

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
 Data File : VY022205.D
 Acq On : 08 May 2025 13:05
 Operator : SY/MD
 Sample : Q1982-01
 Misc : 24.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: May 09 05:06:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

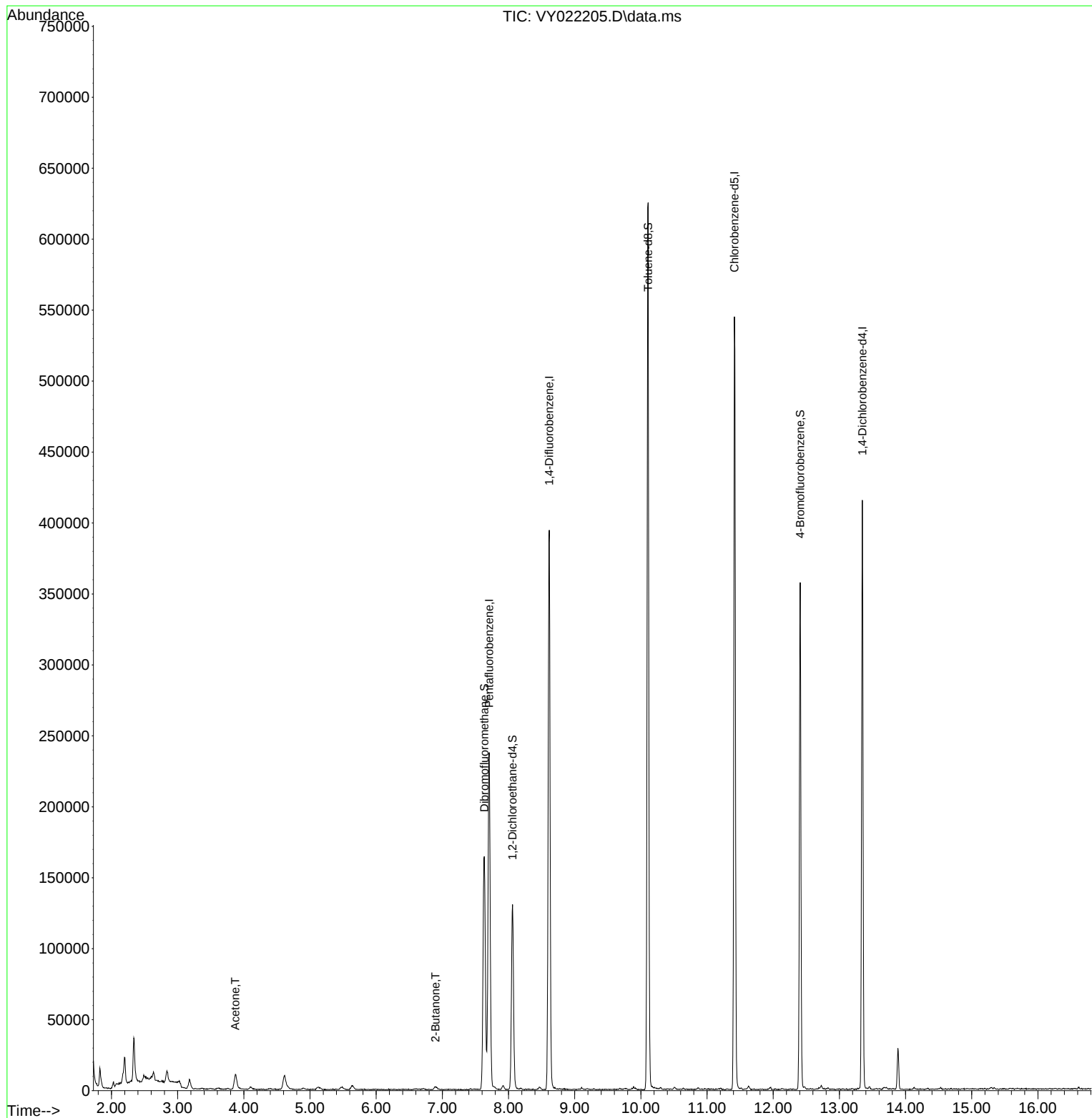
Internal Standards						
1) Pentafluorobenzene	7.707	168	185769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	341540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	302049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	105594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103422	60.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.540%
35) Dibromofluoromethane	7.634	113	120821	53.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.109	98	416136	48.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.408	95	107627	37.584	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.160%
Target Compounds						
16) Acetone	3.873	43	19127	69.761	ug/l	96
25) 2-Butanone	6.896	43	3233	8.266	ug/l #	88

