

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021701.D
 Acq On : 28 Mar 2025 18:45
 Operator : SY/MD
 Sample : Q1664-13
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-004-01

Quant Time: Mar 28 23:48:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

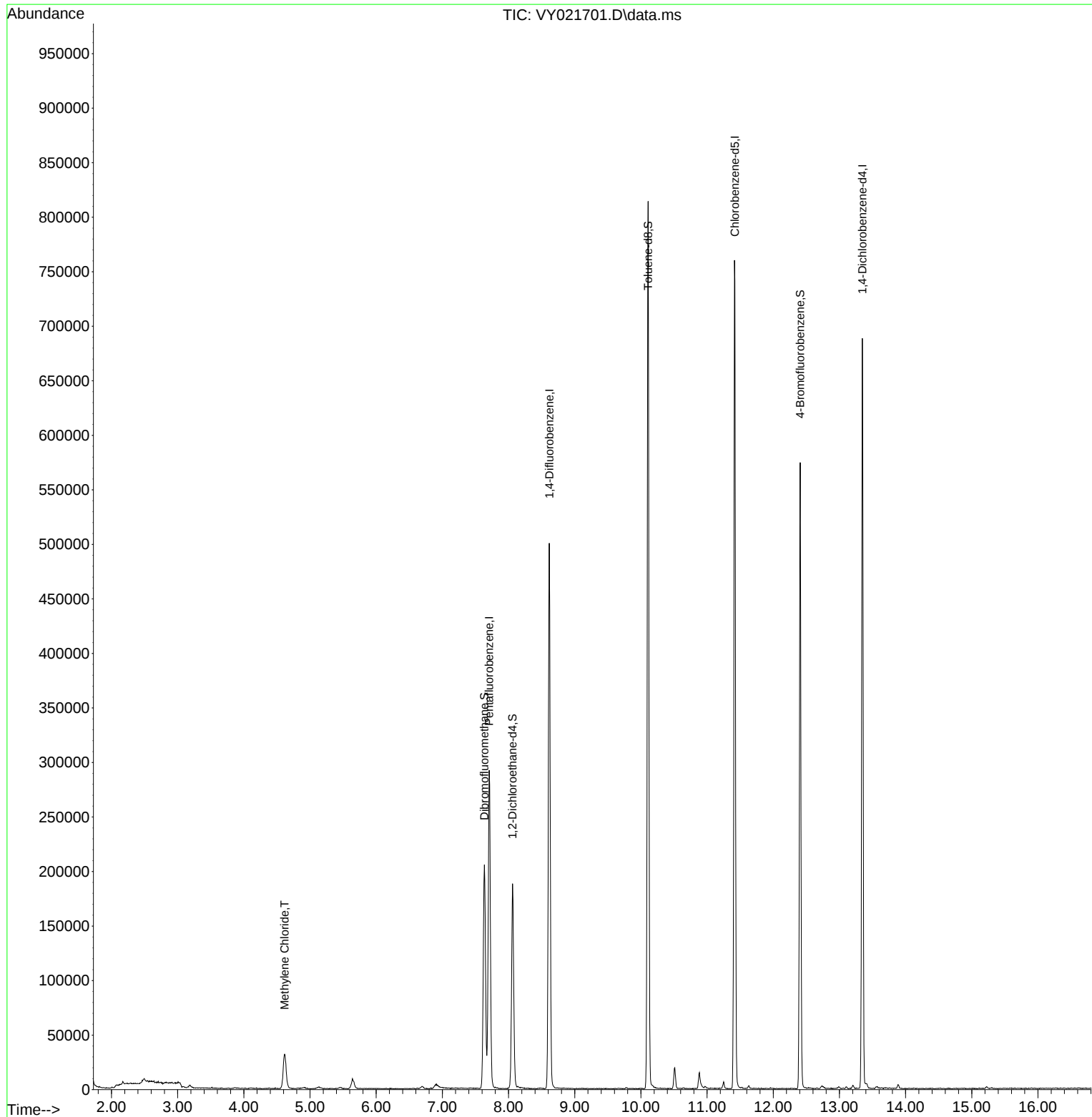
Internal Standards						
1) Pentafluorobenzene	7.707	168	214112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	408446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	393352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144048	62.094	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.180%	
35) Dibromofluoromethane	7.634	113	143352	54.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.109	98	508516	50.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.407	95	168989	49.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.140%	
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	23151	6.609	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
Data File : VY021701.D
Acq On : 28 Mar 2025 18:45
Operator : SY/MD
Sample : Q1664-13
Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-004-01

