

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022552.D
 Acq On : 04 Jun 2025 15:47
 Operator : SY/MD
 Sample : Q2198-01
 Misc : 8.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-202-SB02

Quant Time: Jun 05 04:17:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

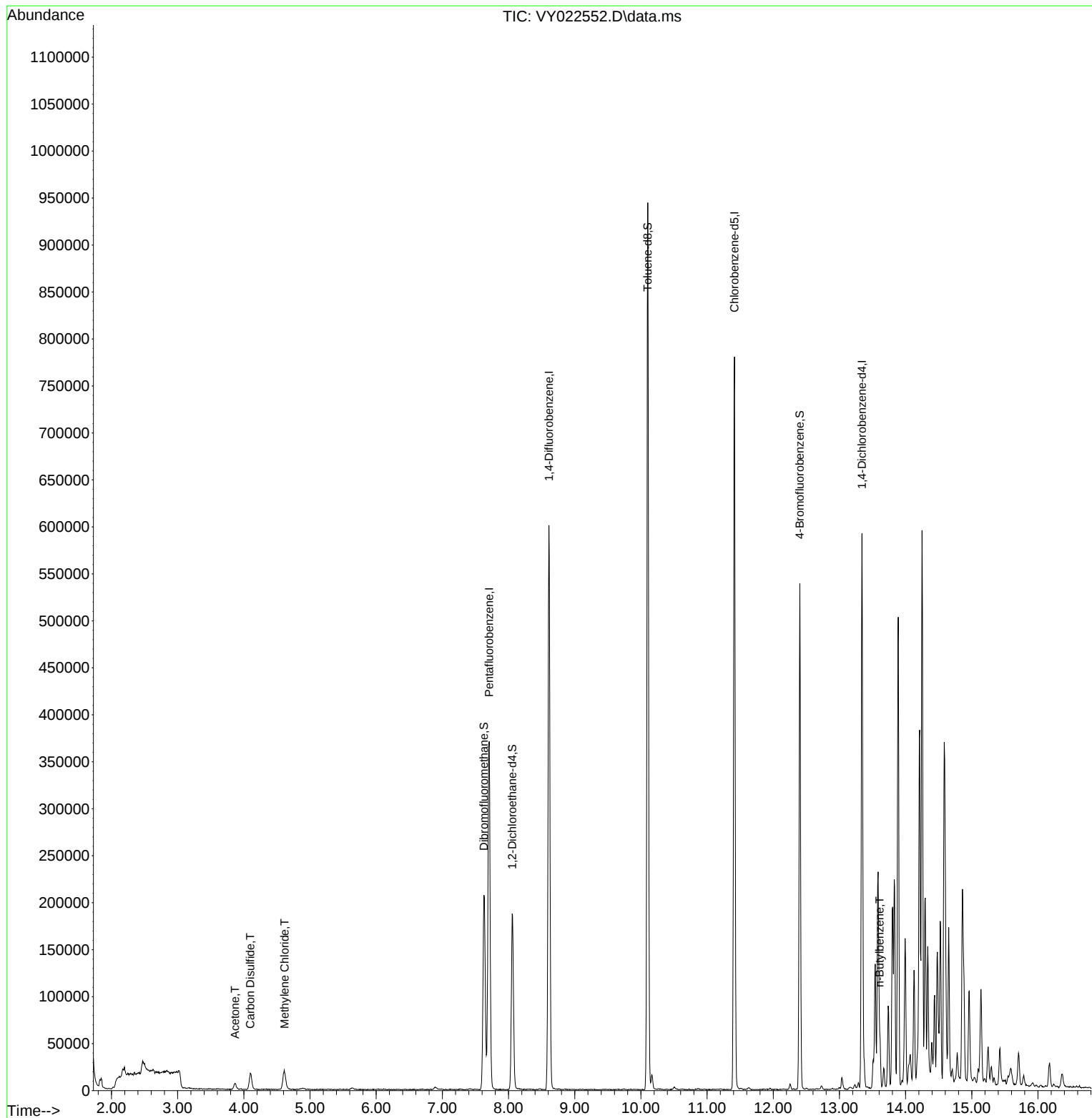
Internal Standards						
1) Pentafluorobenzene	7.707	168	276393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	491823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	374782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	132509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	138625	44.844	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.680%
35) Dibromofluoromethane	7.628	113	142837	48.657	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	583018	49.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.402	95	141487	40.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.060%
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	10330	16.454	ug/l	95
17) Carbon Disulfide	4.098	76	33091	3.566	ug/l	97
20) Methylene Chloride	4.616	84	14348	4.023	ug/l	92
89) n-Butylbenzene	13.609	91	23297	2.537	ug/l #	70