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
Data File : VY022205.D
Acq On : 08 May 2025 13:05
Operator : SY/MD
Sample : Q1982-01
Misc : 24.58g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Quant Time: May 09 05:06:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

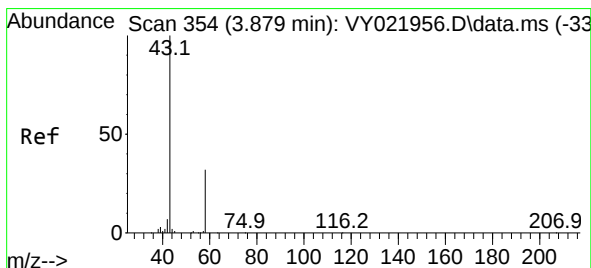
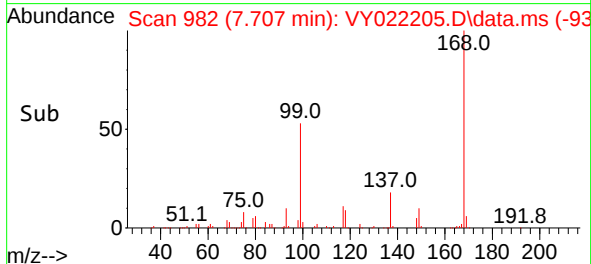
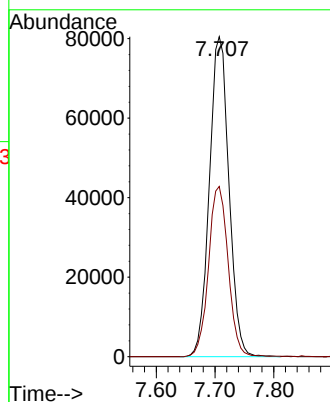
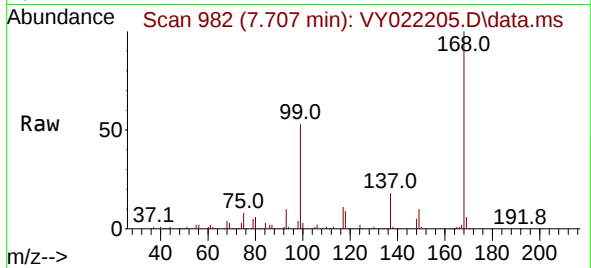




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022205.D
Acq: 08 May 2025 13:05

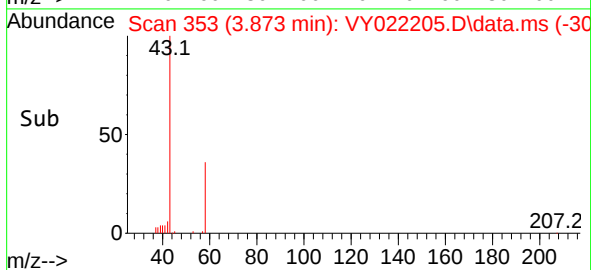
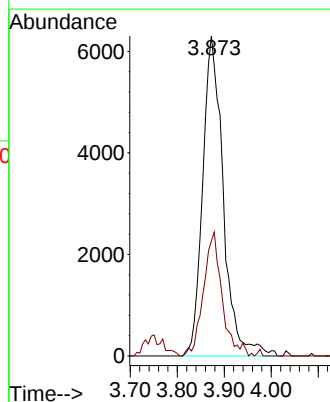
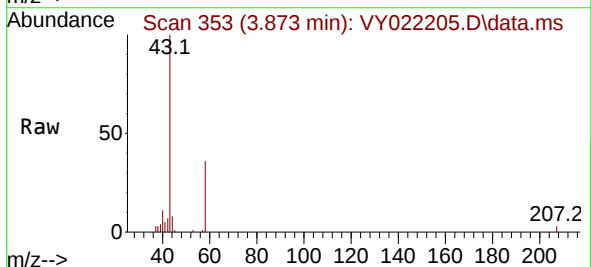
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

