

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101223\
 Data File : VY015945.D
 Acq On : 12 Oct 2023 19:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 13 13:14:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

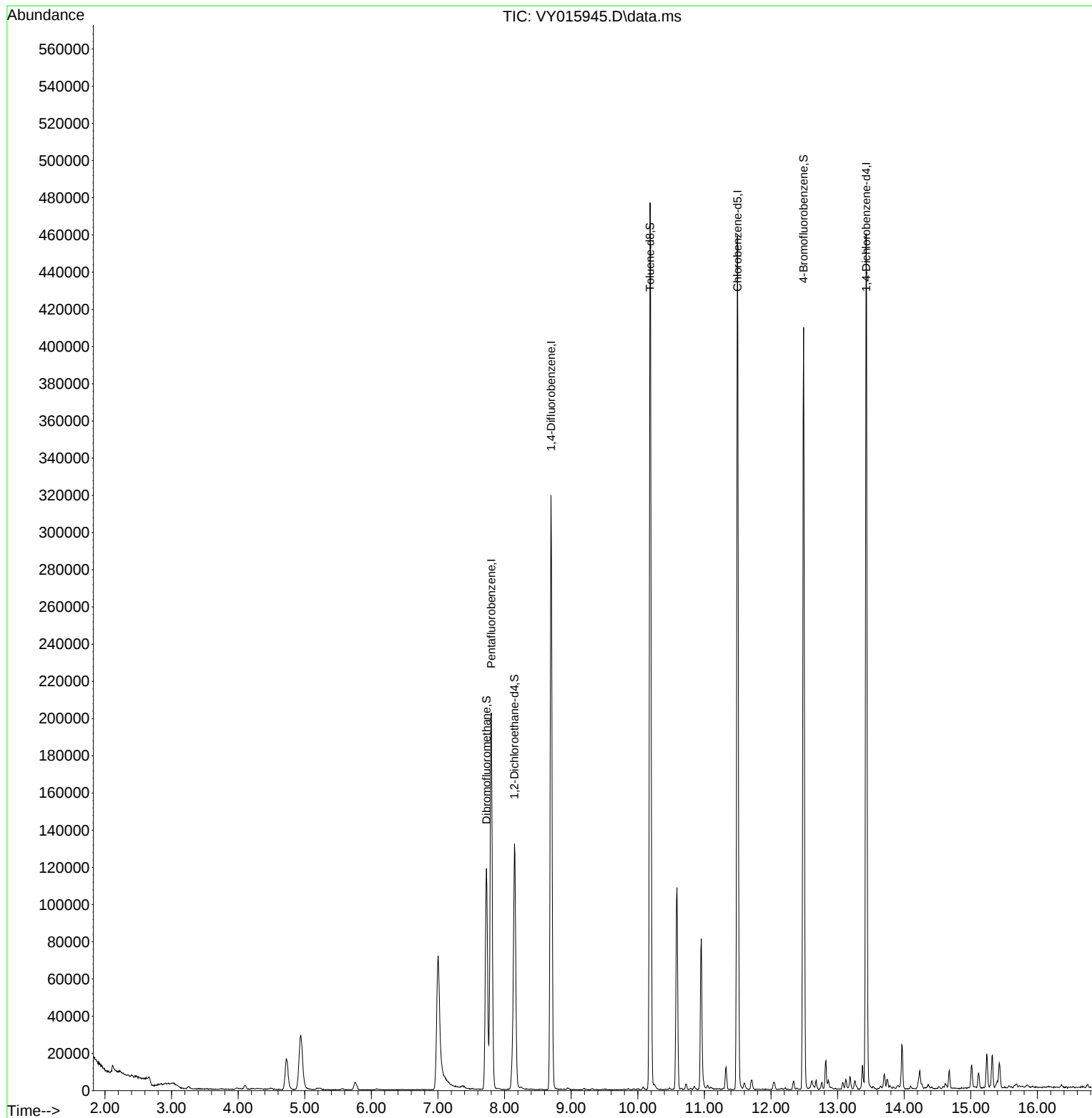
Internal Standards						
1) Pentafluorobenzene	7.801	168	162258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	252720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99674	53.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.660%	
35) Dibromofluoromethane	7.728	113	87591	51.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.220%	
50) Toluene-d8	10.185	98	322200	50.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.489	95	112190	49.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.180%	
Target Compounds						
3) Chloromethane	2.119	50	2271	Below Cal	Qvalue 91	

