

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021702.D
 Acq On : 28 Mar 2025 19:09
 Operator : SY/MD
 Sample : Q1664-15
 Misc : 3.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-005-01

Quant Time: Mar 28 23:48:26 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)

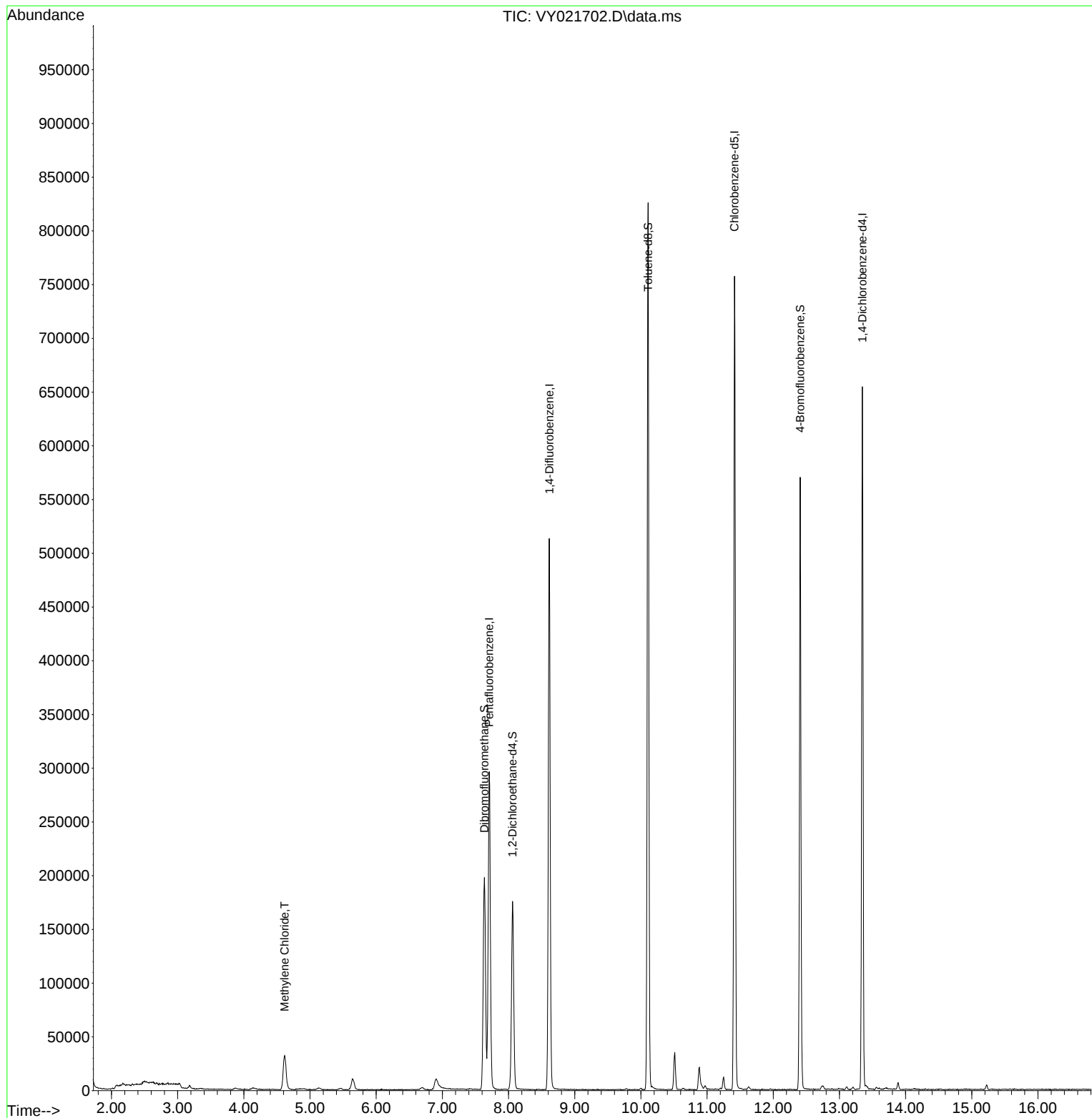
Internal Standards						
1) Pentafluorobenzene	7.707	168	217469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	415021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	390450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135891	57.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.340%
35) Dibromofluoromethane	7.634	113	141286	52.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.109	98	516526	50.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.408	95	160413	46.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.600%
Target Compounds						
20) Methylene Chloride	4.616	84	23502	6.603	ug/l	Qvalue 94

