

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022462.D
 Acq On : 29 May 2025 13:12
 Operator : SY/MD
 Sample : Q2150-03
 Misc : 7.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-39

Quant Time: May 30 05:34:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

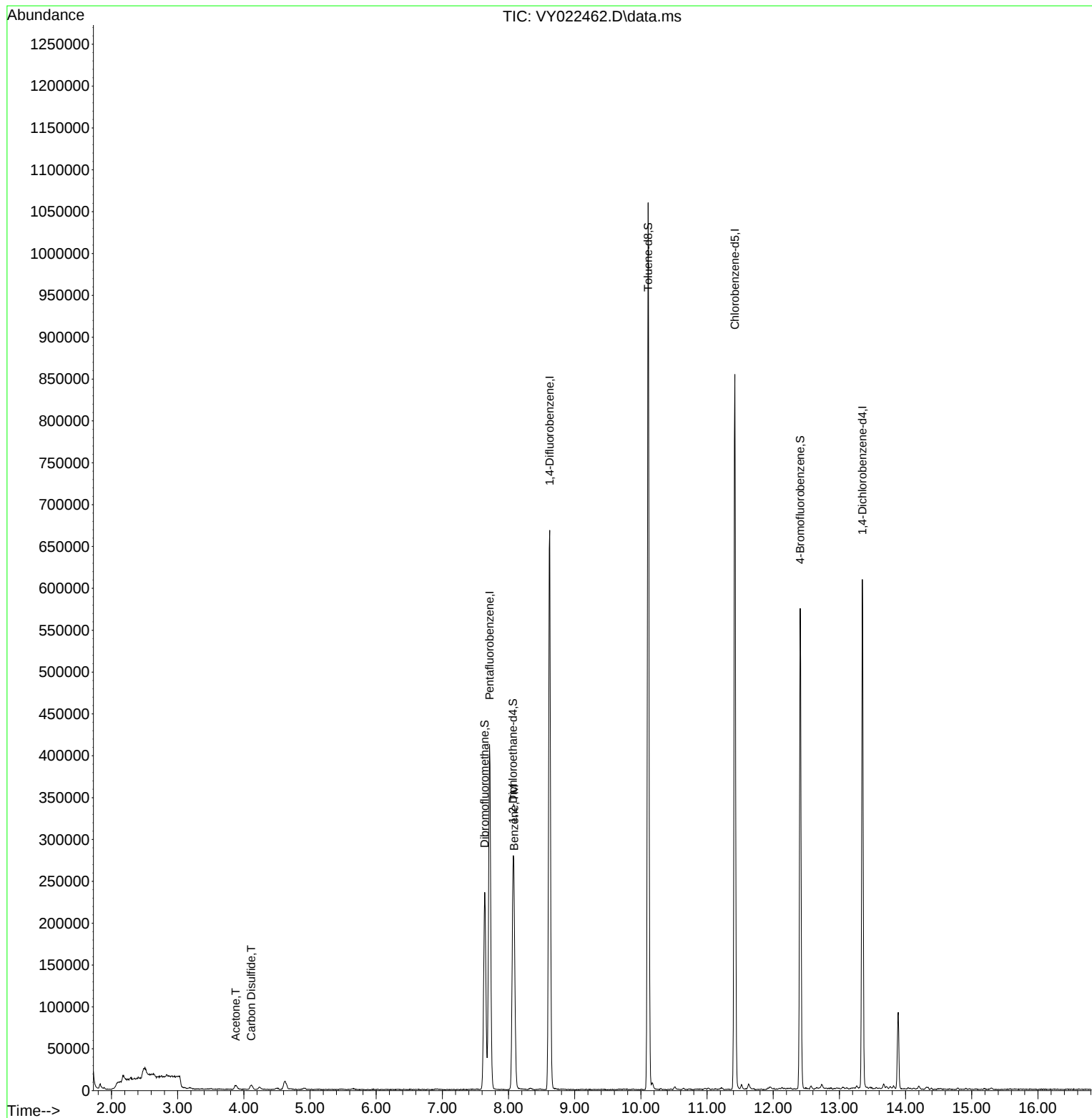
Internal Standards						
1) Pentafluorobenzene	7.713	168	305036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	550366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	413432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	137454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	155110	48.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.640	113	160938	49.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.109	98	654242	49.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.408	95	150107	37.768	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.540%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	9000	17.046	ug/l	100
17) Carbon Disulfide	4.110	76	10283	1.008	ug/l #	95
40) Benzene	8.085	78	133528	8.774	ug/l	99