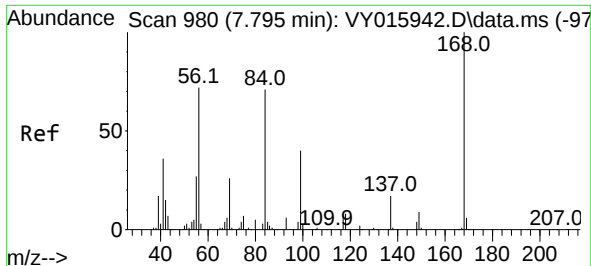
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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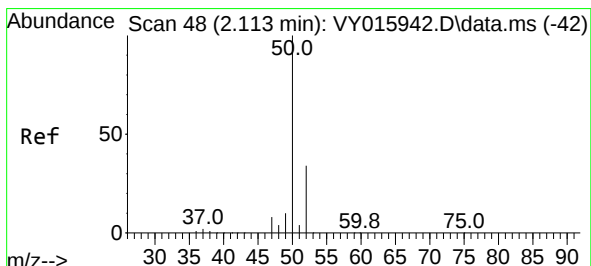
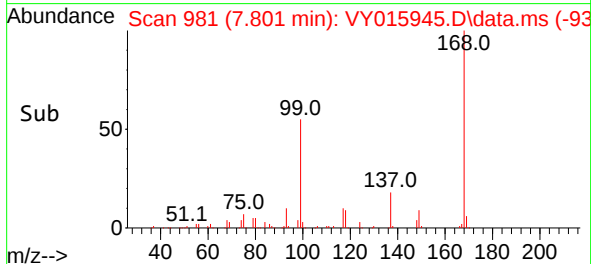
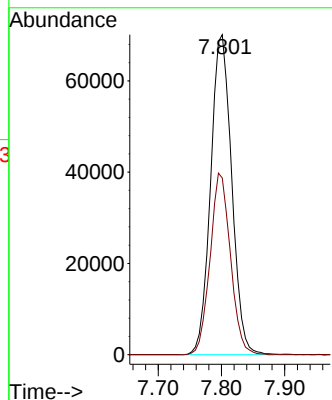
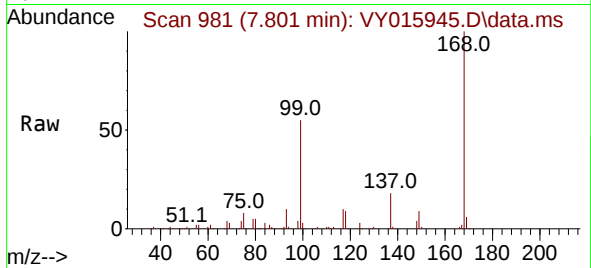




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015945.D
Acq: 12 Oct 2023 19:54

