

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021700.D
 Acq On : 28 Mar 2025 18:22
 Operator : SY/MD
 Sample : Q1664-11
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-003-01

Quant Time: Mar 28 23:47:38 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)

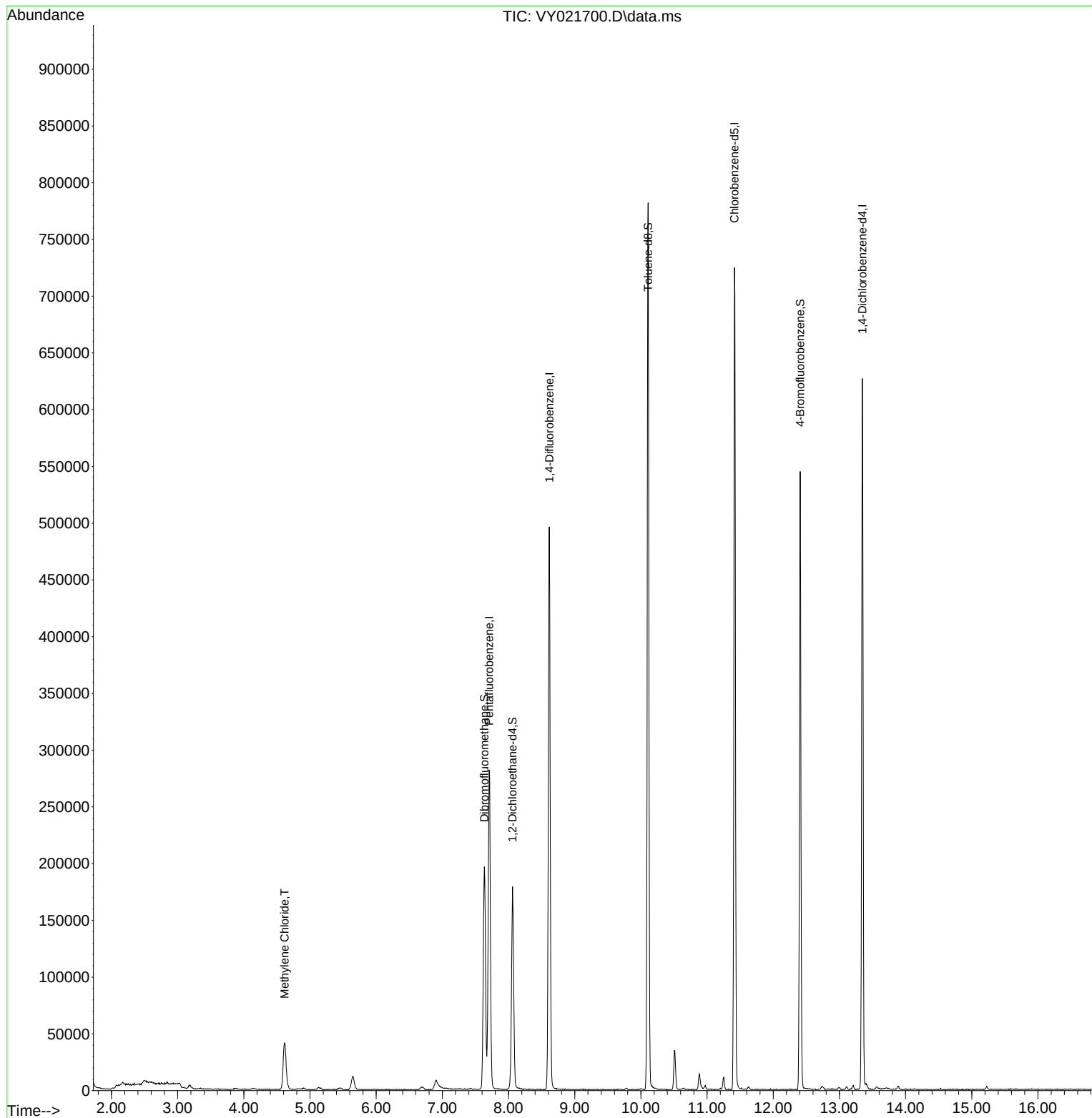
Internal Standards						
1) Pentafluorobenzene	7.707	168	209464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	407285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	374541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133978	59.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.060%
35) Dibromofluoromethane	7.634	113	138077	52.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.520%
50) Toluene-d8	10.109	98	499769	49.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.408	95	154556	45.462	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.920%
Target Compounds						
20) Methylene Chloride	4.616	84	29985	10.107	ug/l	Qvalue 97