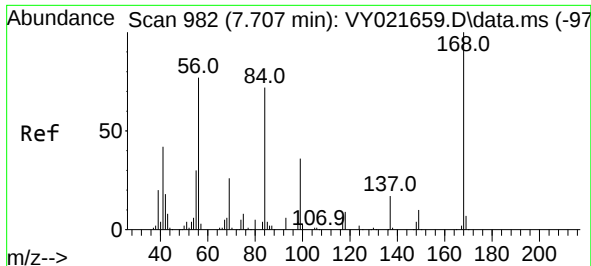
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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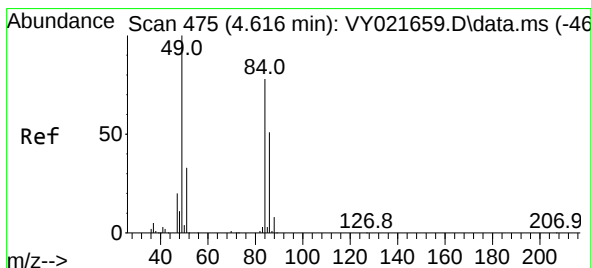
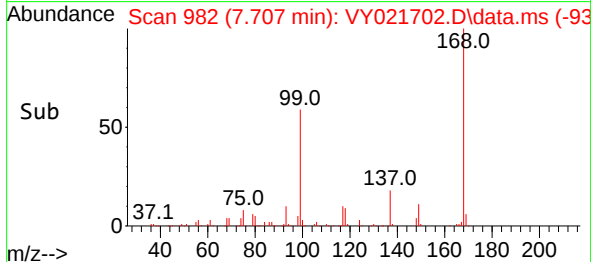
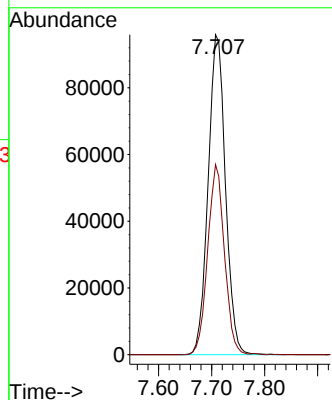
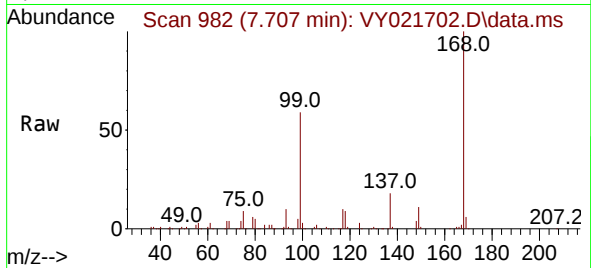




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

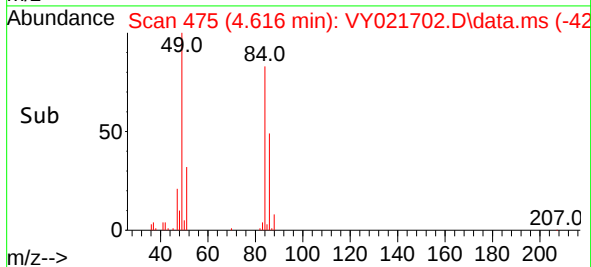
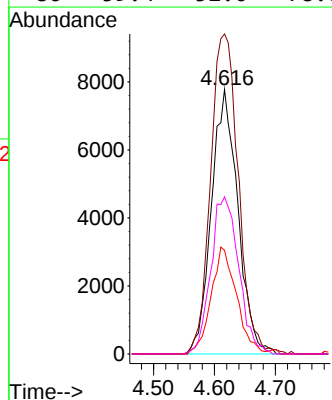
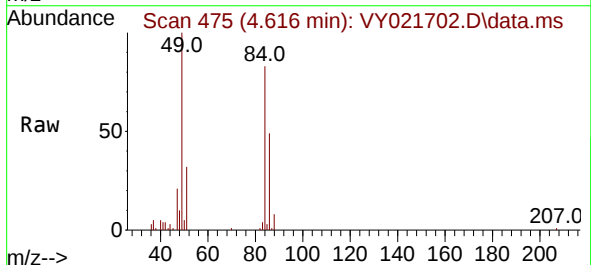
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-005-01