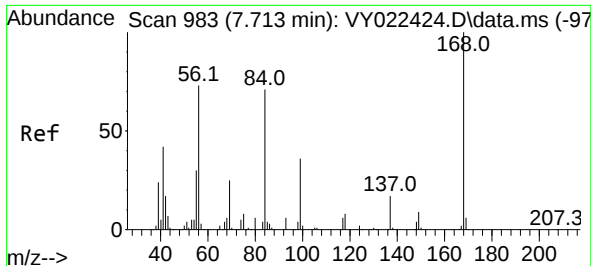
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
Data File : VY022462.D
Acq On : 29 May 2025 13:12
Operator : SY/MD
Sample : Q2150-03
Misc : 7.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-39

Quant Time: May 30 05:34:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

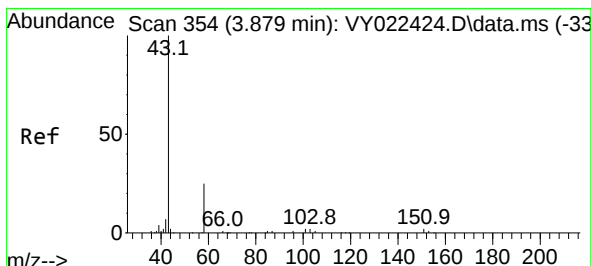
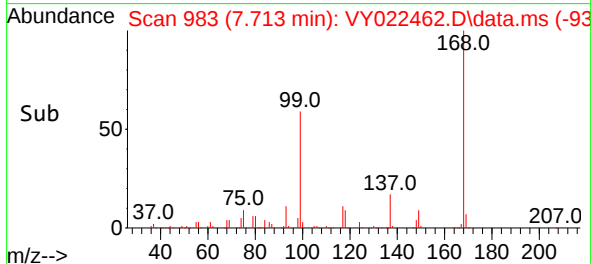
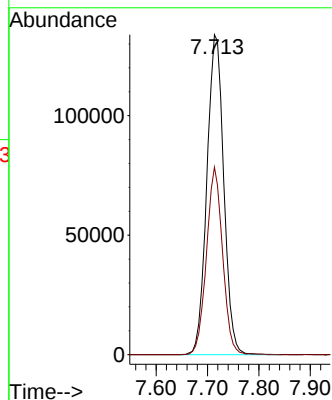
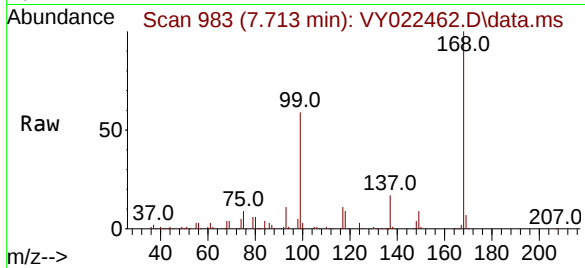