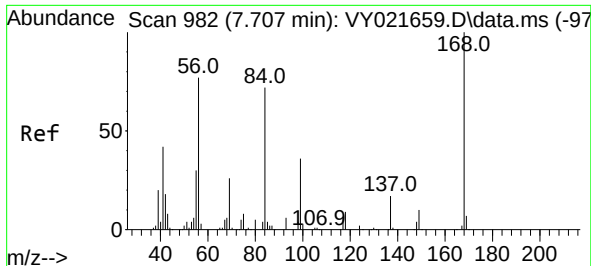
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
Data File : VY021700.D
Acq On : 28 Mar 2025 18:22
Operator : SY/MD
Sample : Q1664-11
Misc : 4.86g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-003-01

Quant Time: Mar 28 23:47:38 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

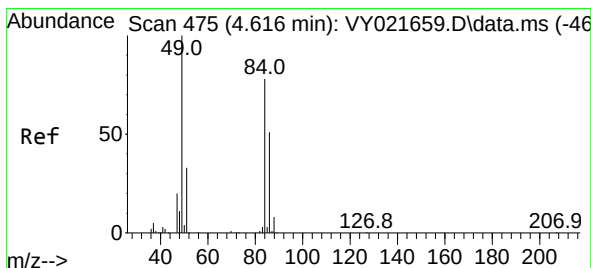
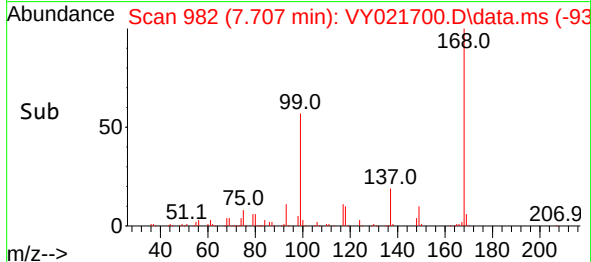
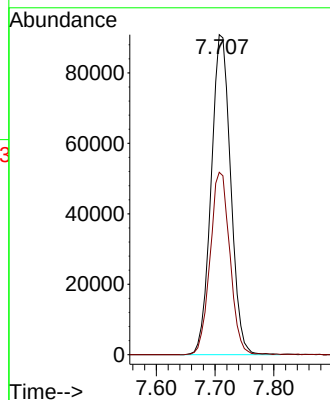
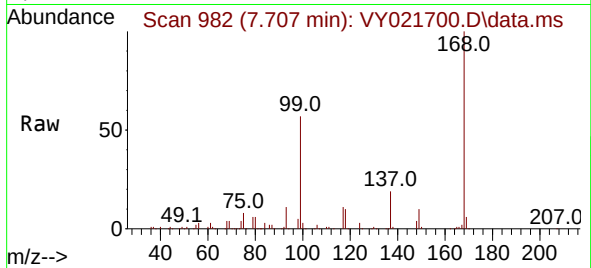