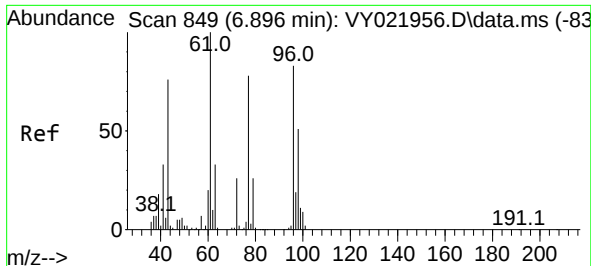
Tgt Ion:168 Resp: 185769
Ion Ratio Lower Upper
168 100
99 53.2 43.1 64.7



#16
Acetone
Concen: 69.761 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022205.D
Acq: 08 May 2025 13:05

Tgt Ion: 43 Resp: 19127
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.4





#25

2-Butanone

Concen: 8.266 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022205.D

Acq: 08 May 2025 13:05

Instrument :

MSVOA_Y

ClientSampleId :

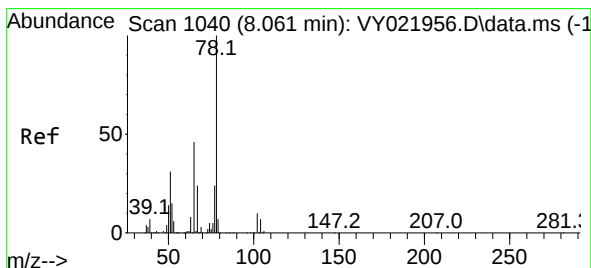
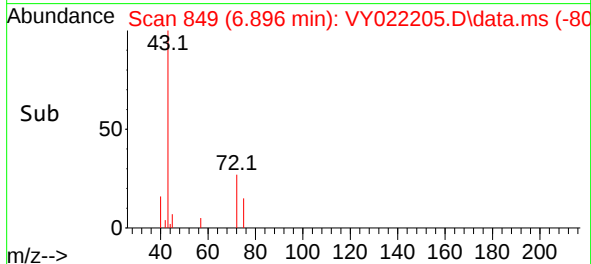
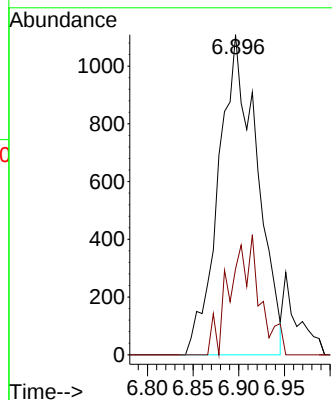
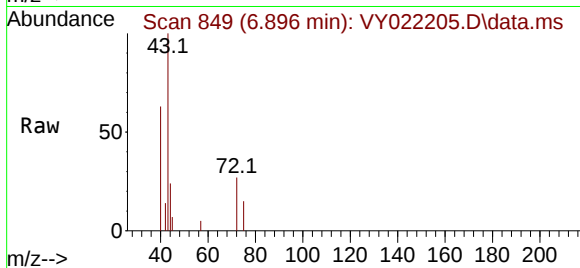
TP-1

Tgt Ion: 43 Resp: 3233

Ion Ratio Lower Upper

43 100

72 26.9 27.0 40.4#



#33

1,2-Dichloroethane-d4

Concen: 60.272 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022205.D

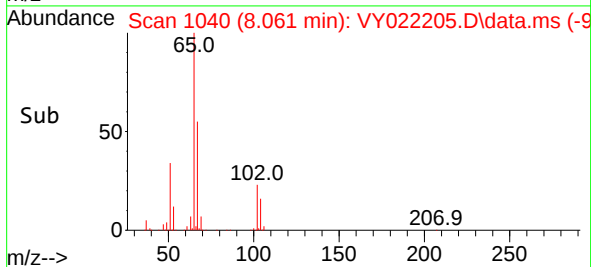
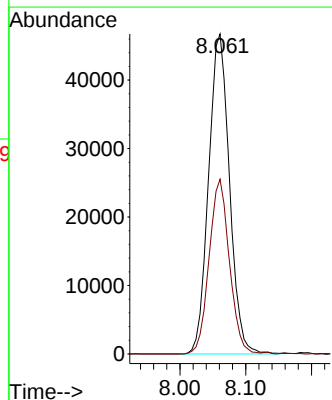
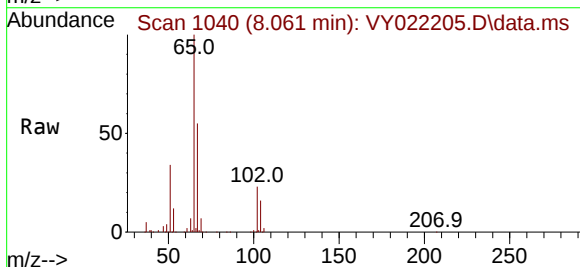
Acq: 08 May 2025 13:05

