

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021704.D
 Acq On : 28 Mar 2025 19:55
 Operator : SY/MD
 Sample : Q1664-19
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-007-01

Quant Time: Mar 28 23:49:12 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)

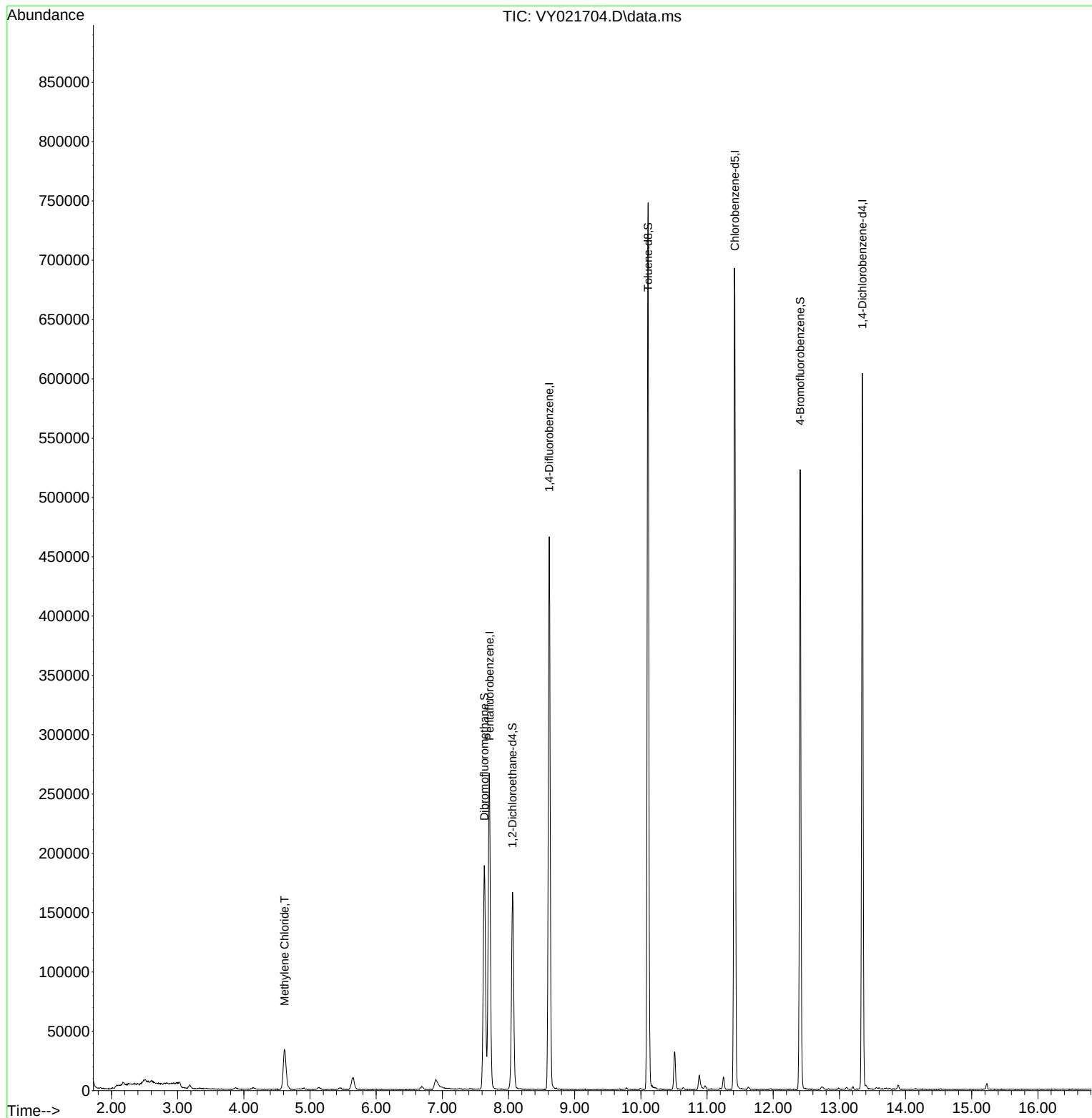
Internal Standards						
1) Pentafluorobenzene	7.713	168	201473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	380843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	353621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130832	59.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.860%
35) Dibromofluoromethane	7.634	113	132149	53.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.980%
50) Toluene-d8	10.109	98	469358	49.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.408	95	146340	46.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.060%
Target Compounds						
20) Methylene Chloride	4.616	84	23902	7.658	ug/l	99