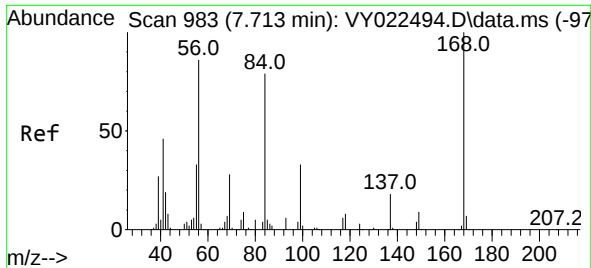
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022552.D
Acq On : 04 Jun 2025 15:47
Operator : SY/MD
Sample : Q2198-01
Misc : 8.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB02

Quant Time: Jun 05 04:17:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

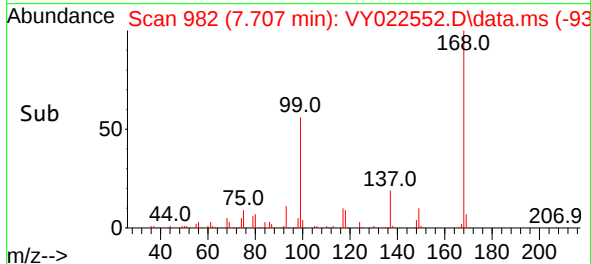
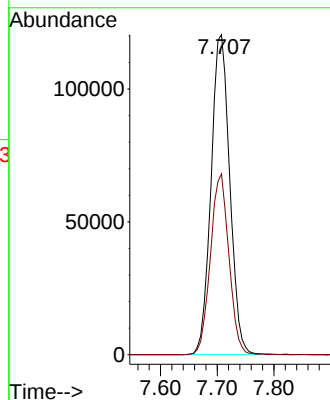
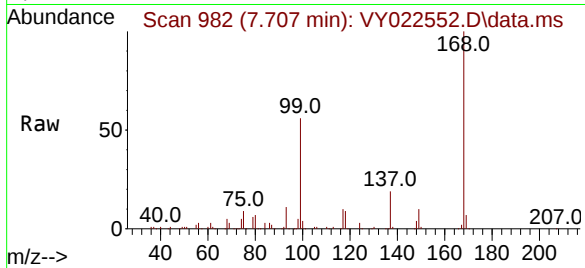




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

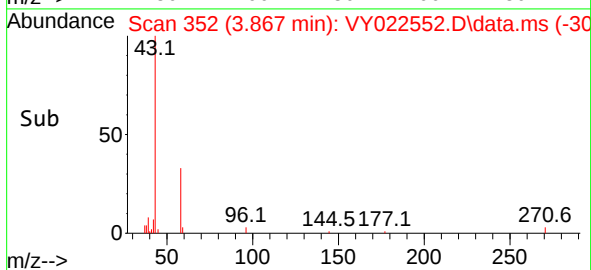
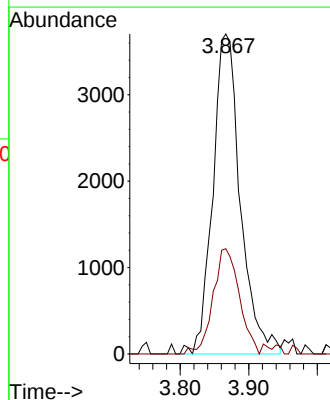
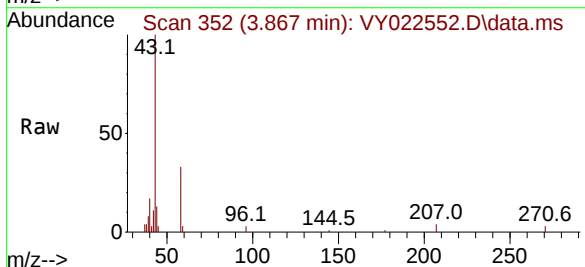
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB02