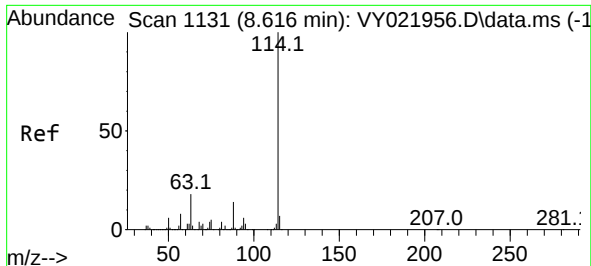
Tgt Ion: 65 Resp: 103422

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8

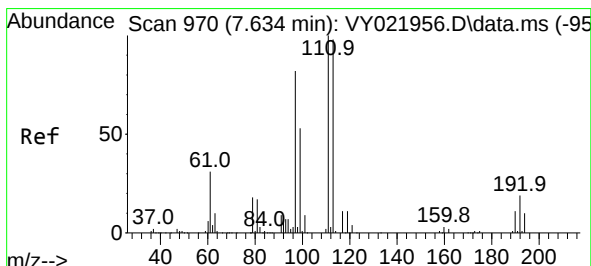
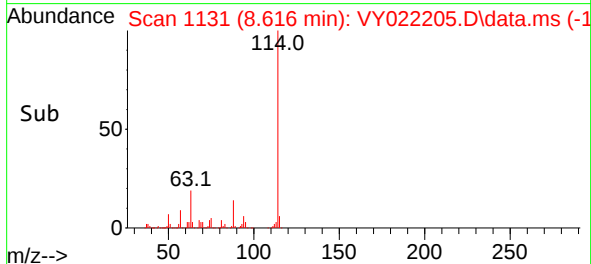
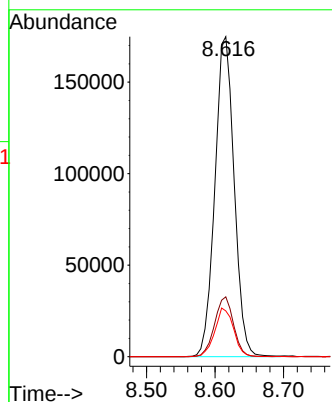
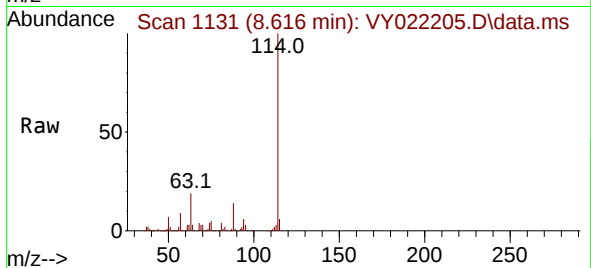




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022205.D
Acq: 08 May 2025 13:05

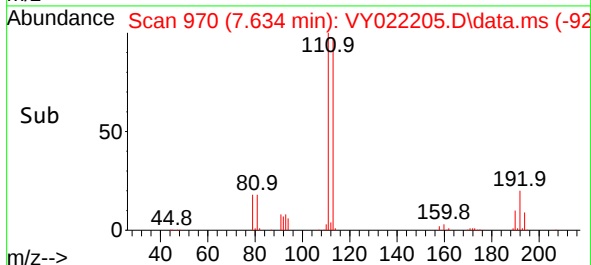
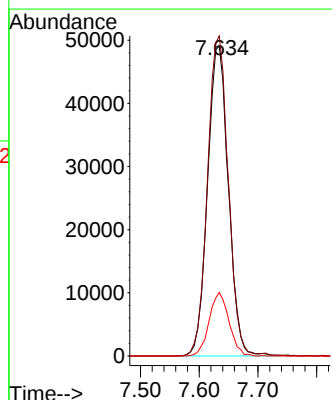
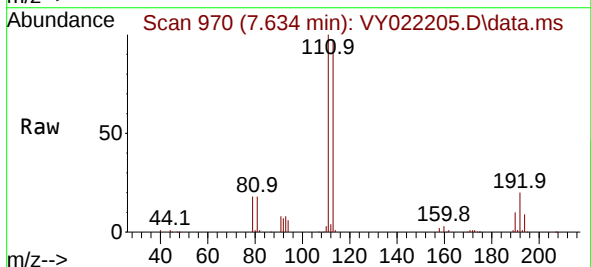
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