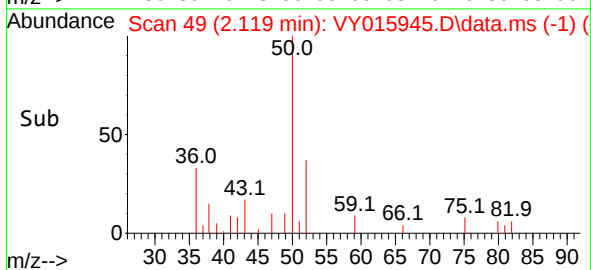
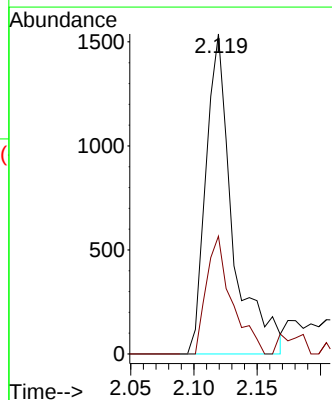
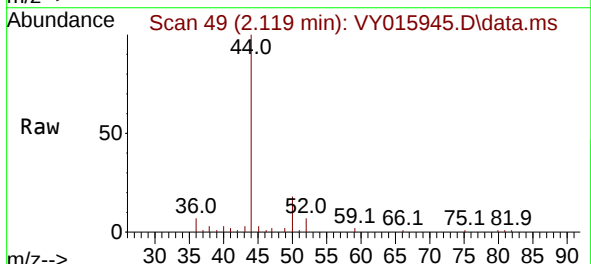
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

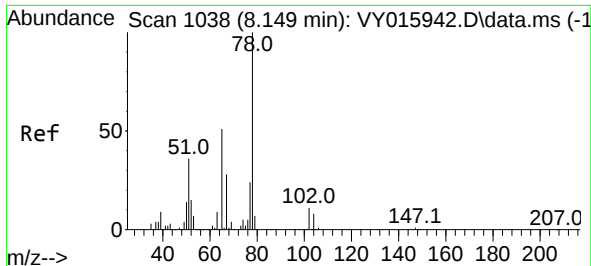
Tgt Ion:168 Resp: 162258
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015945.D
Acq: 12 Oct 2023 19:54

Tgt Ion: 50 Resp: 2271
Ion Ratio Lower Upper
50 100
52 36.8 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 53.825 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015945.D

Acq: 12 Oct 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

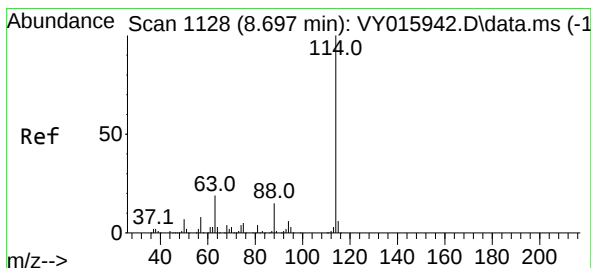
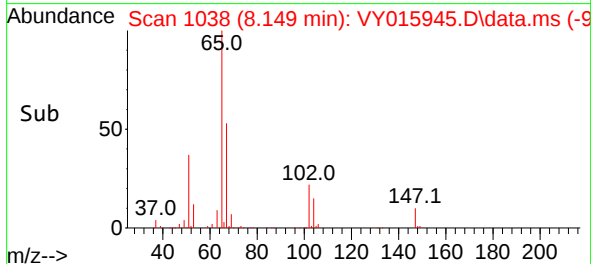
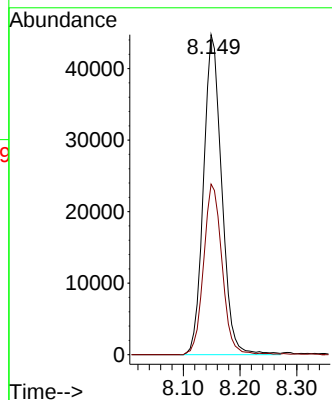
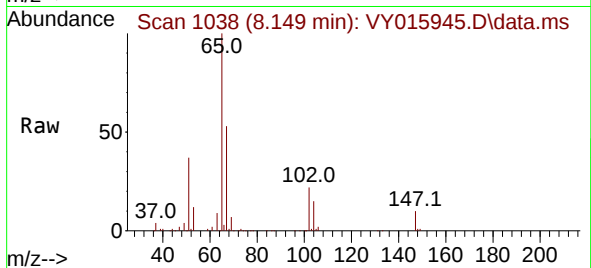
VIBLK