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

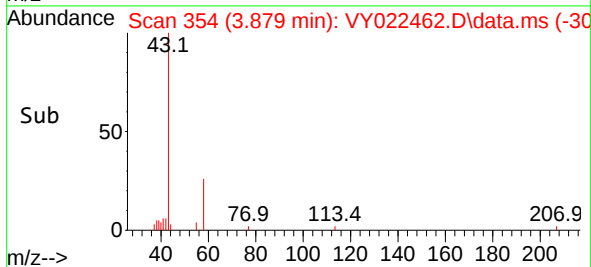
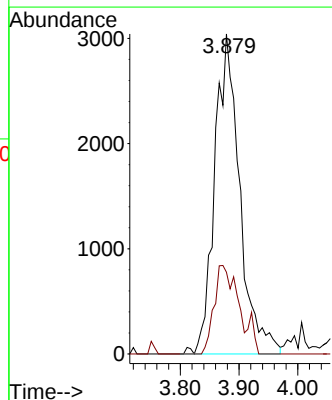
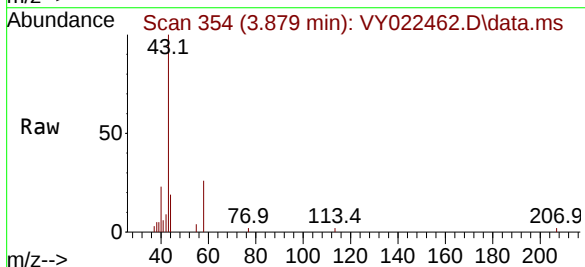
Instrument :
MSVOA_Y
ClientSampleId :
TP-39

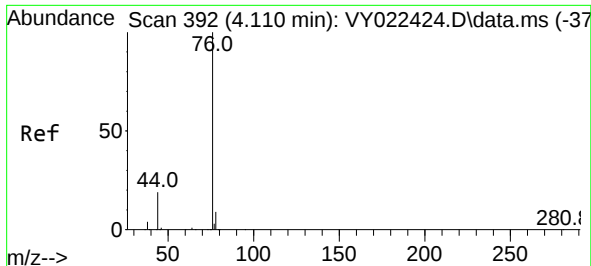
Tgt Ion:168 Resp: 305036
Ion Ratio Lower Upper
168 100
99 58.6 44.7 67.1



#16
Acetone
Concen: 17.046 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

Tgt Ion: 43 Resp: 9000
Ion Ratio Lower Upper
43 100
58 25.6 20.6 30.8

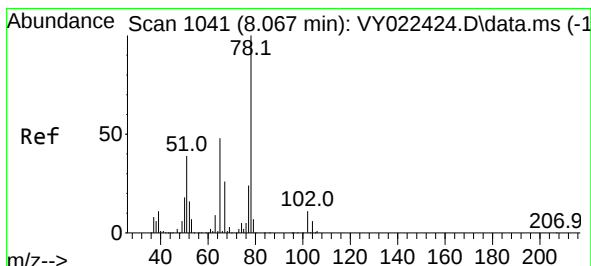
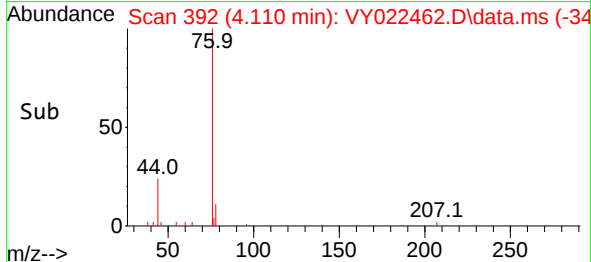
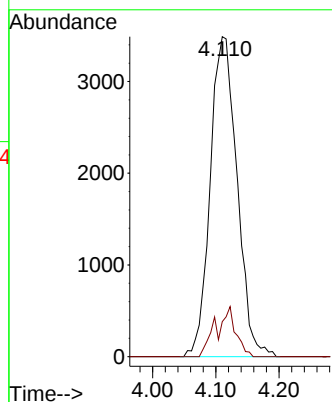
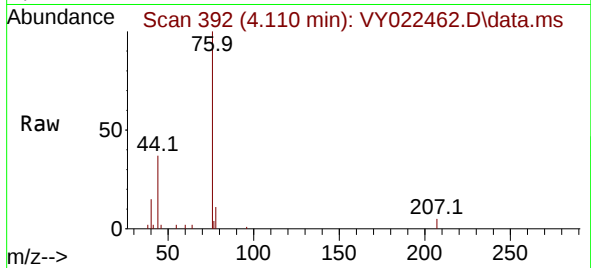




#17
Carbon Disulfide
Concen: 1.008 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