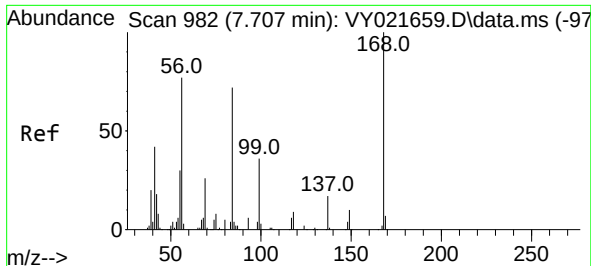
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
Data File : VY021704.D
Acq On : 28 Mar 2025 19:55
Operator : SY/MD
Sample : Q1664-19
Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-007-01

Quant Time: Mar 28 23:49:12 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

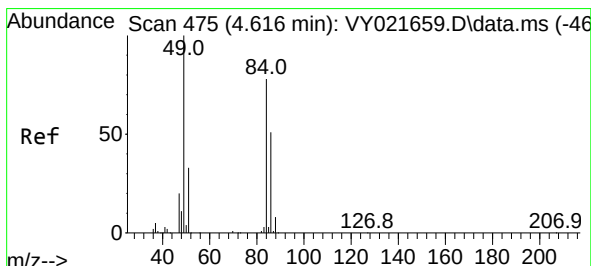
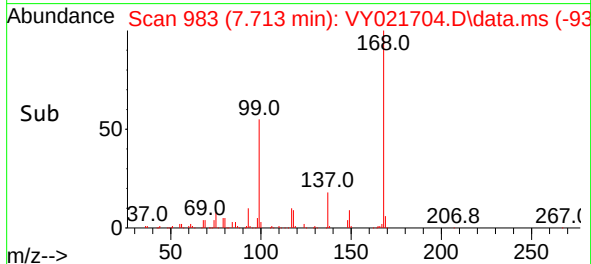
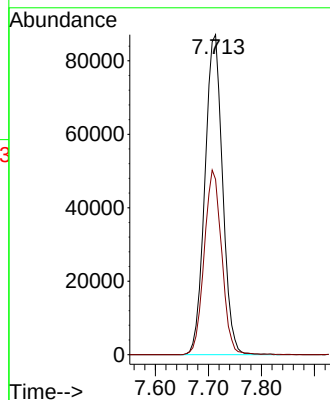
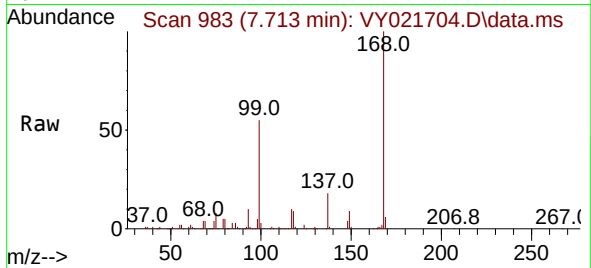




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021704.D
Acq: 28 Mar 2025 19:55