Quant Time: Mar 28 23:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

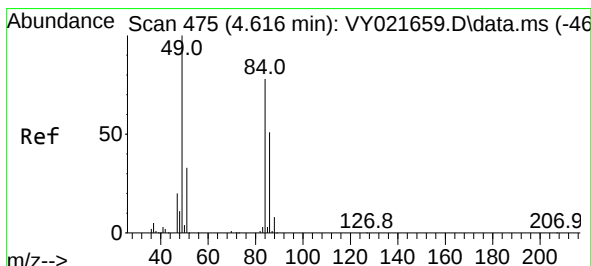
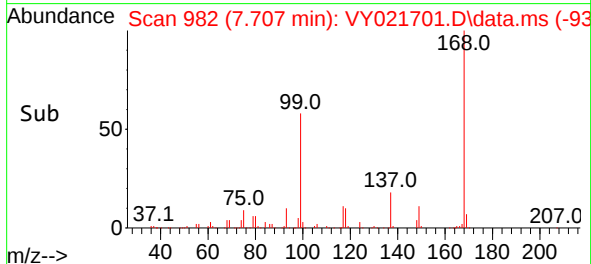
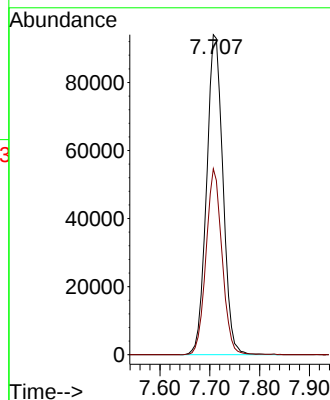
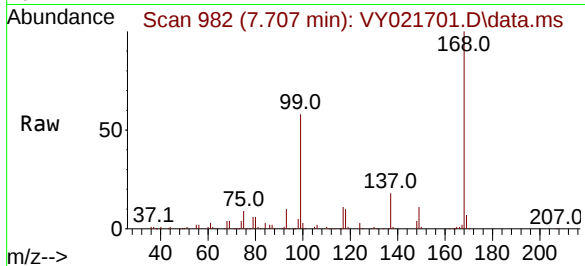




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021701.D
Acq: 28 Mar 2025 18:45

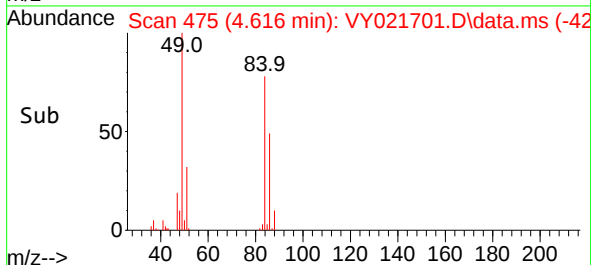
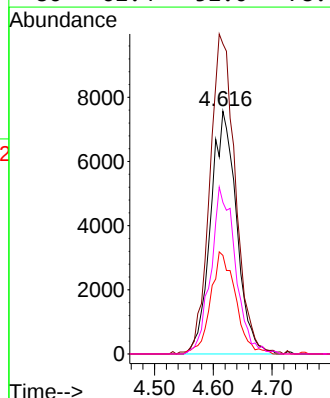
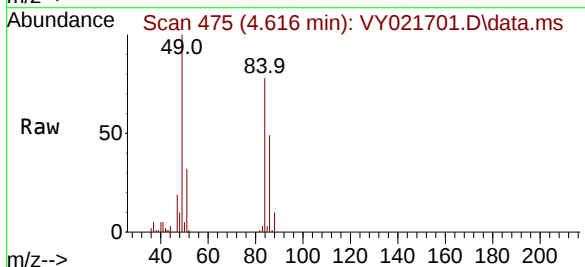
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-004-01