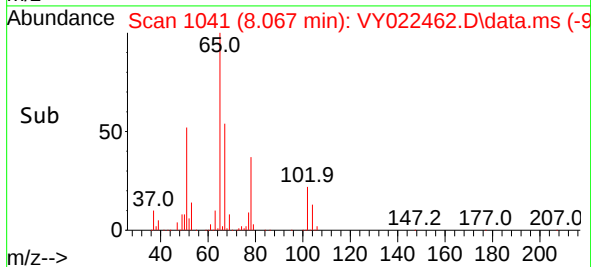
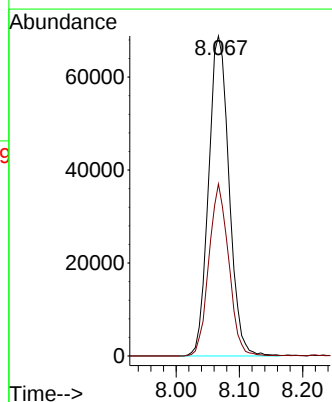
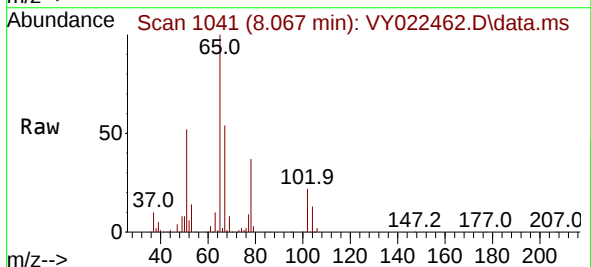
Instrument :
MSVOA_Y
ClientSampleId :
TP-39

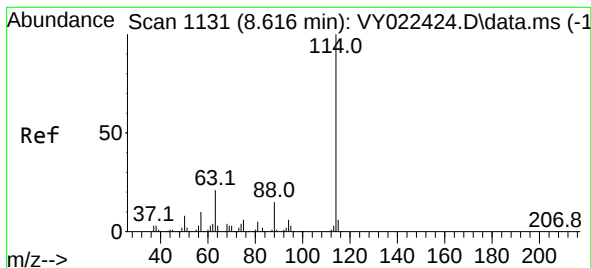
Tgt Ion: 76 Resp: 10283
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 48.276 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

Tgt Ion: 65 Resp: 155110
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022462.D

Acq: 29 May 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-39

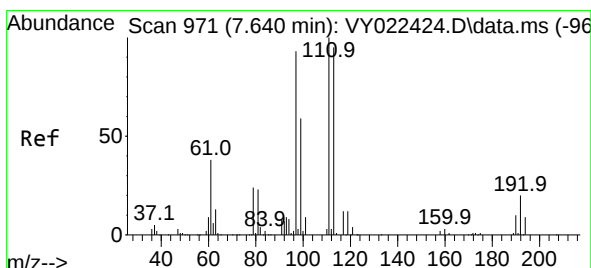
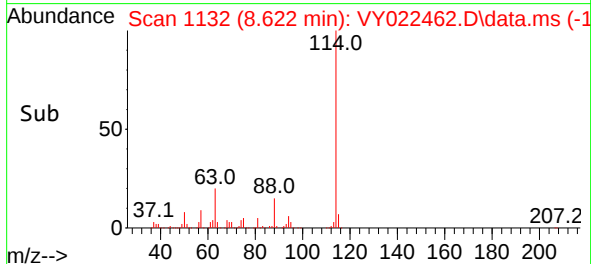
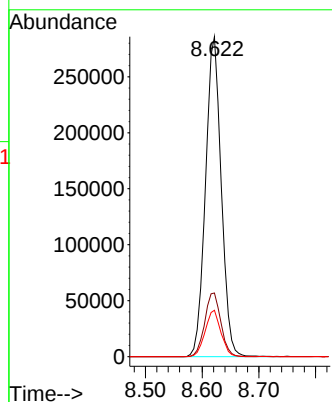
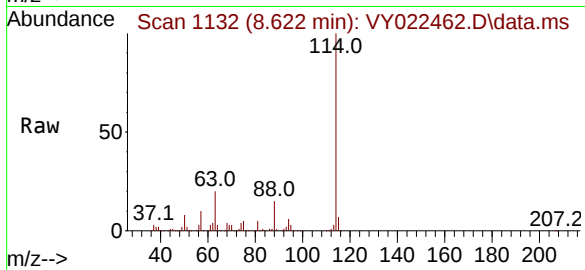
Tgt Ion:114 Resp: 550366

