

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013805.D
 Acq On : 18 May 2023 17:16
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 19 03:22:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

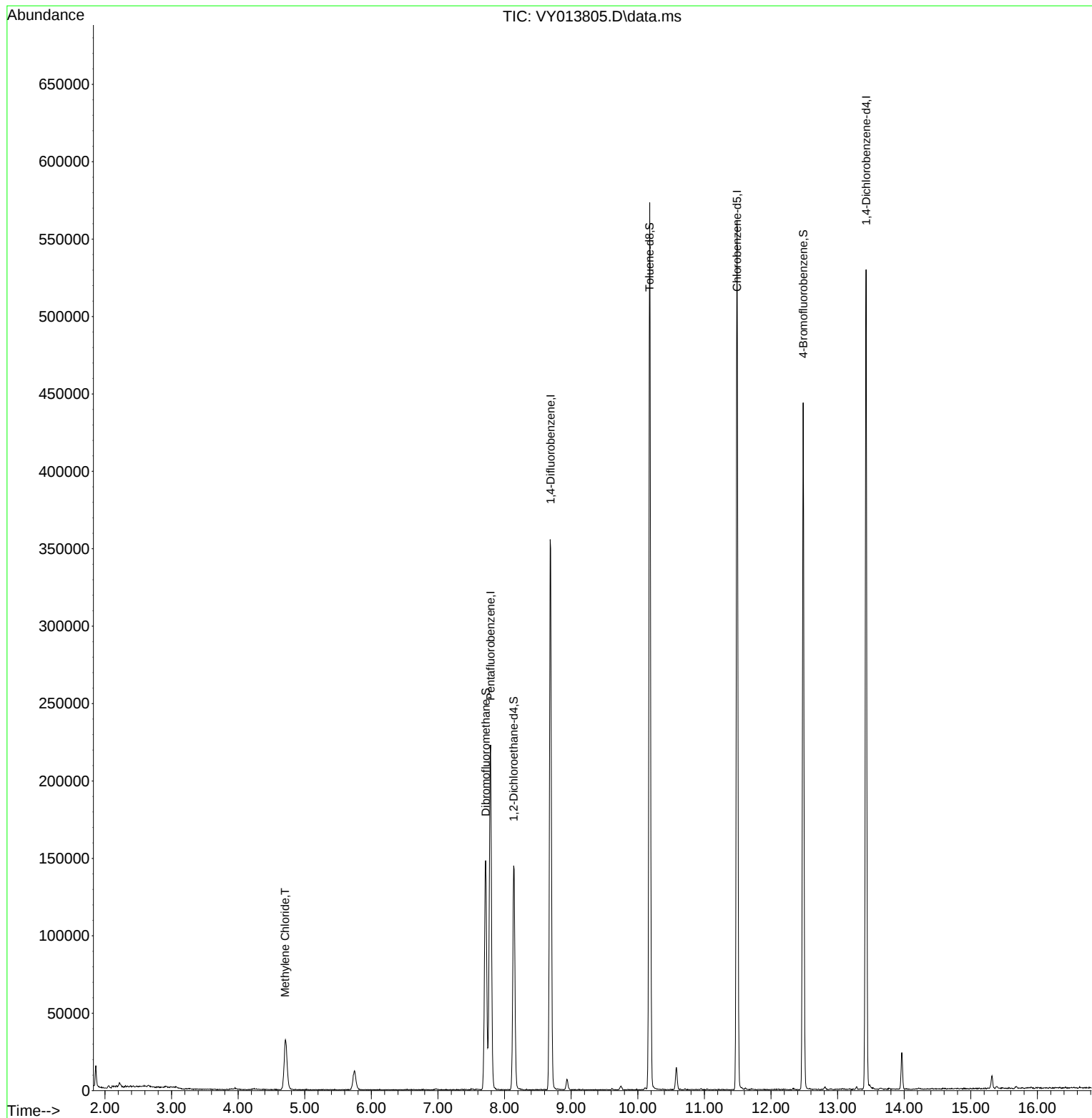
Internal Standards						
1) Pentafluorobenzene	7.789	168	172841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117818	58.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.360%
35) Dibromofluoromethane	7.716	113	101816	53.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.900%
50) Toluene-d8	10.179	98	361288	50.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.483	95	117990	49.646	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.300%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	23858	7.896	ug/l	90