Tgt Ion: 65 Resp: 99674

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015945.D

Acq: 12 Oct 2023 19:54

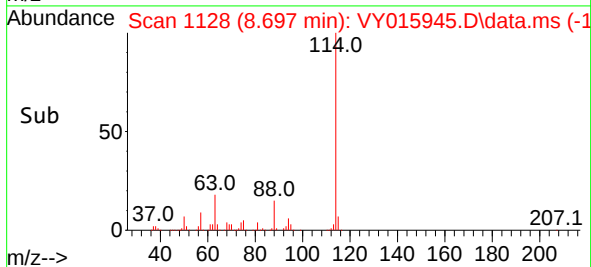
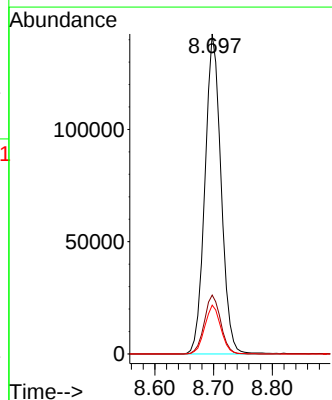
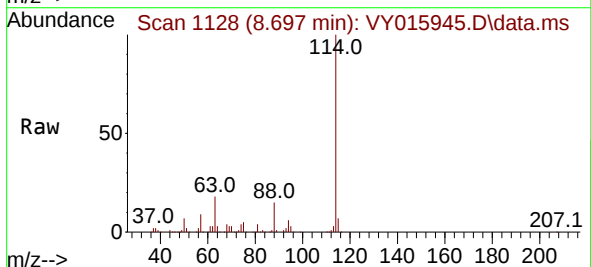
Tgt Ion: 114 Resp: 272213

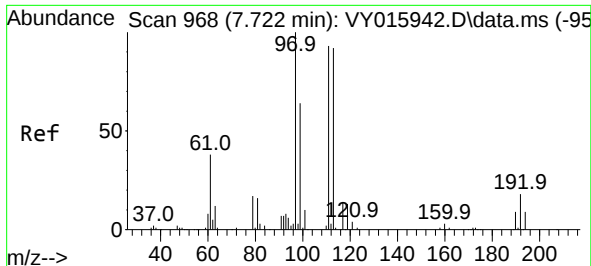
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.2 0.0 30.6

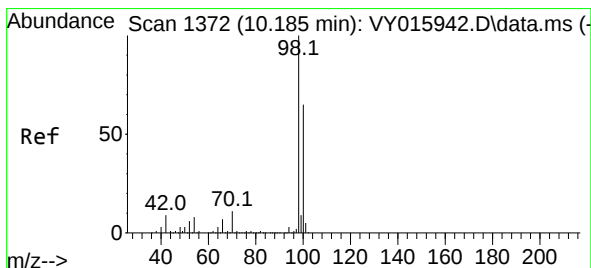
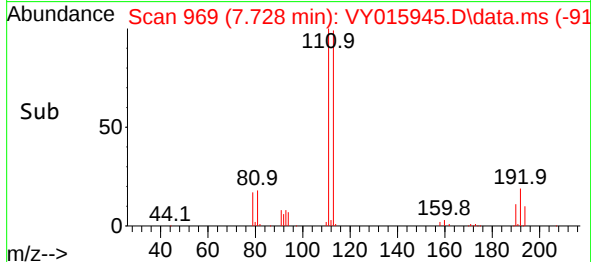
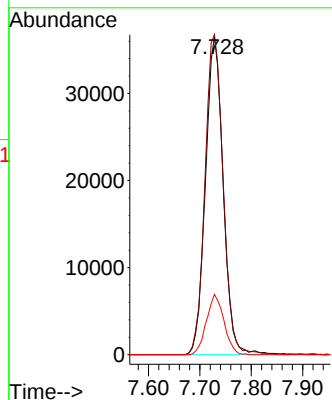
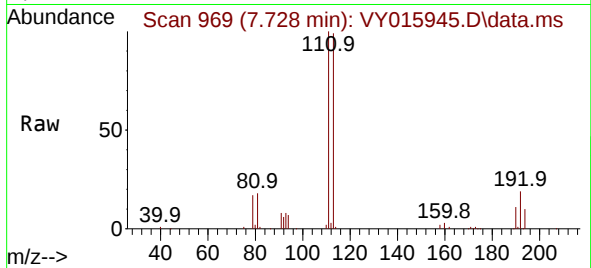