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

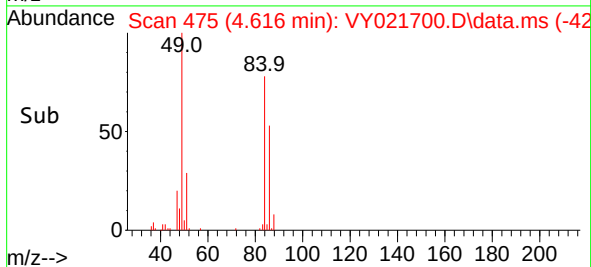
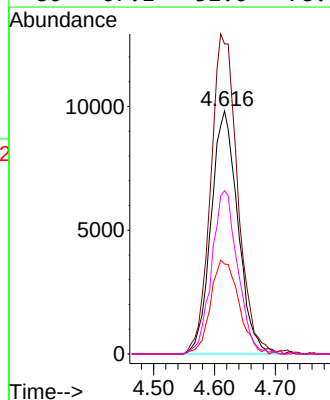
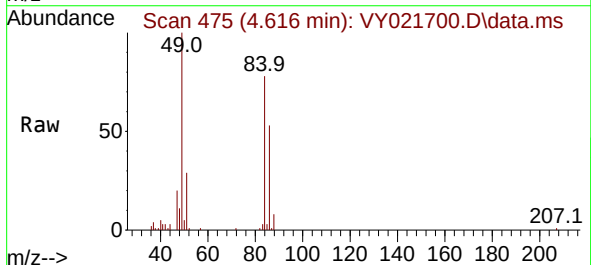
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-003-01

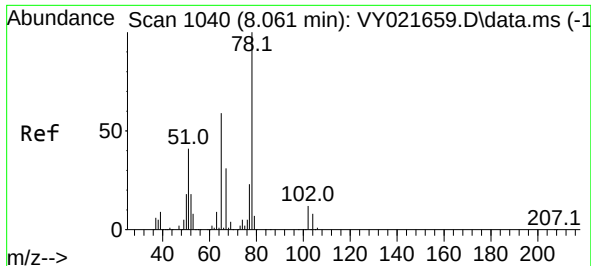
Tgt Ion:168 Resp: 209464
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#20
Methylene Chloride
Concen: 10.107 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 84 Resp: 29985
Ion Ratio Lower Upper
84 100
49 127.6 102.8 154.2
51 37.0 33.5 50.3
86 67.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 59.035 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021700.D

Acq: 28 Mar 2025 18:22

Instrument :

MSVOA_Y

ClientSampleId :

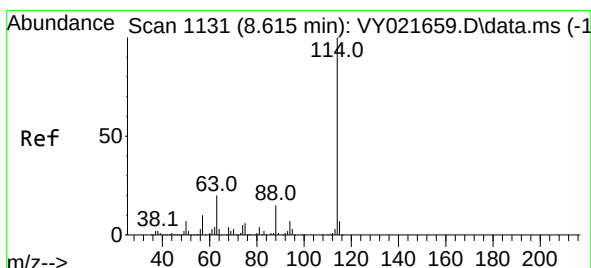
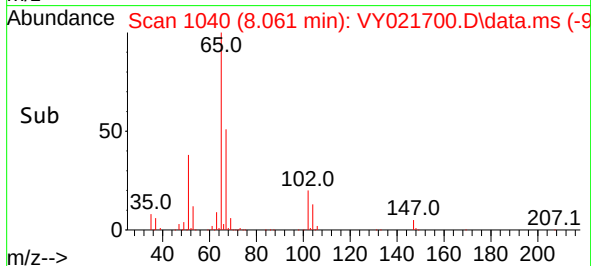
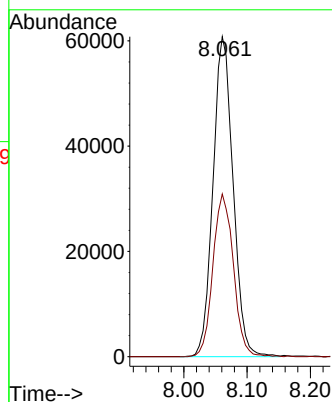
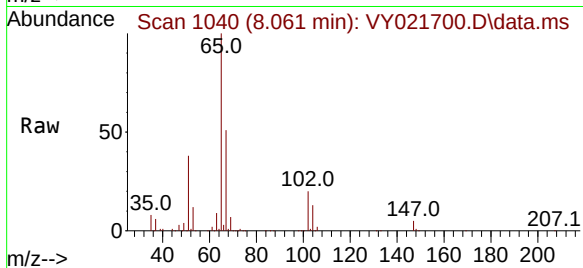
P001-BBDGA-003-01