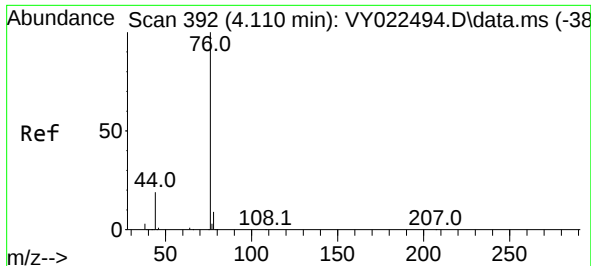
Tgt Ion:168 Resp: 276393
Ion Ratio Lower Upper
168 100
99 56.5 44.3 66.5



#16
Acetone
Concen: 16.454 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

Tgt Ion: 43 Resp: 10330
Ion Ratio Lower Upper
43 100
58 32.9 24.0 36.0

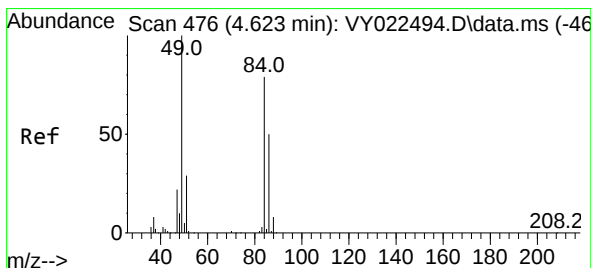
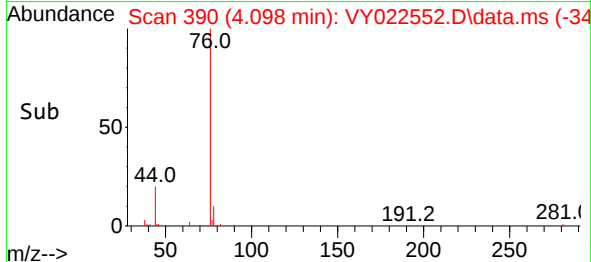
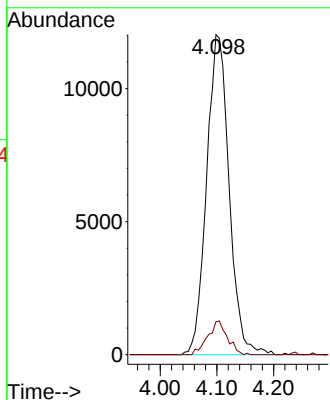
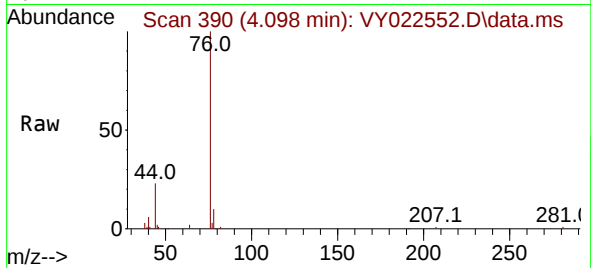




#17
Carbon Disulfide
Concen: 3.566 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

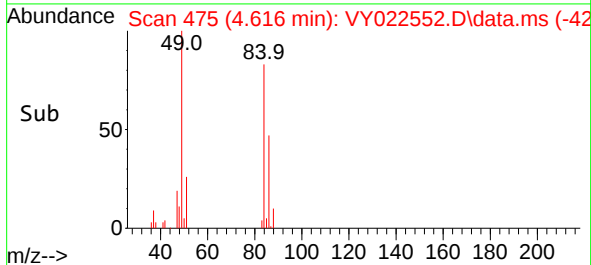
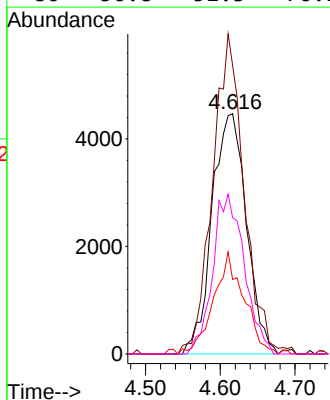
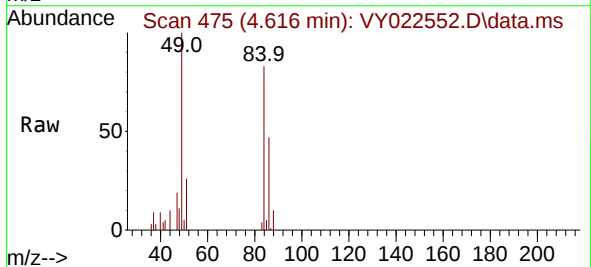
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB02