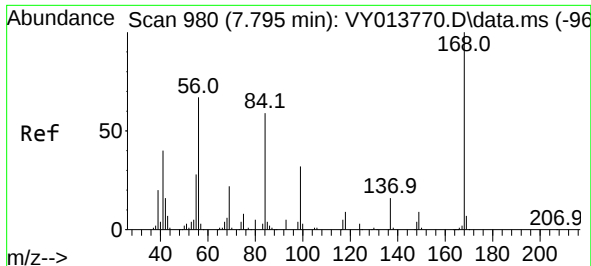
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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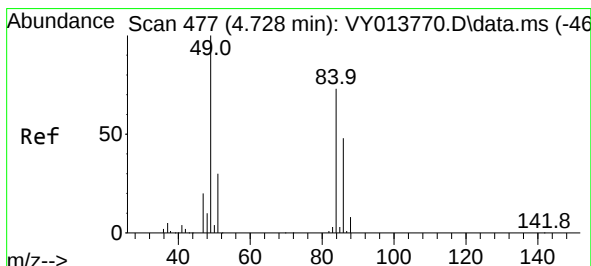
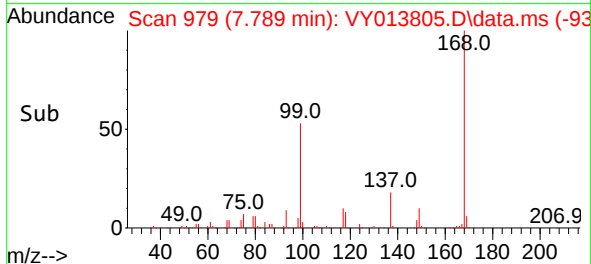
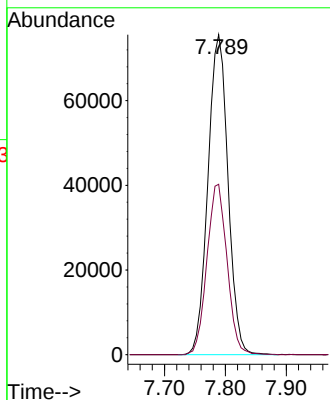
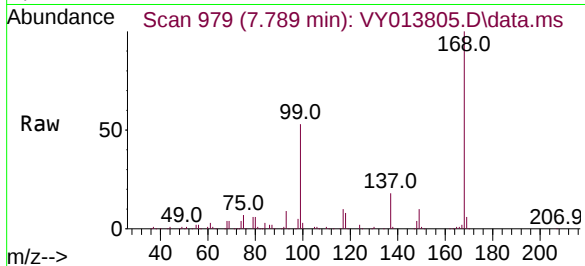




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013805.D
Acq: 18 May 2023 17:16

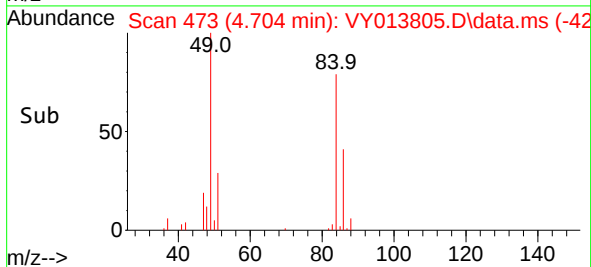
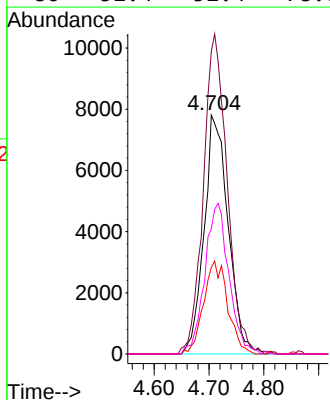
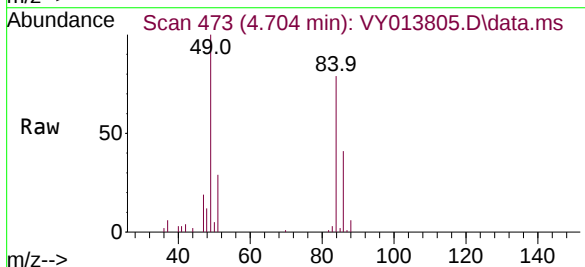
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