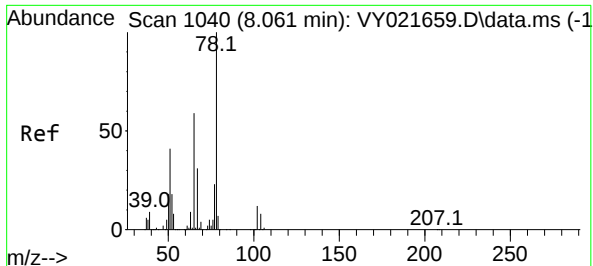
Tgt Ion:168 Resp: 214112
Ion Ratio Lower Upper
168 100
99 58.1 46.7 70.1



#20
Methylene Chloride
Concen: 6.609 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021701.D
Acq: 28 Mar 2025 18:45

Tgt Ion: 84 Resp: 23151
Ion Ratio Lower Upper
84 100
49 126.9 102.8 154.2
51 40.6 33.5 50.3
86 62.4 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 62.094 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021701.D

Acq: 28 Mar 2025 18:45

Instrument :

MSVOA_Y

ClientSampleId :

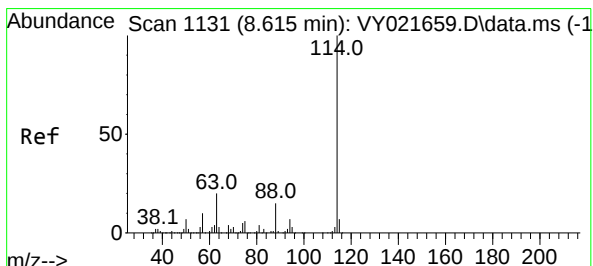
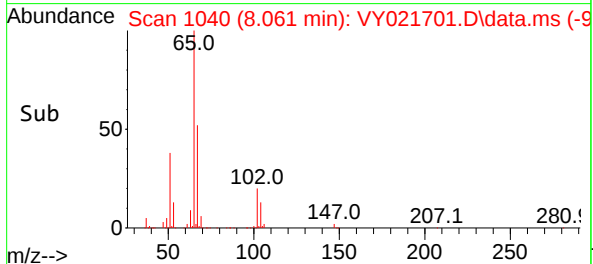
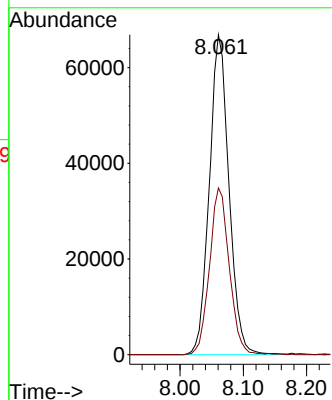
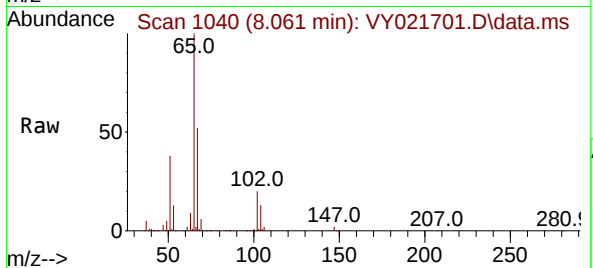
P001-BBDGA-004-01