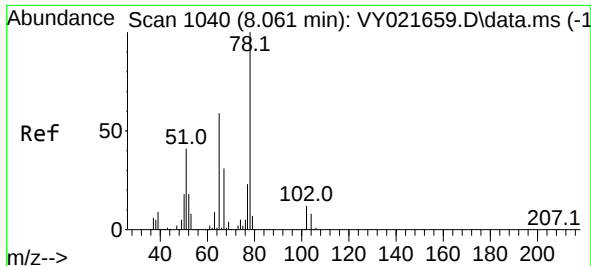
Tgt Ion:168 Resp: 217469
Ion Ratio Lower Upper
168 100
99 59.4 46.7 70.1



#20
Methylene Chloride
Concen: 6.603 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion: 84 Resp: 23502
Ion Ratio Lower Upper
84 100
49 120.9 102.8 154.2
51 39.2 33.5 50.3
86 59.4 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 57.673 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021702.D

Acq: 28 Mar 2025 19:09

Instrument :

MSVOA_Y

ClientSampleId :

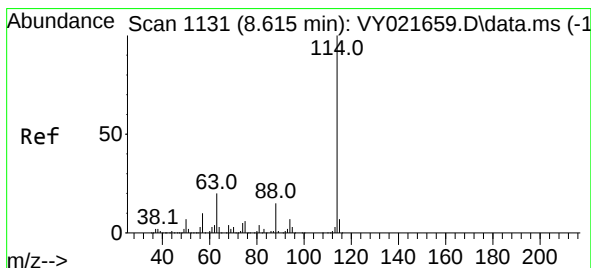
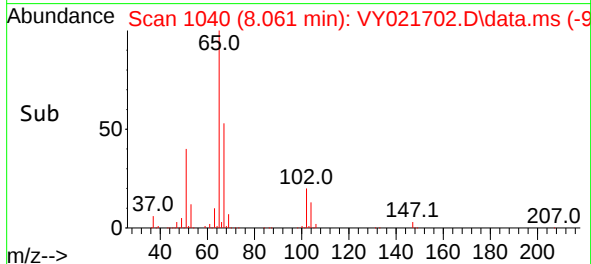
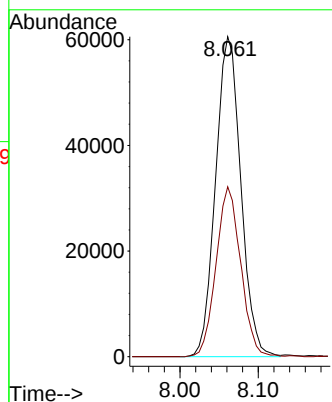
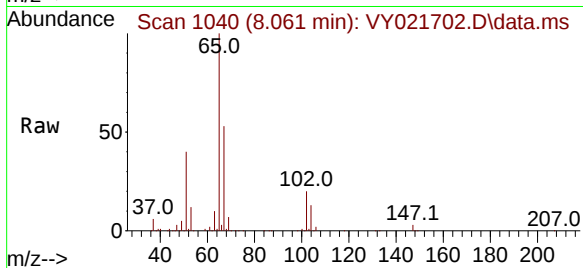
P001-BBDGA-005-01