Tgt Ion: 65 Resp: 133978

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021700.D

Acq: 28 Mar 2025 18:22

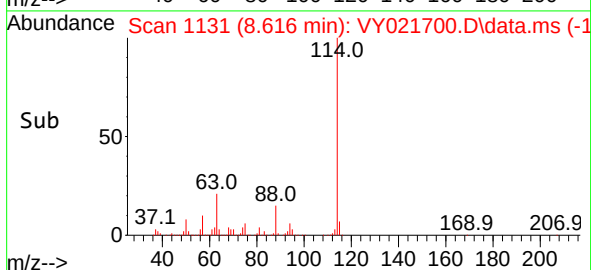
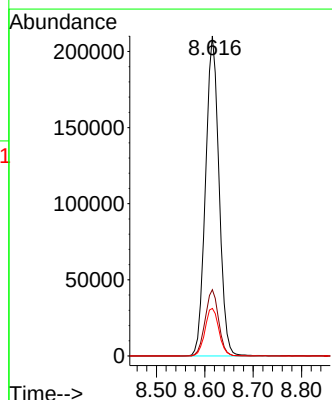
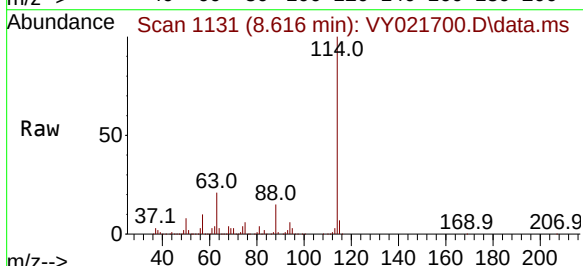
Tgt Ion: 114 Resp: 407285

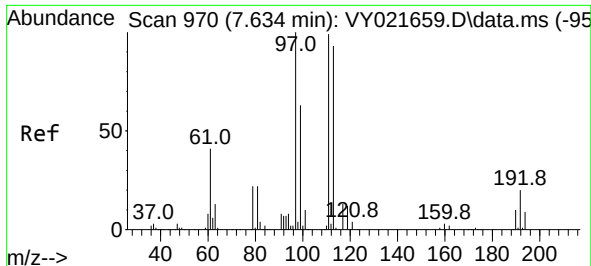
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 14.8 0.0 29.8

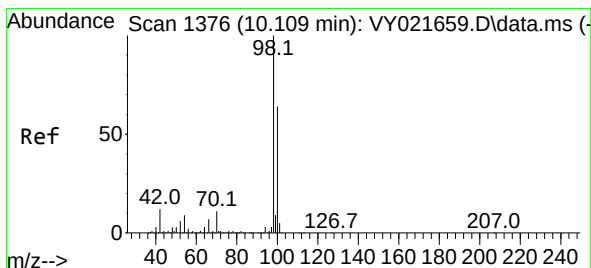
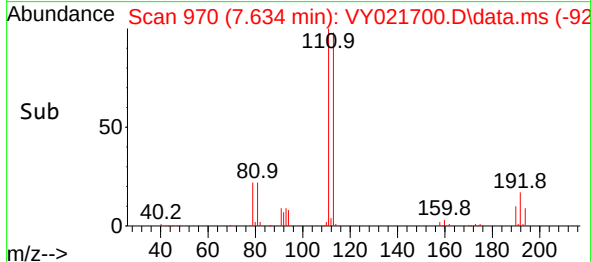
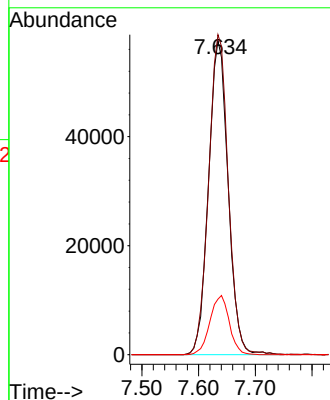
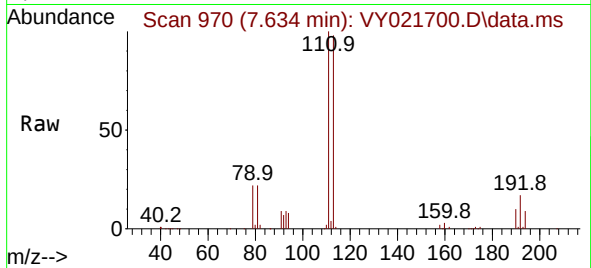