#35
Dibromofluoromethane
Concen: 51.111 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015945.D
Acq: 12 Oct 2023 19:54

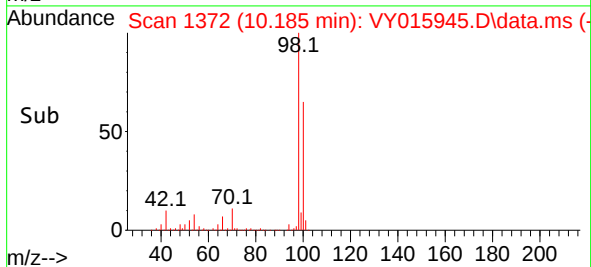
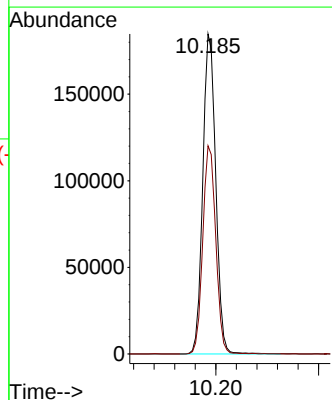
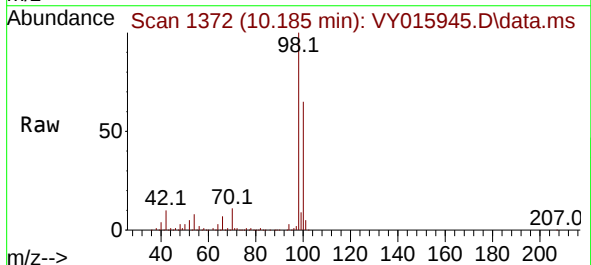
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

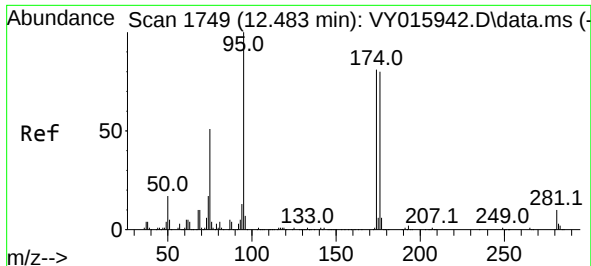
Tgt Ion:113 Resp: 87591
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 50.204 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015945.D
Acq: 12 Oct 2023 19:54

Tgt Ion: 98 Resp: 322200
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

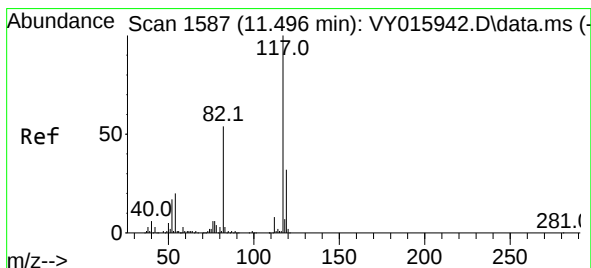
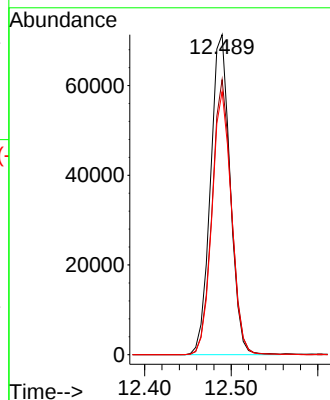
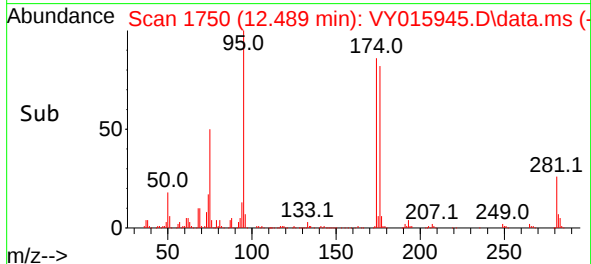
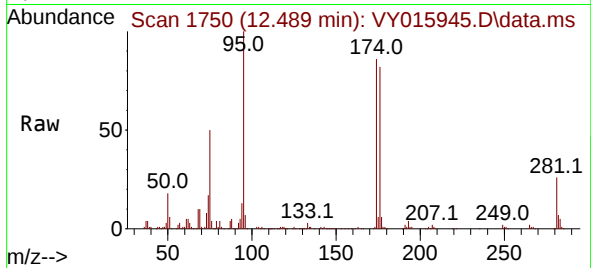