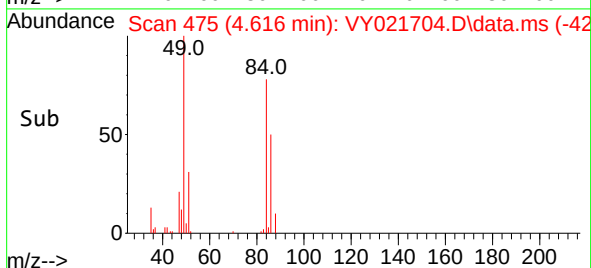
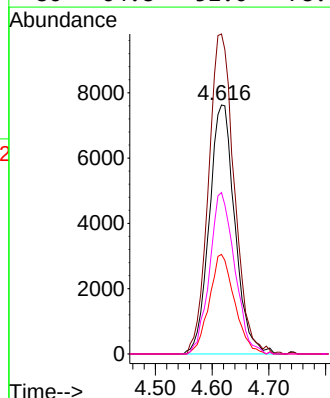
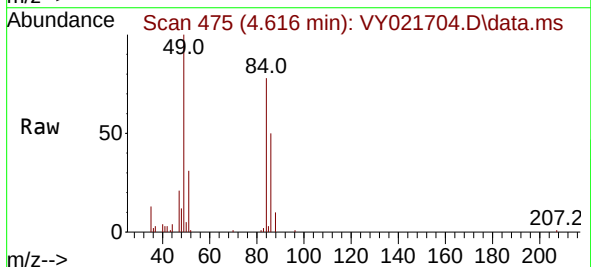
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-007-01

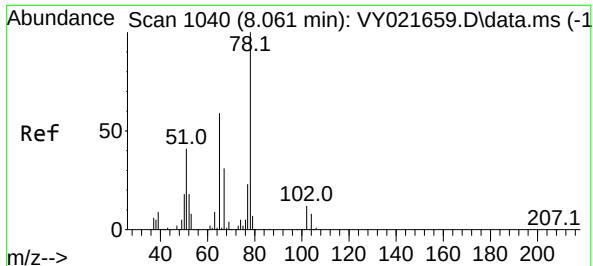
Tgt Ion:168 Resp: 201473
Ion Ratio Lower Upper
168 100
99 54.8 46.7 70.1



#20
Methylene Chloride
Concen: 7.658 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021704.D
Acq: 28 Mar 2025 19:55

Tgt Ion: 84 Resp: 23902
Ion Ratio Lower Upper
84 100
49 128.5 102.8 154.2
51 39.9 33.5 50.3
86 64.8 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 59.935 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021704.D

Acq: 28 Mar 2025 19:55

Instrument :

MSVOA_Y

ClientSampleId :

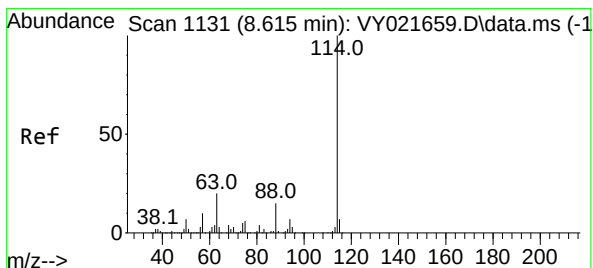
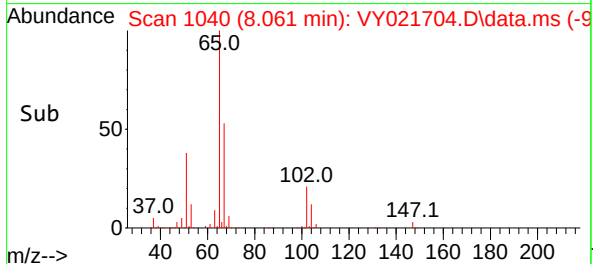
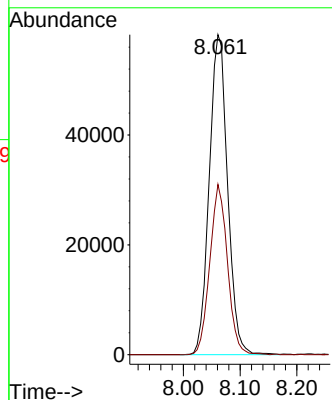
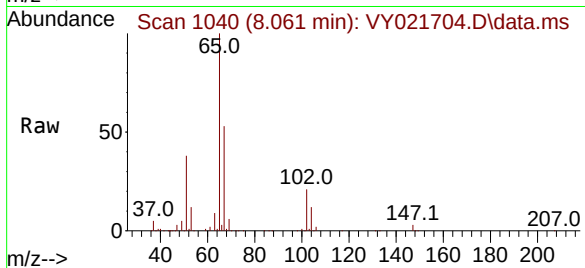
P001-BBDGA-007-01