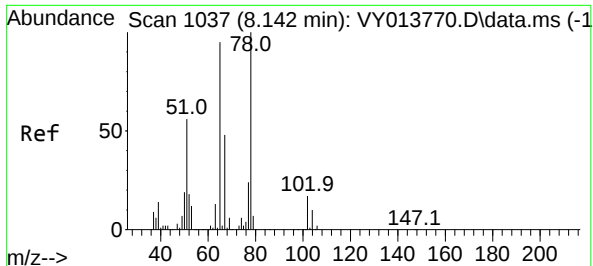
Tgt Ion:168 Resp: 172841
Ion Ratio Lower Upper
168 100
99 53.2 44.0 66.0



#20
Methylene Chloride
Concen: 7.896 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013805.D
Acq: 18 May 2023 17:16

Tgt Ion: 84 Resp: 23858
Ion Ratio Lower Upper
84 100
49 126.7 109.4 164.0
51 36.2 32.8 49.2
86 52.4 52.4 78.6





#33

1,2-Dichloroethane-d4

Concen: 58.679 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013805.D

Acq: 18 May 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

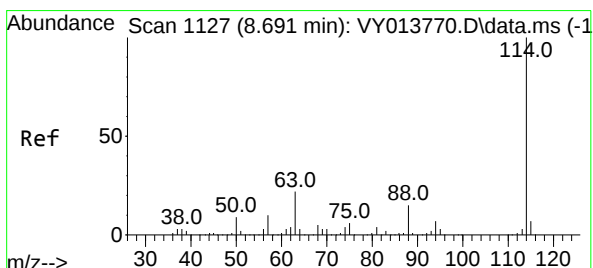
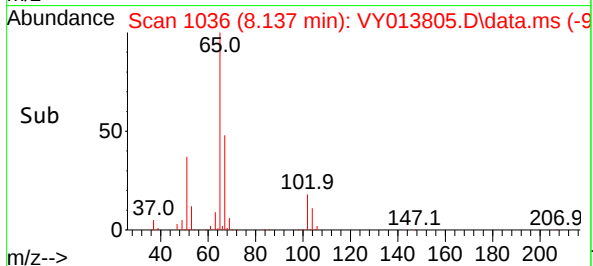
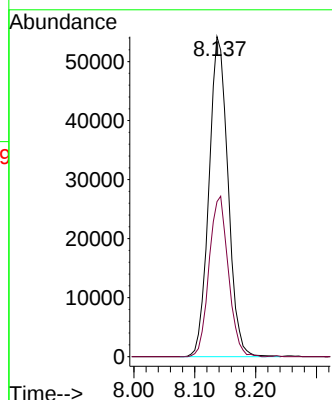
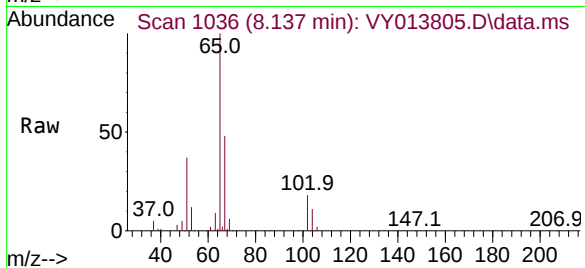
VIBLK