#62
4-Bromofluorobenzene
Concen: 49.093 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015945.D
Acq: 12 Oct 2023 19:54

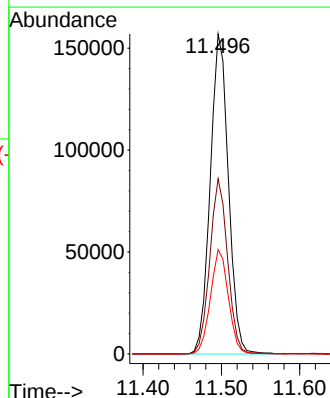
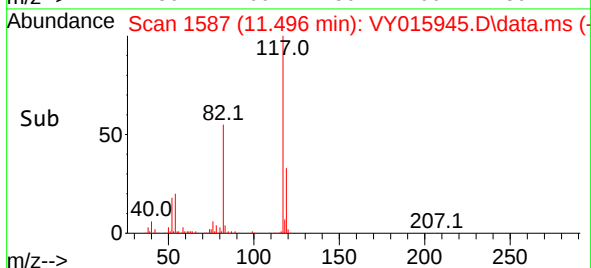
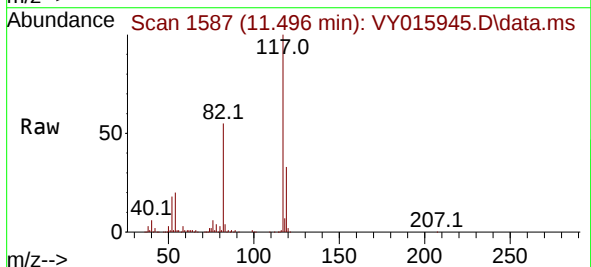
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

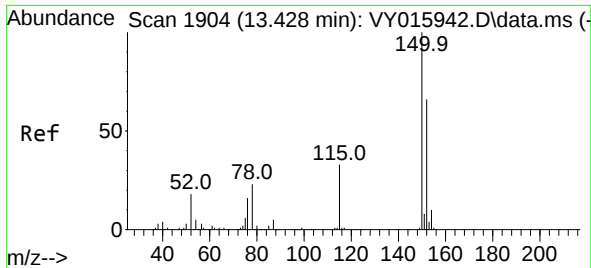
Tgt Ion: 95 Resp: 112190
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015945.D
Acq: 12 Oct 2023 19:54

Tgt Ion: 117 Resp: 252720
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015945.D

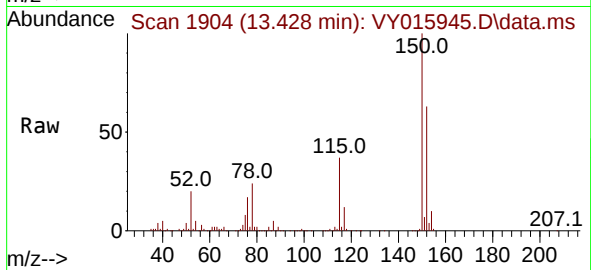
Acq: 12 Oct 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 120127

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.2 0.0 348.8

