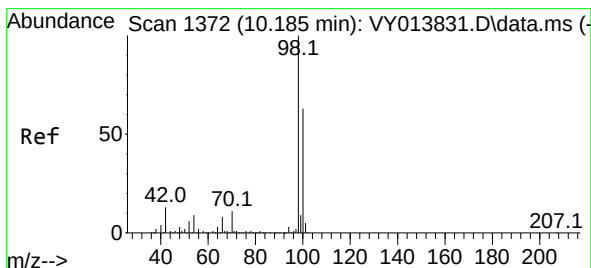
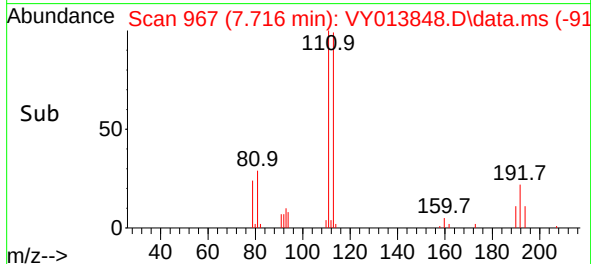
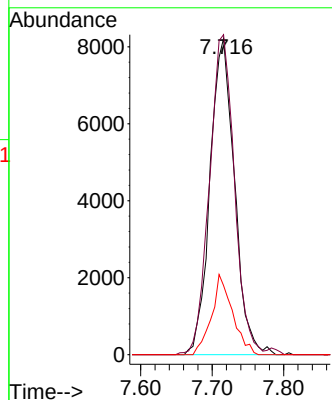
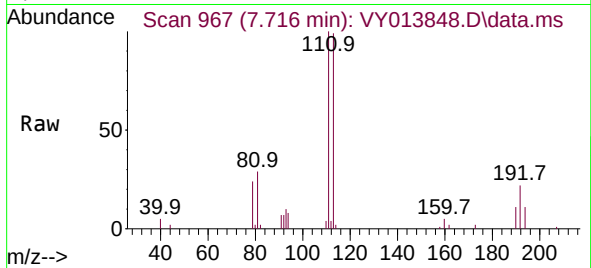




#35
Dibromofluoromethane
Concen: 53.847 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

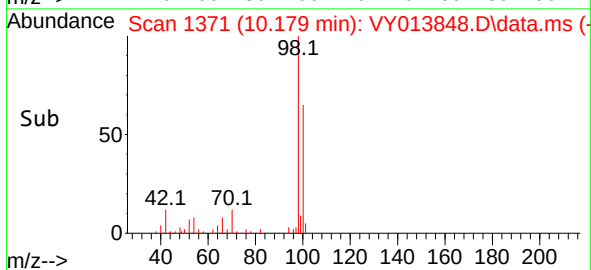
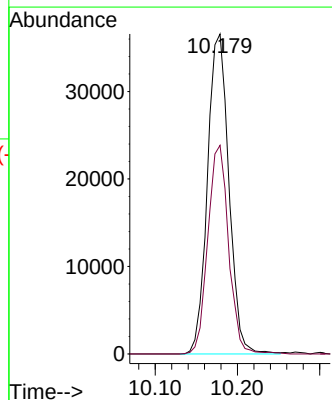
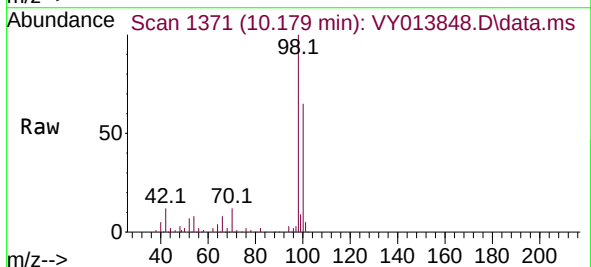
Instrument :
MSVOA_Y
ClientSampleId :
SB08RE

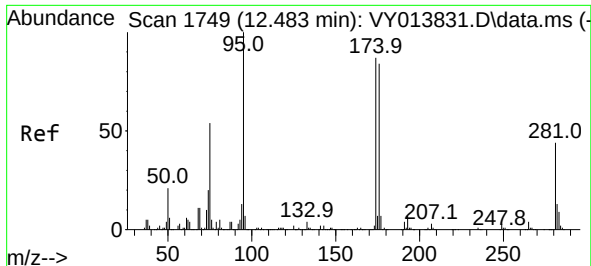
Tgt Ion:113 Resp: 19540
Ion Ratio Lower Upper
113 100
111 103.2 80.4 120.6
192 21.7 16.6 25.0



#50
Toluene-d8
Concen: 47.989 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 98 Resp: 66185
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2