Tgt Ion: 65 Resp: 135891

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021702.D

Acq: 28 Mar 2025 19:09

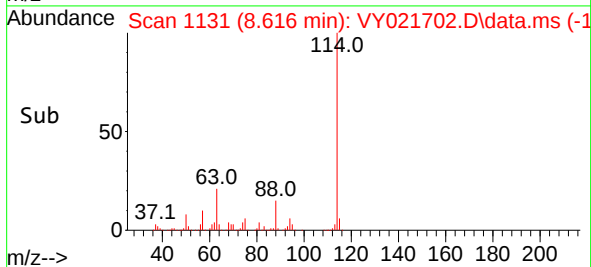
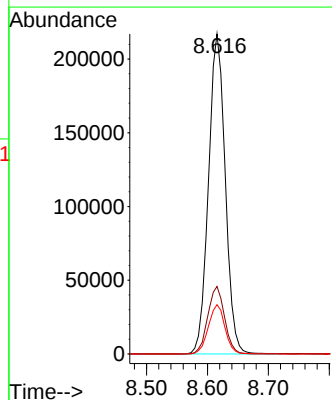
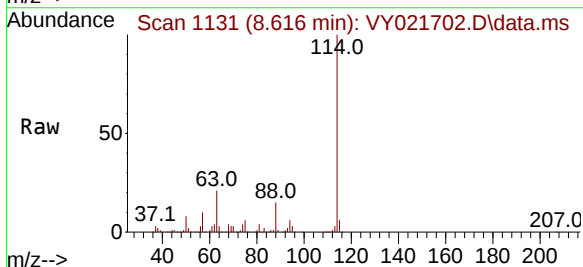
Tgt Ion: 114 Resp: 415021

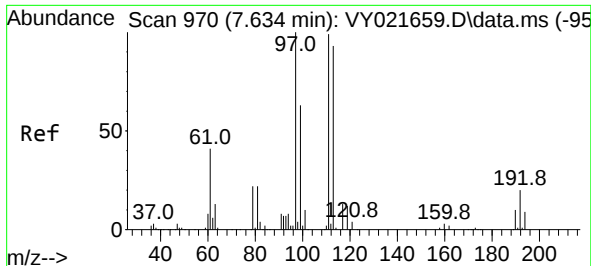
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 15.4 0.0 29.8

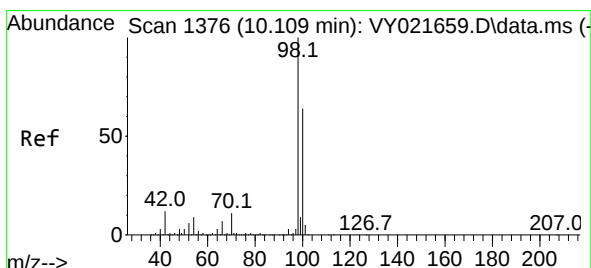
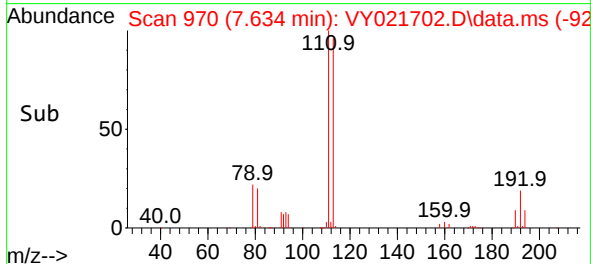
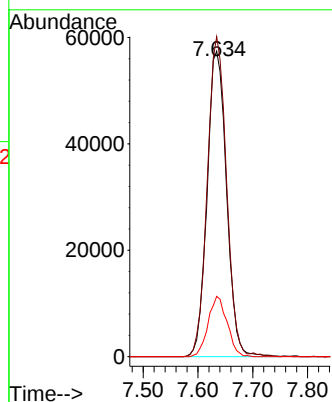
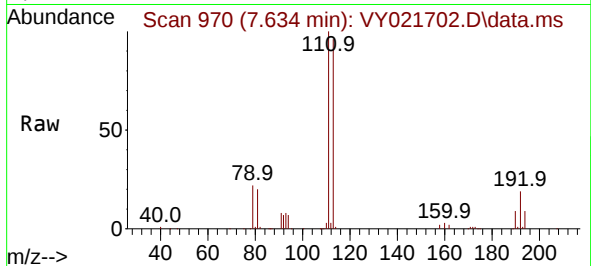