#35
Dibromofluoromethane
Concen: 52.262 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

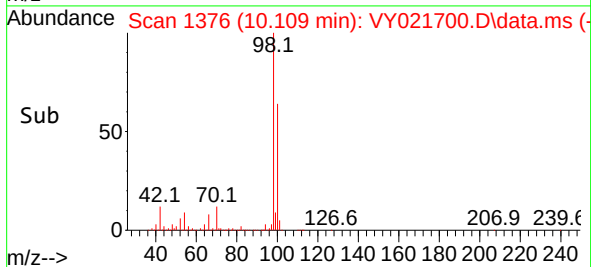
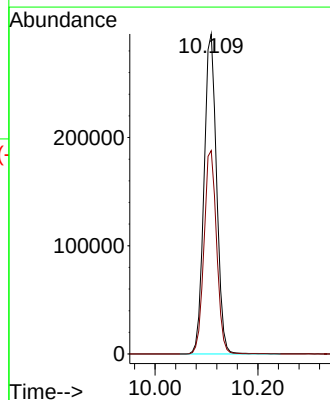
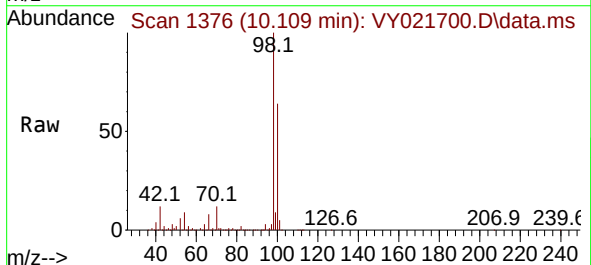
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-003-01

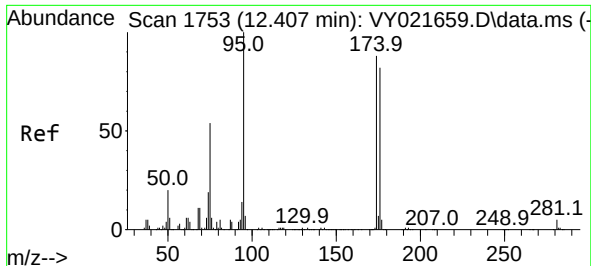
Tgt Ion:113 Resp: 138077
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 18.7 16.2 24.4



#50
Toluene-d8
Concen: 49.724 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 98 Resp: 499769
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1

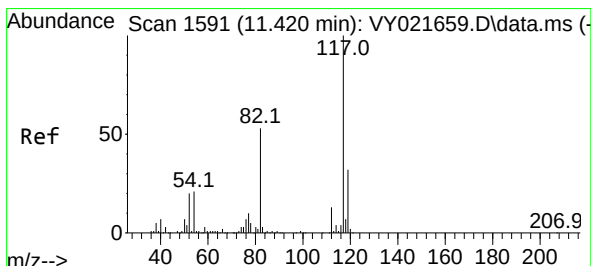
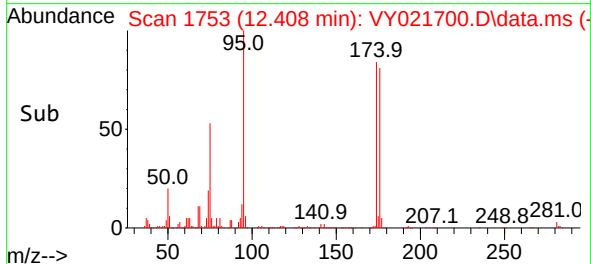
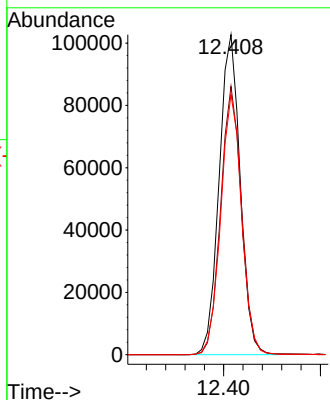
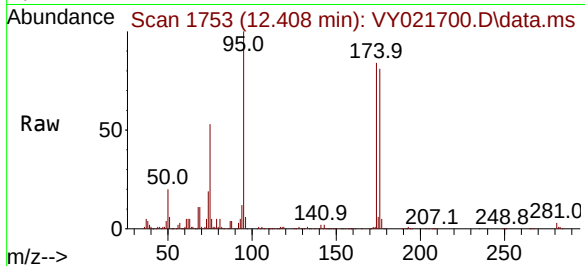