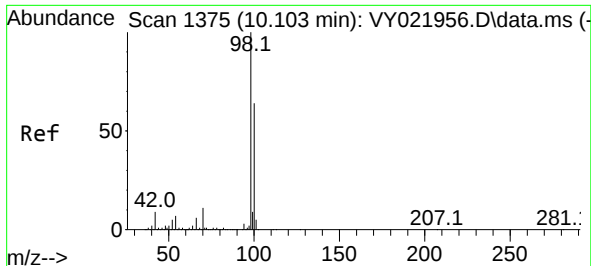
Tgt Ion:114 Resp: 341540
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.4
88 14.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 53.546 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022205.D
Acq: 08 May 2025 13:05

Tgt Ion:113 Resp: 120821
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 19.6 15.6 23.4

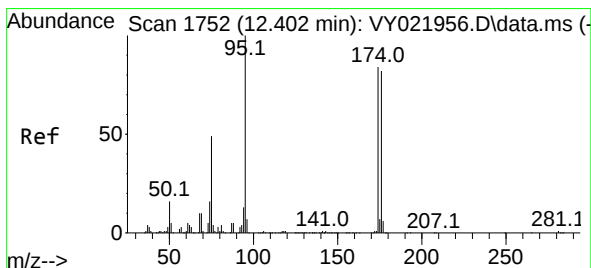
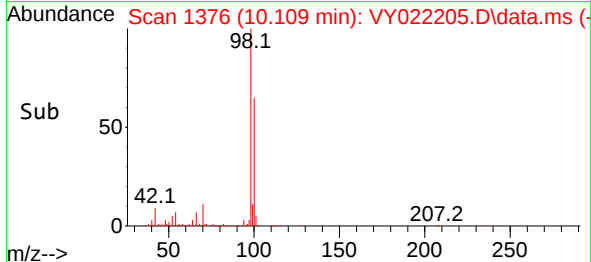
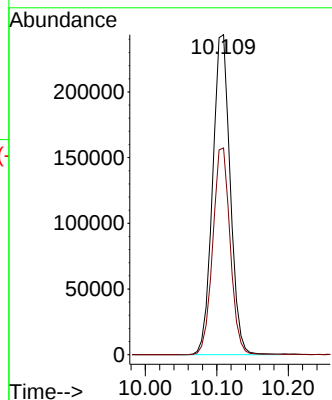
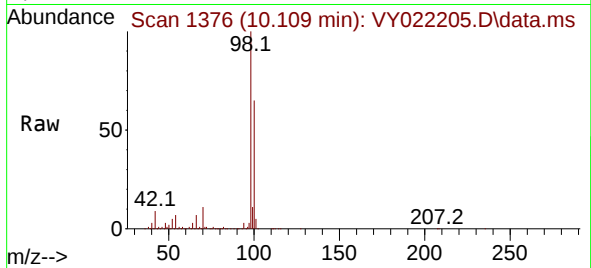




#50
Toluene-d8
Concen: 48.919 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022205.D
Acq: 08 May 2025 13:05