Tgt Ion: 65 Resp: 130832

Ion Ratio Lower Upper

65 100

67 51.2 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: VY021704.D

Acq: 28 Mar 2025 19:55

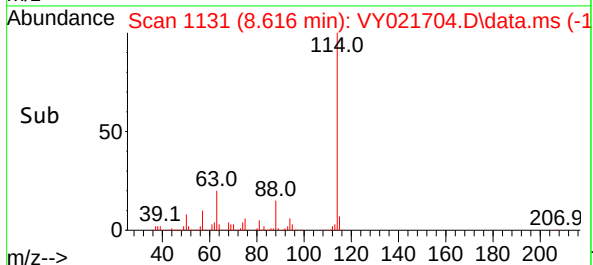
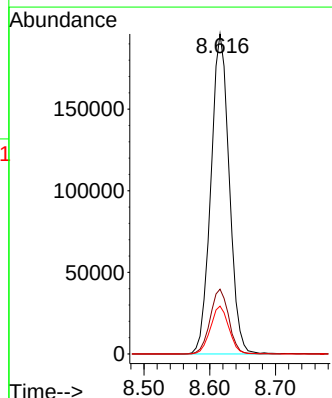
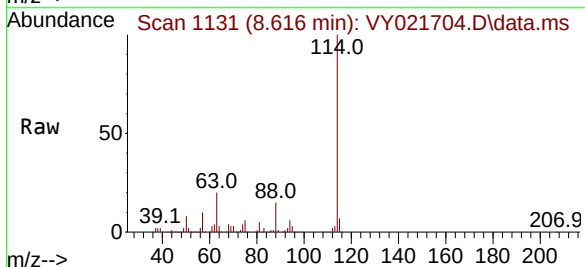
Tgt Ion: 114 Resp: 380843

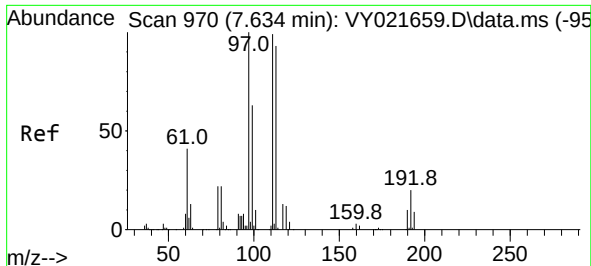
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.0 0.0 29.8

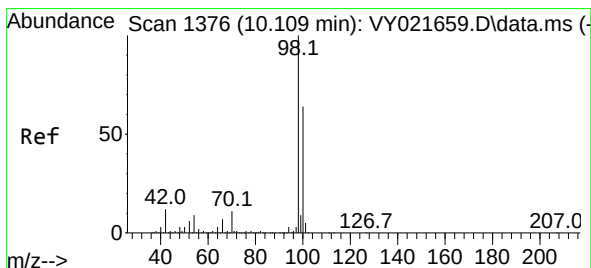
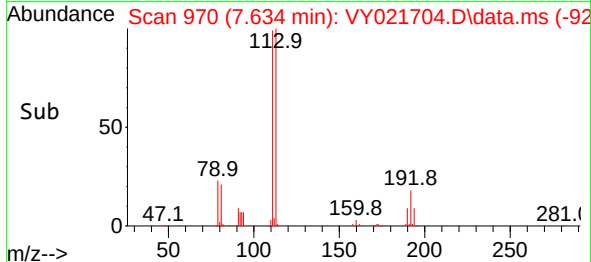
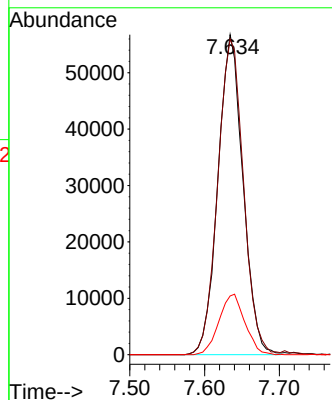
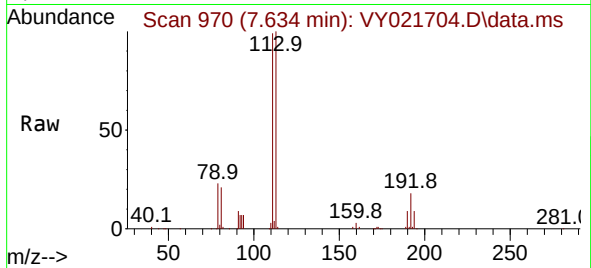