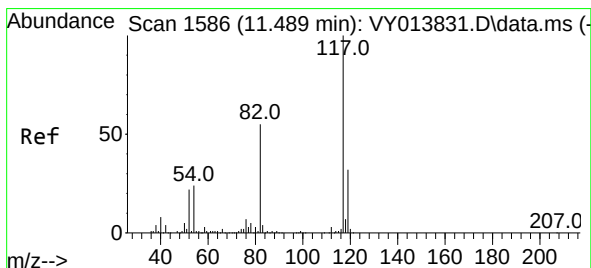
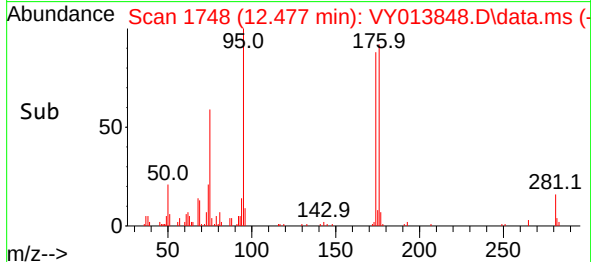
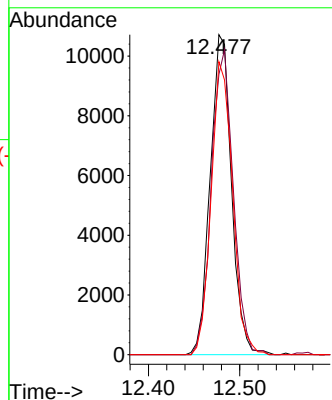
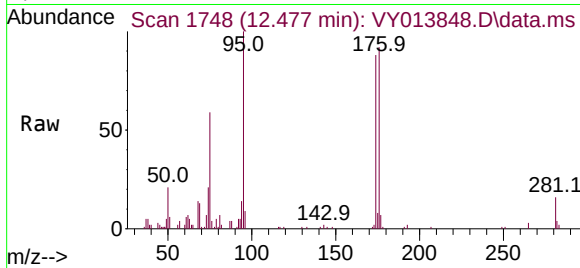




#62
4-Bromofluorobenzene
Concen: 37.874 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

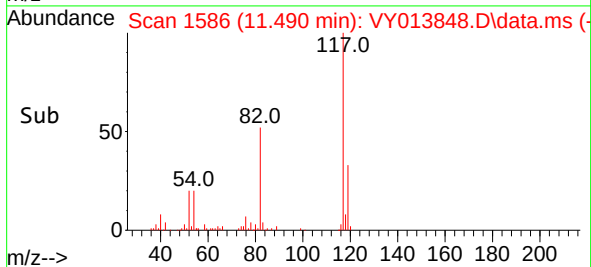
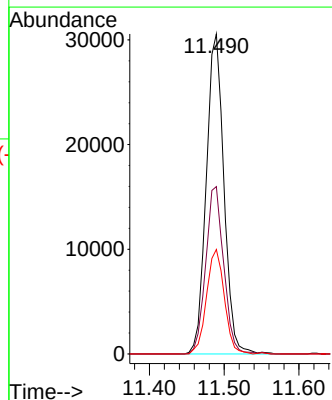
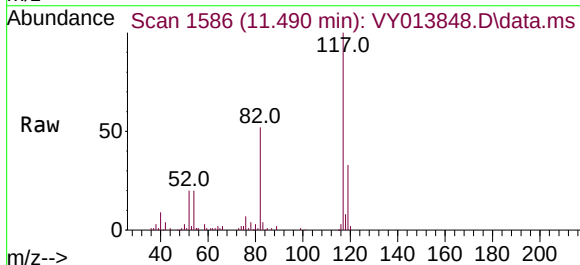
Instrument :
MSVOA_Y
ClientSampleId :
SB08RE

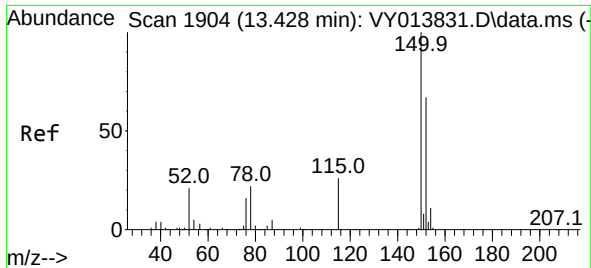
Tgt Ion: 95 Resp: 17363
Ion Ratio Lower Upper
95 100
174 98.1 0.0 176.0
176 92.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 117 Resp: 50096
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.4
119 32.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013848.D

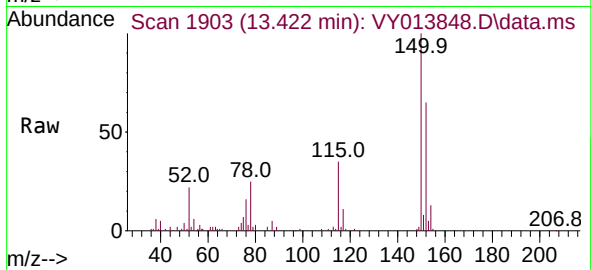
Acq: 24 May 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB08RE



Tgt Ion:152 Resp: 18811

Ion Ratio Lower Upper

152 100

115 53.6 28.8 86.5

150 160.7 0.0 353.4