#35
 Dibromofluoromethane
 Concen: 52.480 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021702.D
 Acq: 28 Mar 2025 19:09

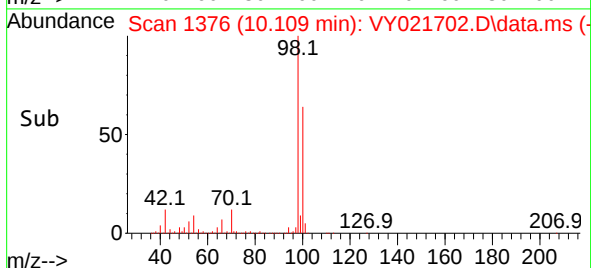
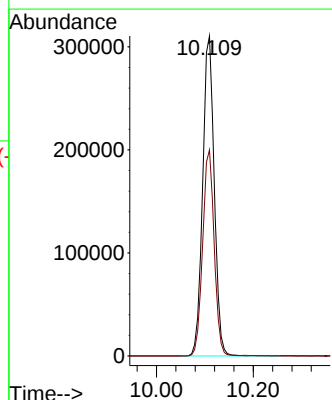
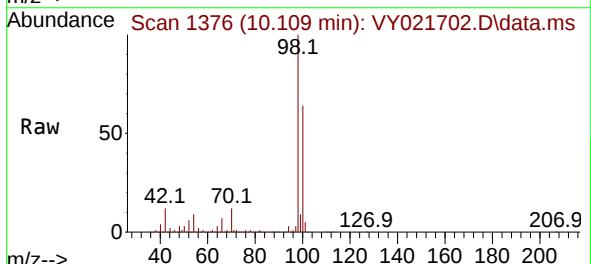
Instrument :
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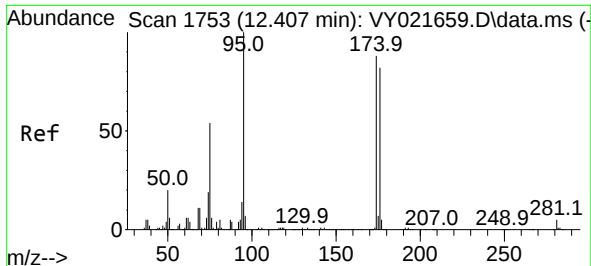
Tgt Ion:	113	Resp:	141286
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.3	16.2	24.4



#50
 Toluene-d8
 Concen: 50.433 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY021702.D
 Acq: 28 Mar 2025 19:09

Tgt Ion:	98	Resp:	516526
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1

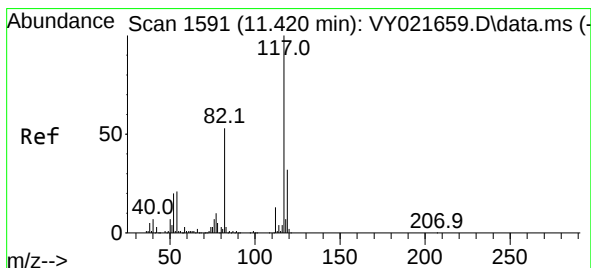
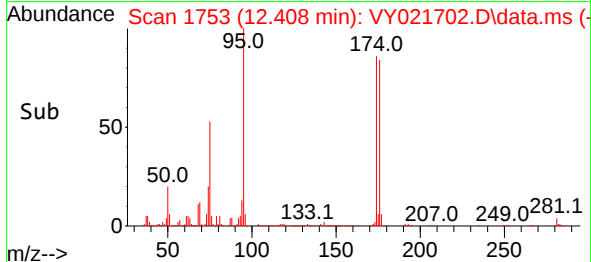
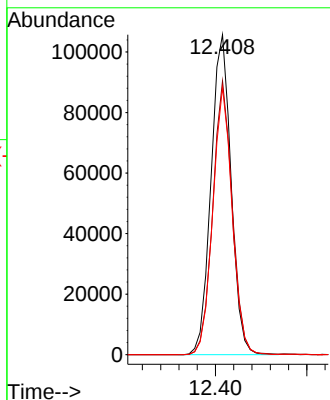
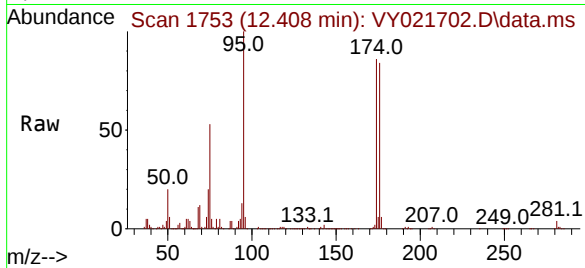