#35
Dibromofluoromethane
Concen: 53.492 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021704.D
Acq: 28 Mar 2025 19:55

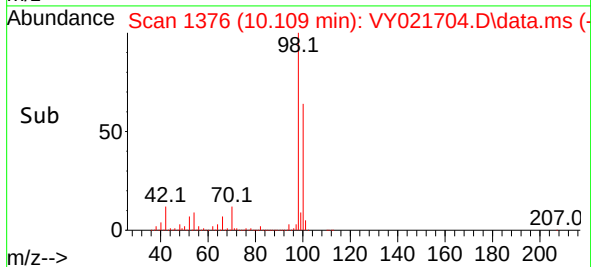
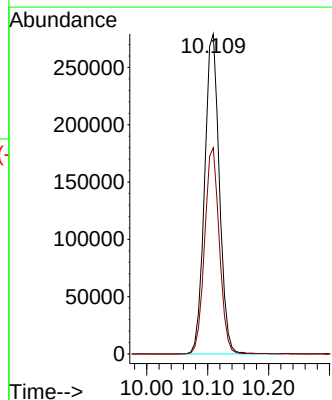
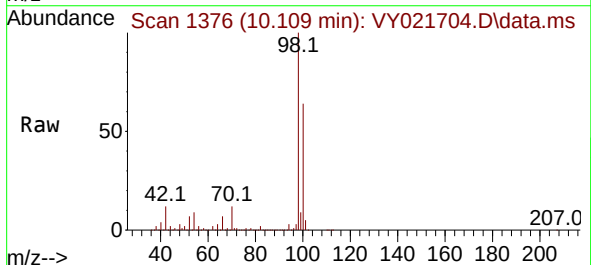
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-007-01

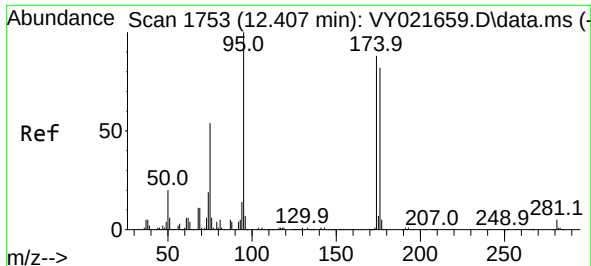
Tgt Ion:113 Resp: 132149
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 19.5 16.2 24.4



#50
Toluene-d8
Concen: 49.940 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021704.D
Acq: 28 Mar 2025 19:55

Tgt Ion: 98 Resp: 469358
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

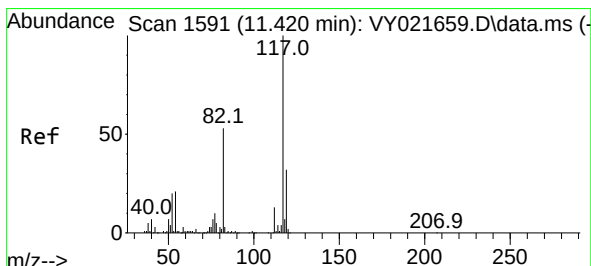
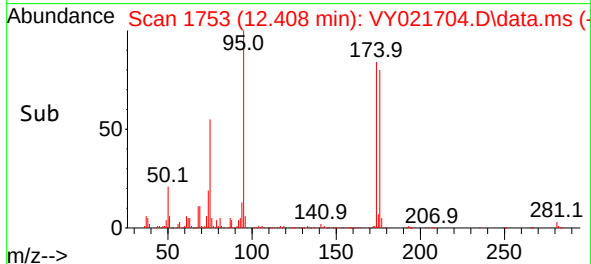
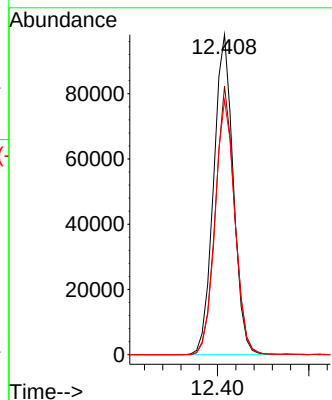
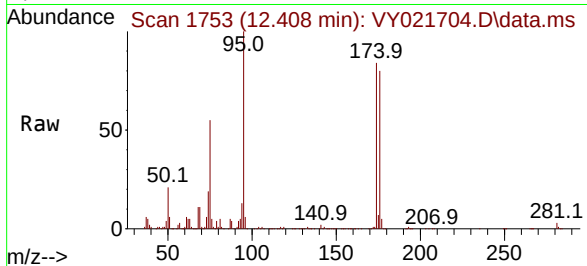