Tgt Ion: 65 Resp: 144048

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021701.D

Acq: 28 Mar 2025 18:45

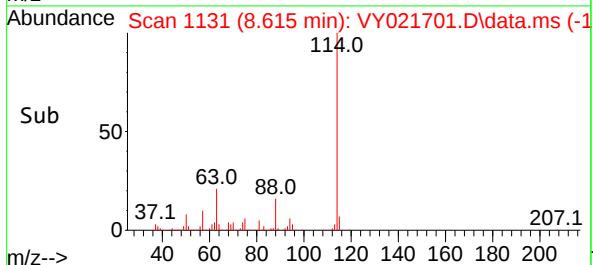
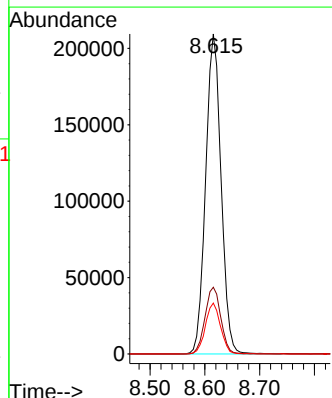
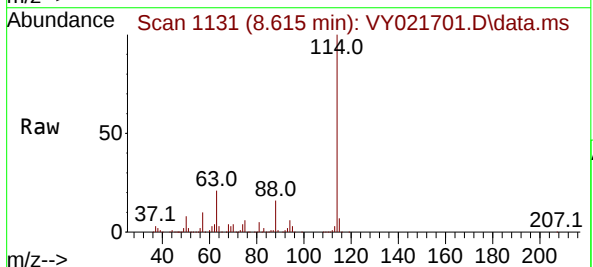
Tgt Ion: 114 Resp: 408446

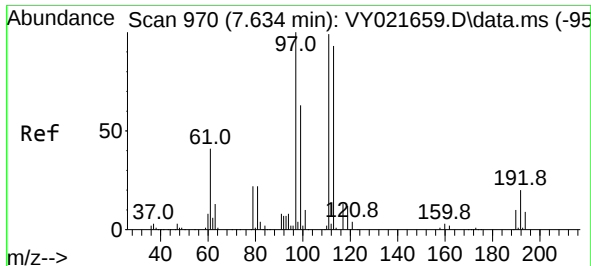
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.9 0.0 29.8

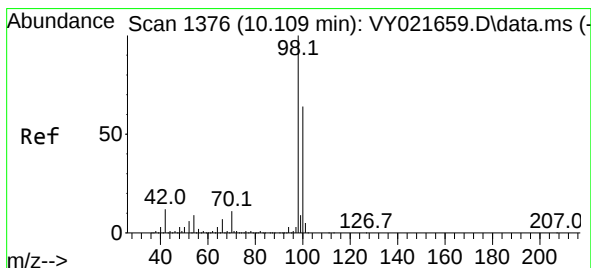
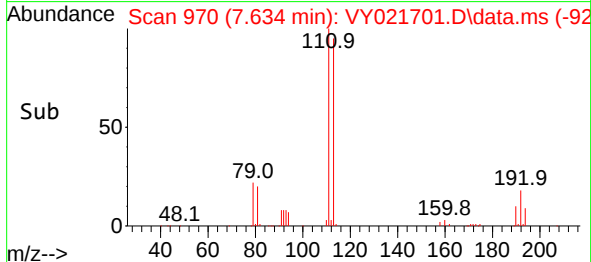
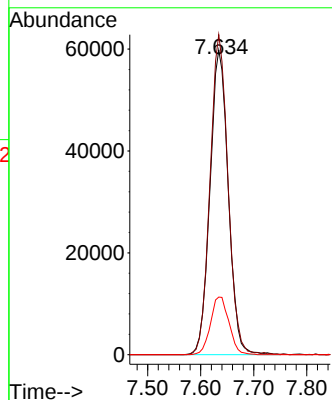
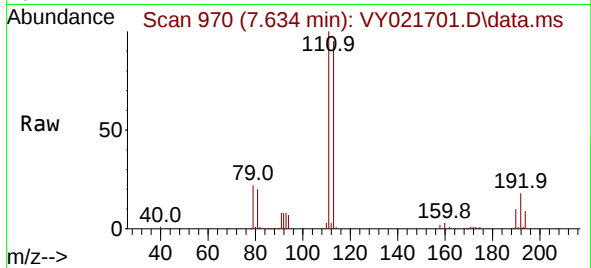