Tgt Ion: 65 Resp: 117818

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013805.D

Acq: 18 May 2023 17:16

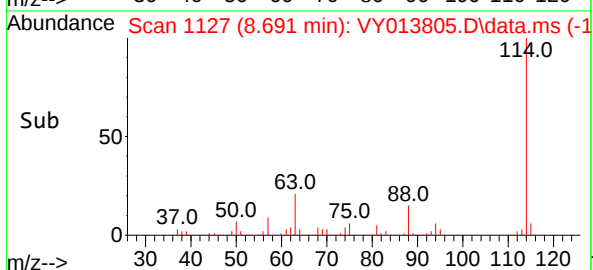
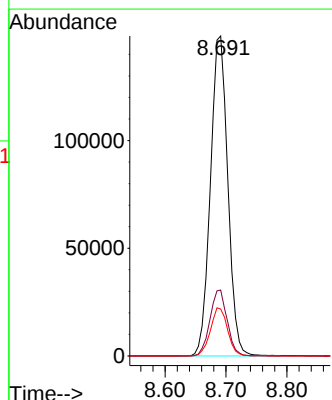
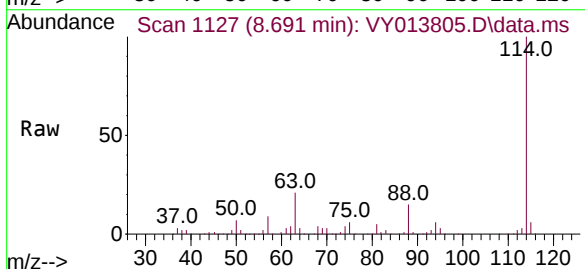
Tgt Ion: 114 Resp: 294319

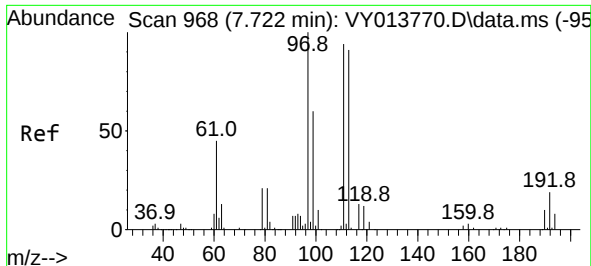
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.8

88 14.6 0.0 30.8

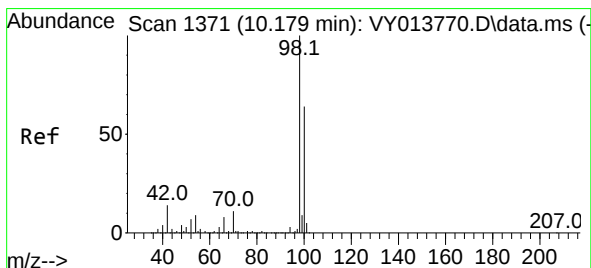
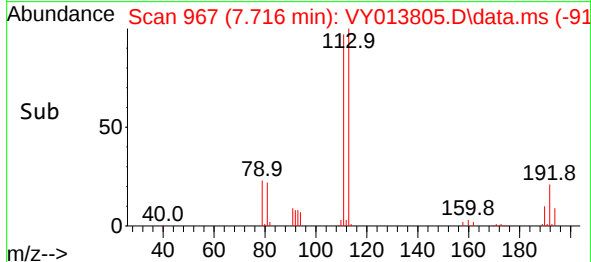
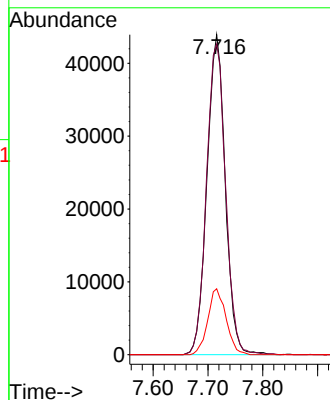
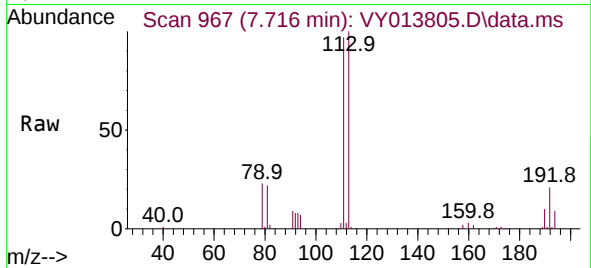