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 14.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.933 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY022462.D

Acq: 29 May 2025 13:12

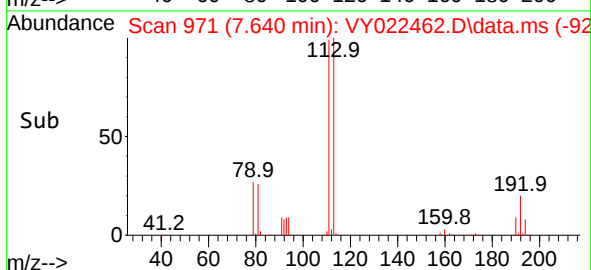
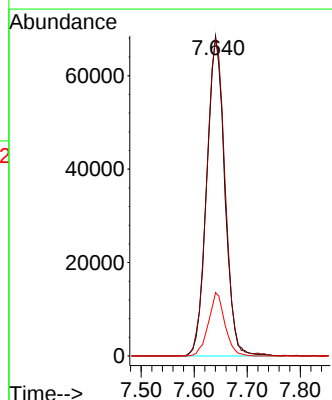
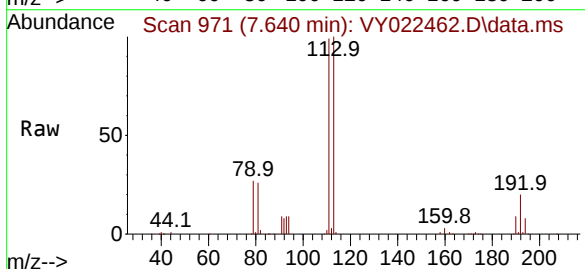
Tgt Ion:113 Resp: 160938

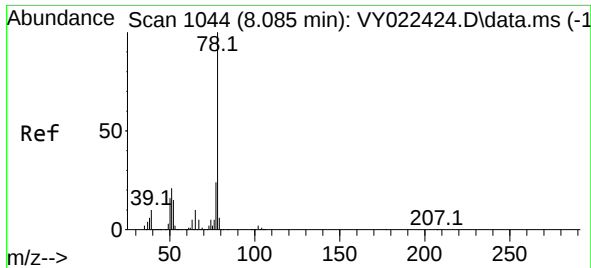
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 18.2 15.2 22.8

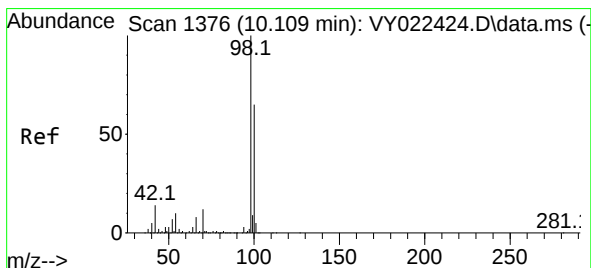
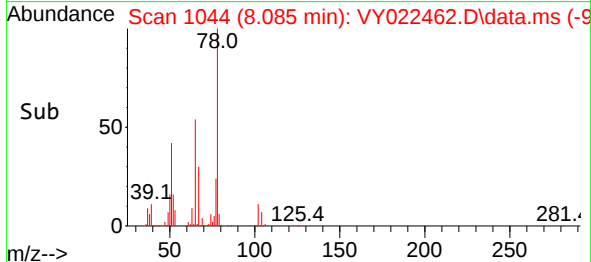
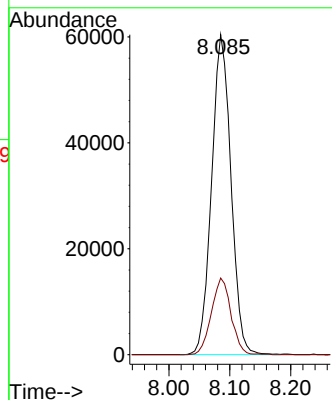
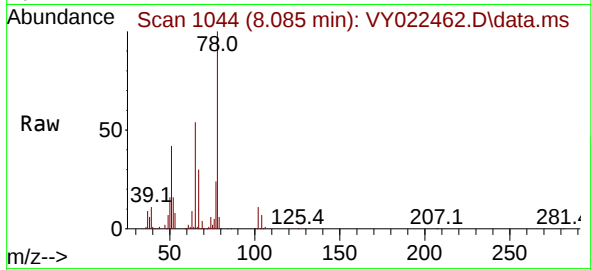