#62
4-Bromofluorobenzene
Concen: 45.462 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

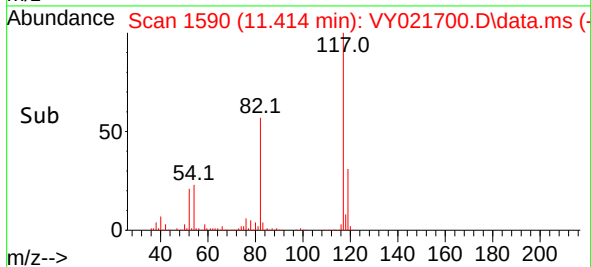
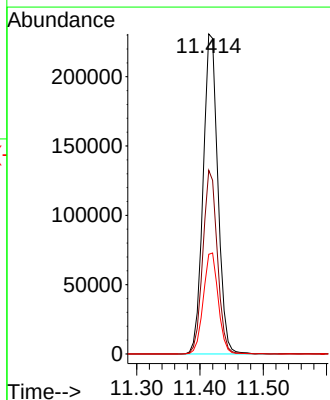
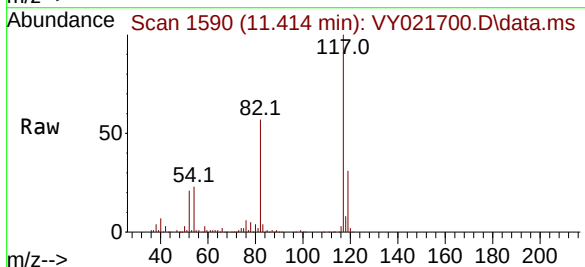
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-003-01

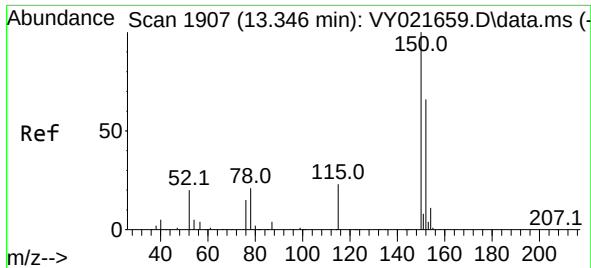
Tgt Ion: 95 Resp: 154556
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 80.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 117 Resp: 374541
Ion Ratio Lower Upper
117 100
82 57.4 42.8 64.2
119 31.1 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: VY021700.D

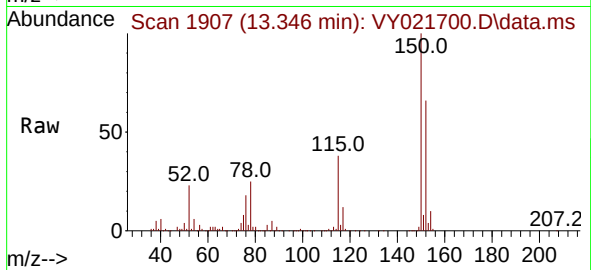
Acq: 28 Mar 2025 18:22

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-003-01



Tgt Ion:152 Resp: 150733

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 156.7 0.0 348.4