#62
4-Bromofluorobenzene
Concen: 46.034 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021704.D
Acq: 28 Mar 2025 19:55

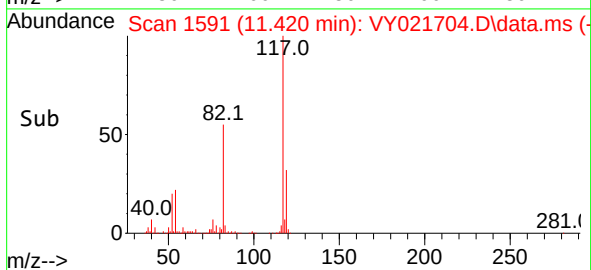
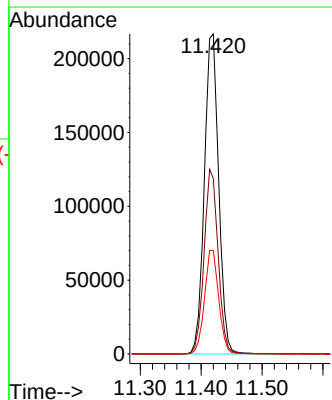
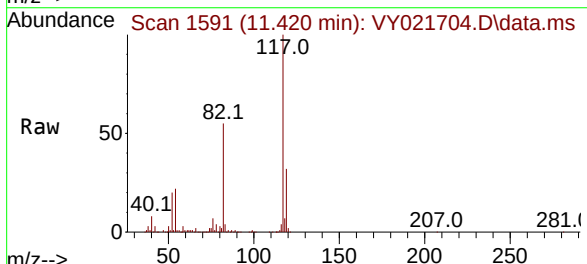
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-007-01

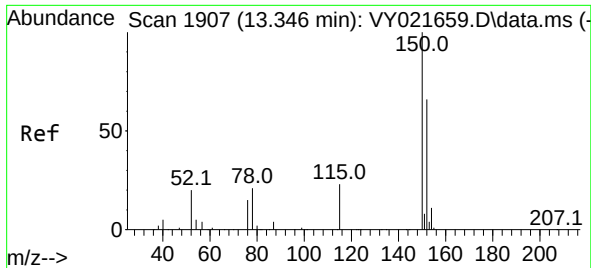
Tgt Ion: 95 Resp: 146340
Ion Ratio Lower Upper
95 100
174 82.4 0.0 170.8
176 80.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021704.D
Acq: 28 Mar 2025 19:55

Tgt Ion: 117 Resp: 353621
Ion Ratio Lower Upper
117 100
82 54.8 42.8 64.2
119 32.4 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: VY021704.D

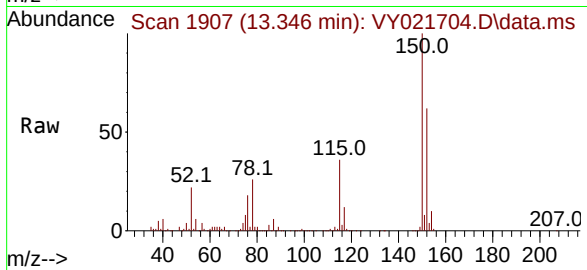
Acq: 28 Mar 2025 19:55

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-007-01



Tgt Ion:152 Resp: 142833

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.7 0.0 348.4