#40
Benzene
Concen: 8.774 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

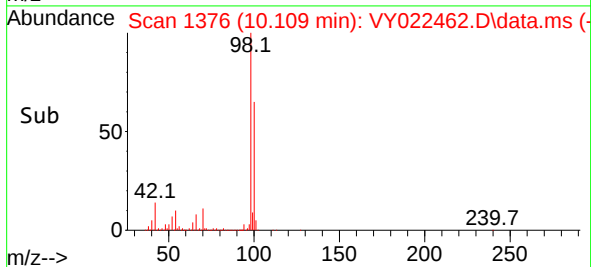
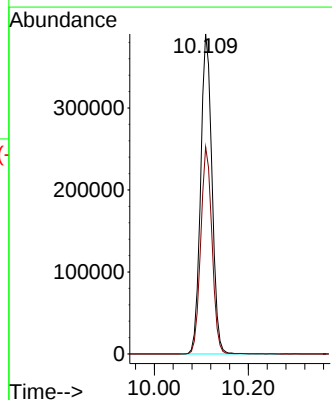
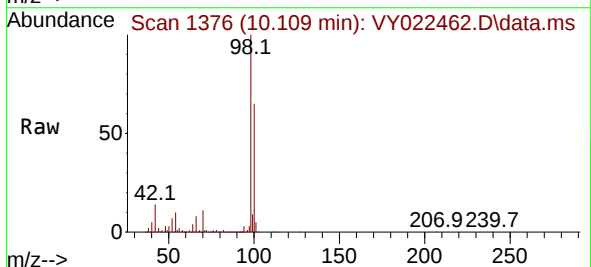
Instrument :
MSVOA_Y
ClientSampleId :
TP-39

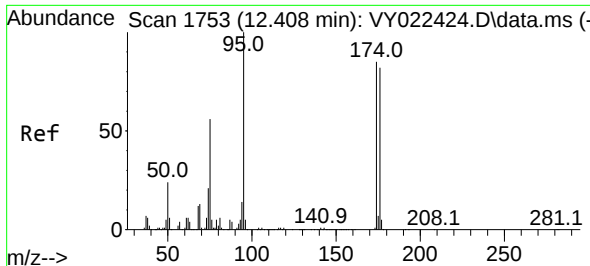
Tgt Ion: 78 Resp: 133528
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2



#50
Toluene-d8
Concen: 49.793 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