#62
4-Bromofluorobenzene
Concen: 46.305 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

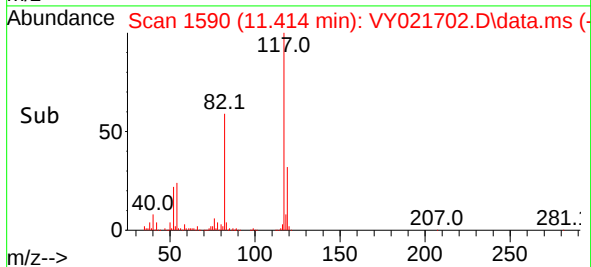
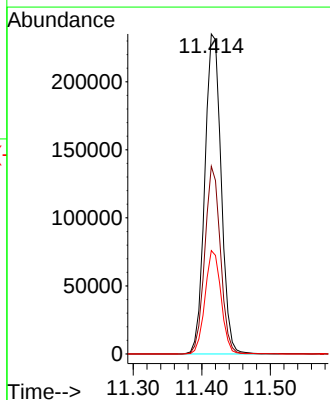
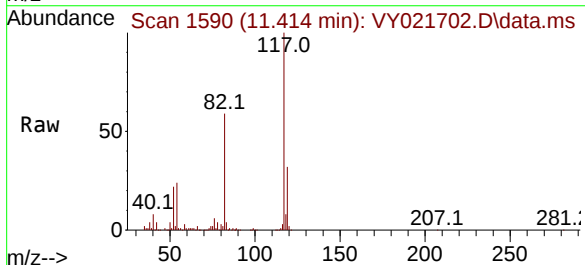
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-005-01

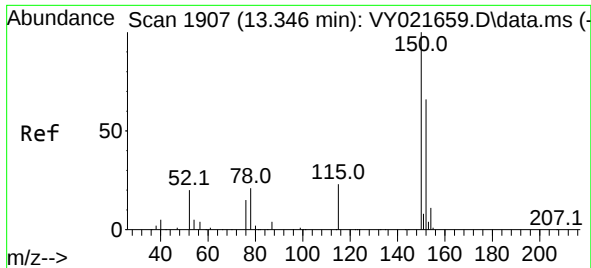
Tgt Ion: 95 Resp: 160413
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.8
176 81.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion: 117 Resp: 390450
Ion Ratio Lower Upper
117 100
82 58.7 42.8 64.2
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021702.D

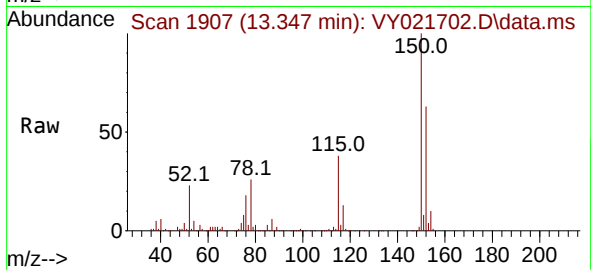
Acq: 28 Mar 2025 19:09

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-005-01



Tgt Ion:152 Resp: 155440

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 157.9 0.0 348.4