#35
Dibromofluoromethane
Concen: 54.105 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021701.D
Acq: 28 Mar 2025 18:45

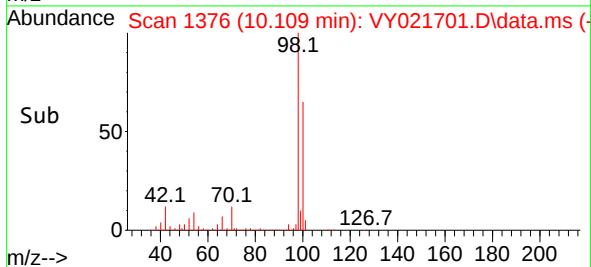
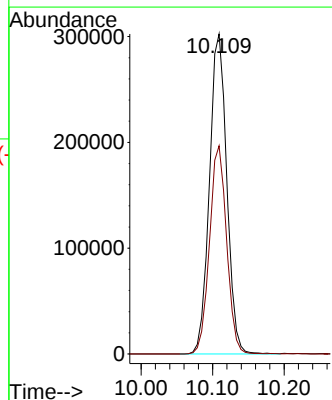
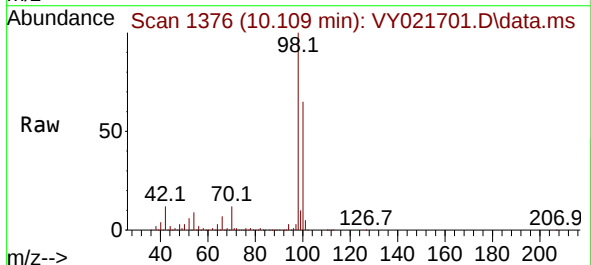
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-004-01

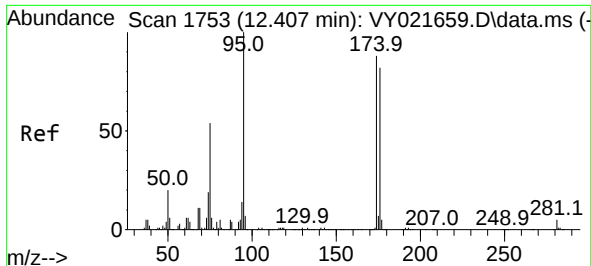
Tgt Ion:113 Resp: 143352
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.1 16.2 24.4



#50
Toluene-d8
Concen: 50.450 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021701.D
Acq: 28 Mar 2025 18:45

Tgt Ion: 98 Resp: 508516
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

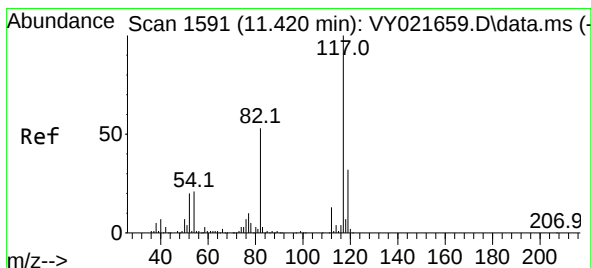
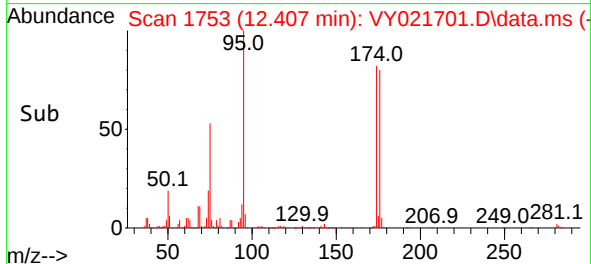
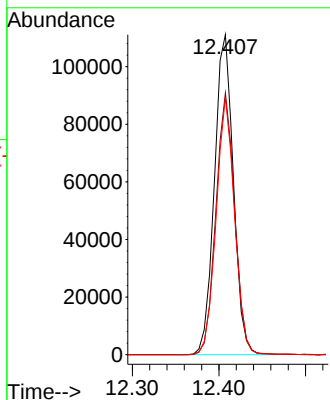
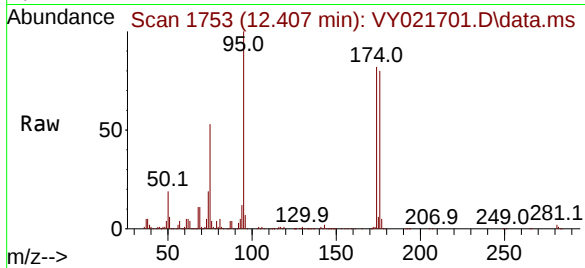