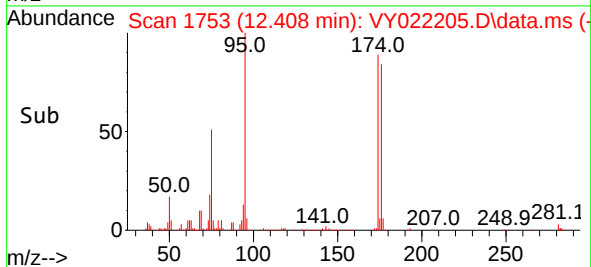
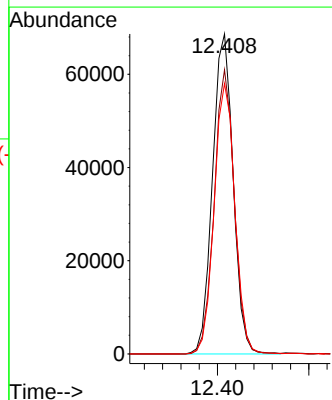
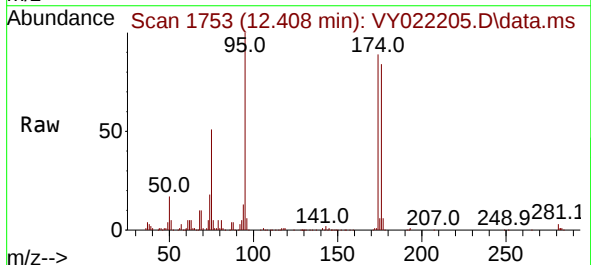
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

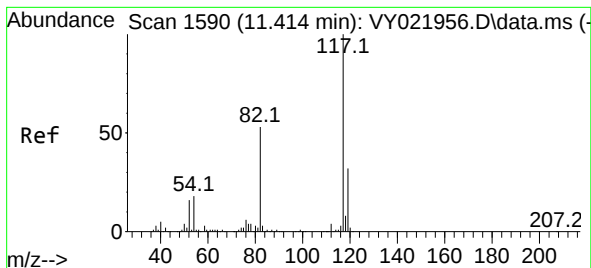
Tgt Ion: 98 Resp: 416136
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.584 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022205.D
Acq: 08 May 2025 13:05

Tgt Ion: 95 Resp: 107627
Ion Ratio Lower Upper
95 100
174 86.7 0.0 179.0
176 84.9 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022205.D

Acq: 08 May 2025 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

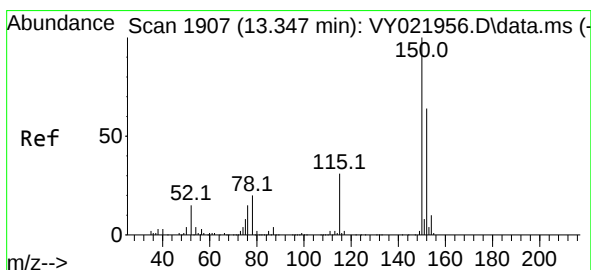
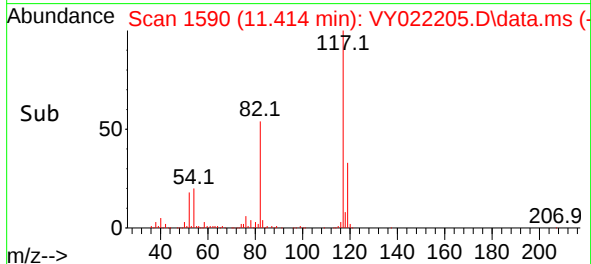
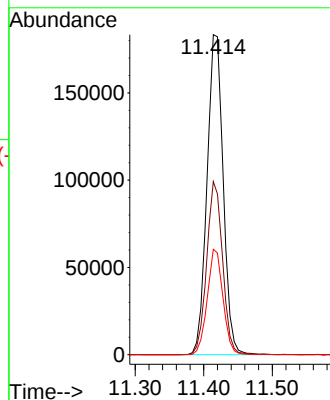
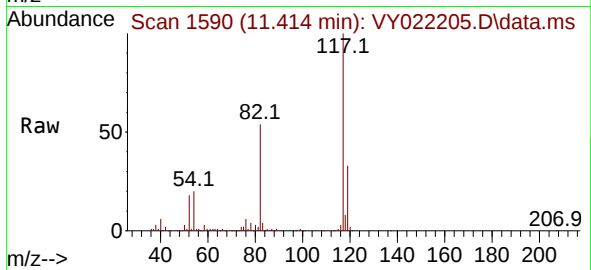
Tgt Ion:117 Resp: 302049

Ion Ratio Lower Upper

117 100

82 54.1 42.1 63.1

119 32.9 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: VY022205.D

Acq: 08 May 2025 13:05

Tgt Ion:152 Resp: 105594

Ion Ratio Lower Upper

152 100

115 57.4 28.0 84.0

150 158.1 0.0 345.6