#35
Dibromofluoromethane
Concen: 53.947 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013805.D
Acq: 18 May 2023 17:16

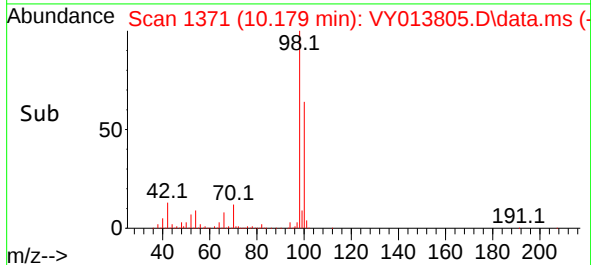
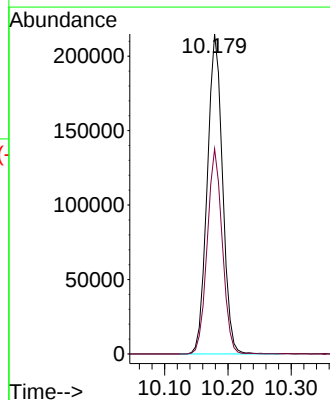
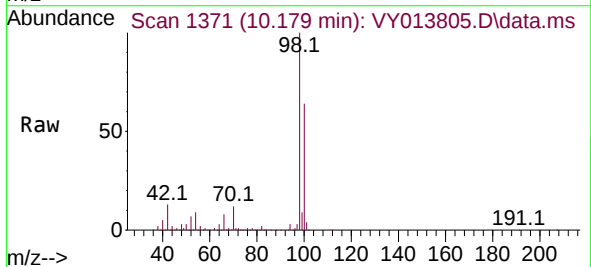
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

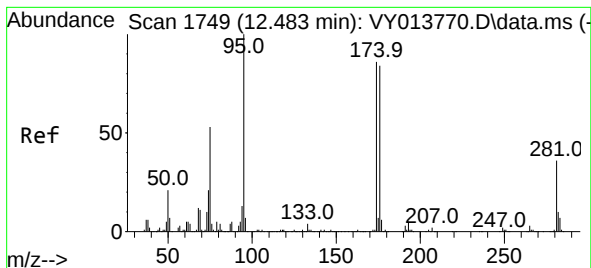
Tgt Ion:113 Resp: 101816
Ion Ratio Lower Upper
113 100
111 101.2 82.3 123.5
192 20.6 16.0 24.0



#50
Toluene-d8
Concen: 50.493 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013805.D
Acq: 18 May 2023 17:16

Tgt Ion: 98 Resp: 361288
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.6

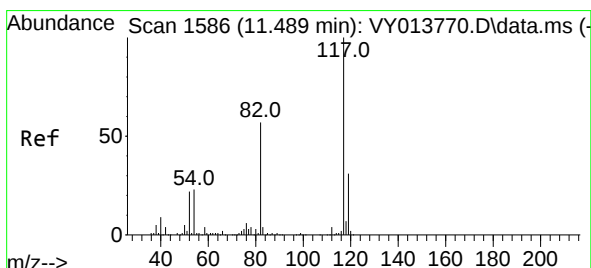
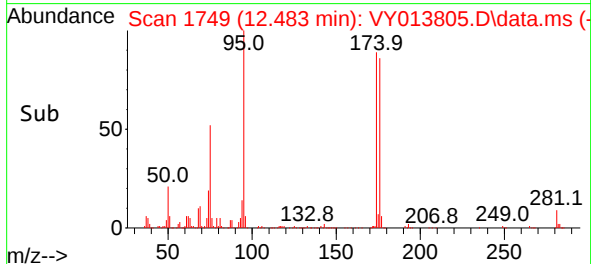
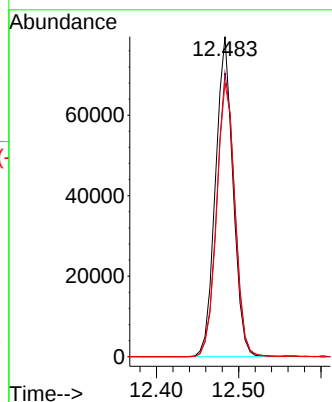
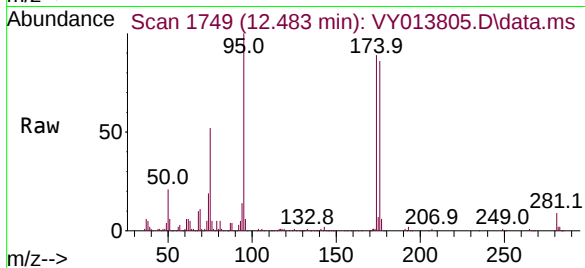