Tgt Ion: 98 Resp: 654242
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

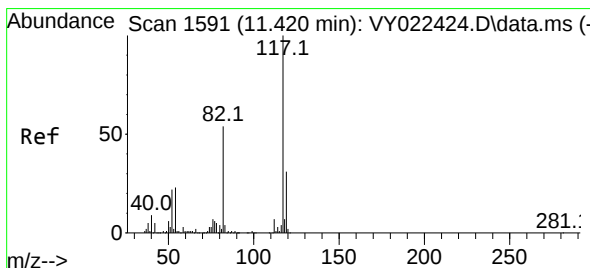
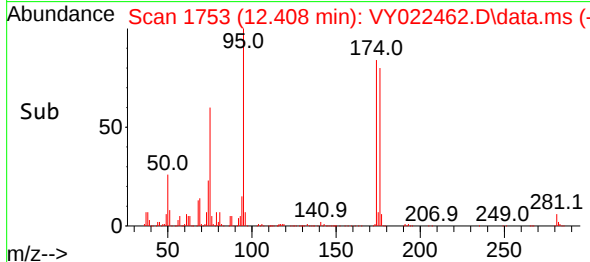
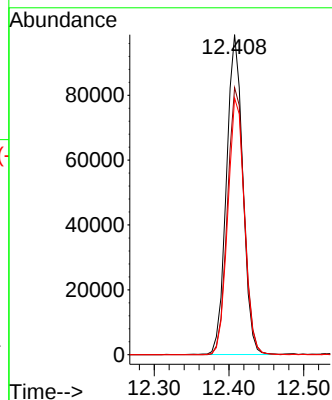
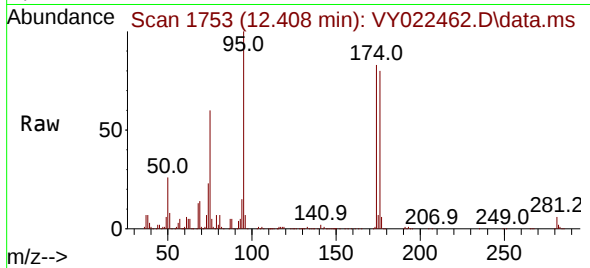




#62
4-Bromofluorobenzene
Concen: 37.768 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

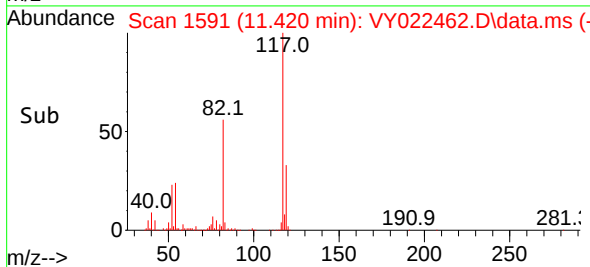
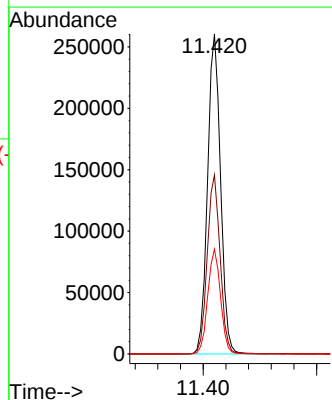
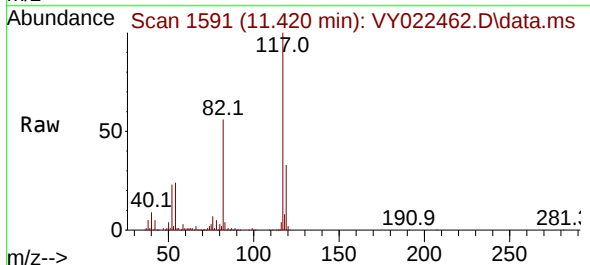
Instrument :
MSVOA_Y
ClientSampleId :
TP-39

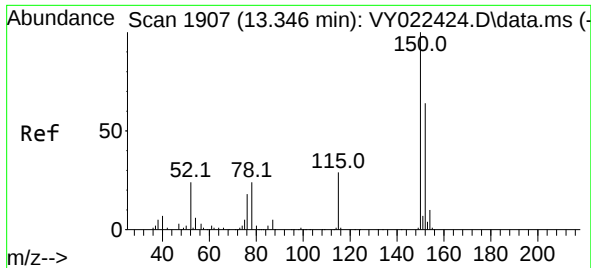
Tgt Ion: 95 Resp: 150107
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 81.6 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022462.D
Acq: 29 May 2025 13:12

Tgt Ion: 117 Resp: 413432
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 32.7 24.5 36.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022462.D
 Acq: 29 May 2025 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-39

Tgt Ion:152 Resp: 137454
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.4 85.3
 150 159.2 0.0 345.8