#62
4-Bromofluorobenzene
Concen: 49.566 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021701.D
Acq: 28 Mar 2025 18:45

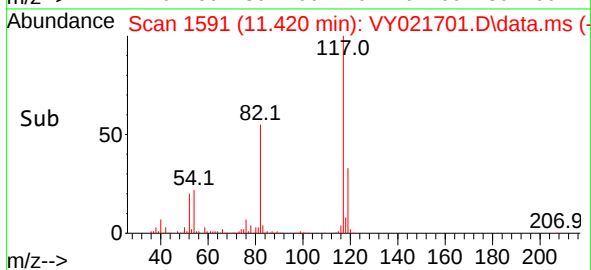
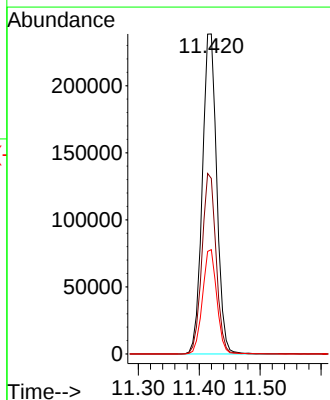
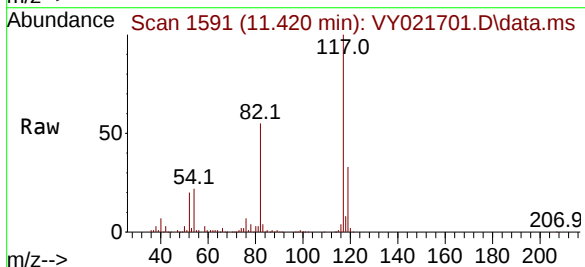
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-004-01

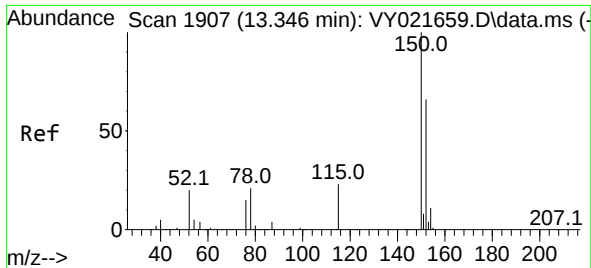
Tgt Ion: 95 Resp: 168989
Ion Ratio Lower Upper
95 100
174 81.2 0.0 170.8
176 77.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021701.D
Acq: 28 Mar 2025 18:45

Tgt Ion: 117 Resp: 393352
Ion Ratio Lower Upper
117 100
82 54.8 42.8 64.2
119 32.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021701.D

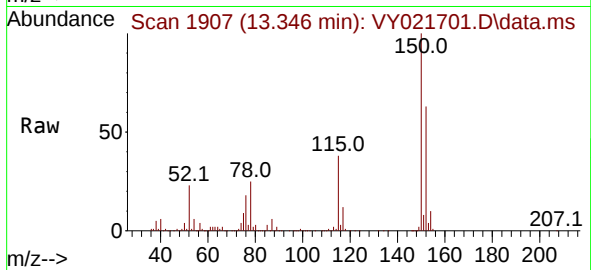
Acq: 28 Mar 2025 18:45

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-004-01



Tgt Ion:152 Resp: 162086

Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.5

150 158.3 0.0 348.4