#62
4-Bromofluorobenzene
Concen: 49.646 ug/l
RT: 12.483 min Scan# 117990
Delta R.T. 0.000 min
Lab File: VY013805.D
Acq: 18 May 2023 17:16

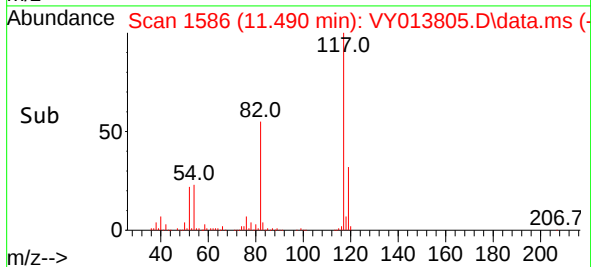
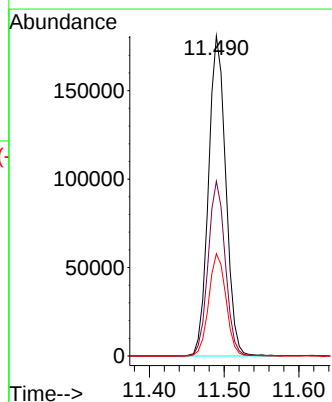
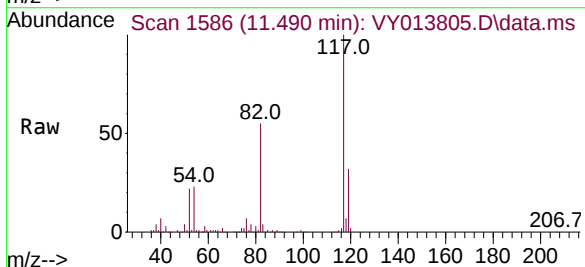
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

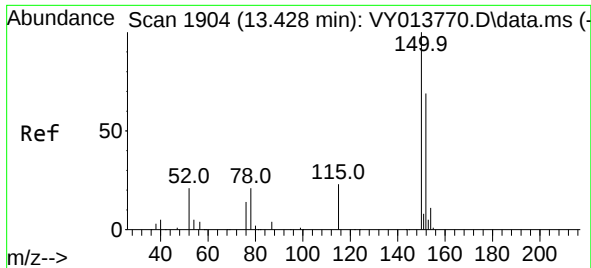
Tgt Ion: 95 Resp: 117990
Ion Ratio Lower Upper
95 100
174 91.0 0.0 168.8
176 88.9 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013805.D
Acq: 18 May 2023 17:16

Tgt Ion: 117 Resp: 290791
Ion Ratio Lower Upper
117 100
82 54.6 45.5 68.3
119 32.0 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013805.D

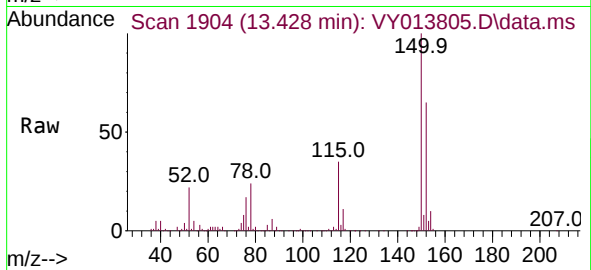
Acq: 18 May 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 133888

Ion Ratio Lower Upper

152 100

115 55.2 28.5 85.5

150 154.8 0.0 347.0