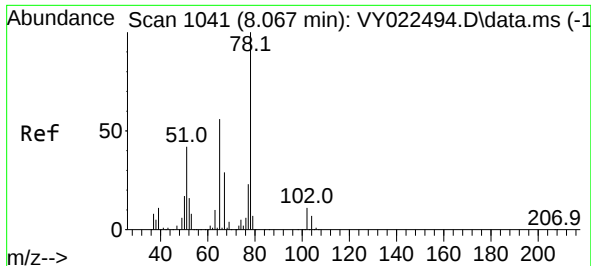
Tgt Ion: 76 Resp: 33091
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



#20
Methylene Chloride
Concen: 4.023 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

Tgt Ion: 84 Resp: 14348
Ion Ratio Lower Upper
84 100
49 120.2 101.9 152.9
51 31.0 29.8 44.8
86 56.8 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 44.844 ug/l

RT: 8.055 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022552.D

Acq: 04 Jun 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

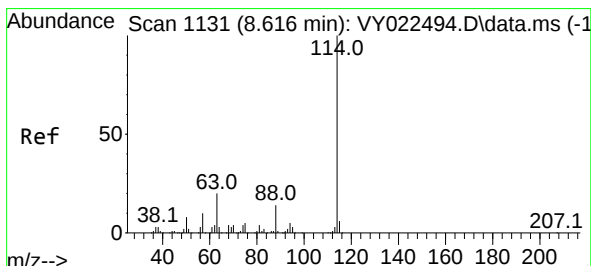
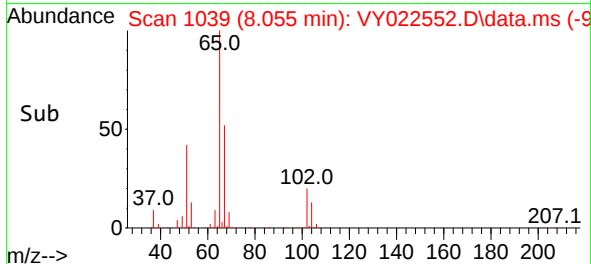
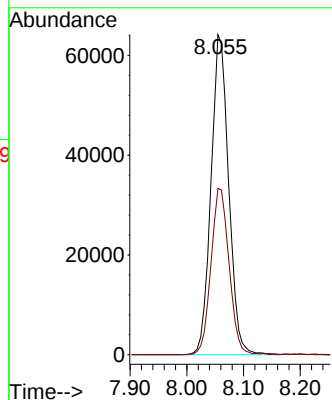
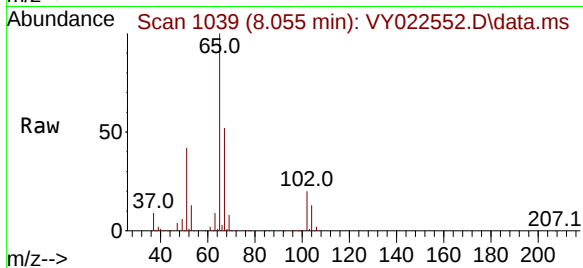
B-202-SB02

Tgt Ion: 65 Resp: 138625

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022552.D

Acq: 04 Jun 2025 15:47

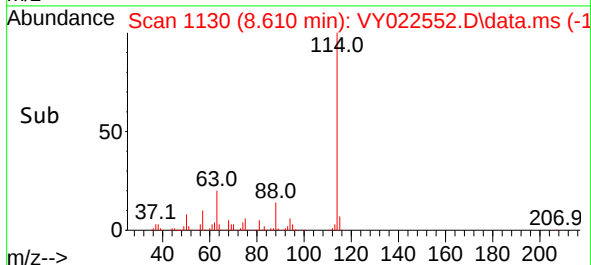
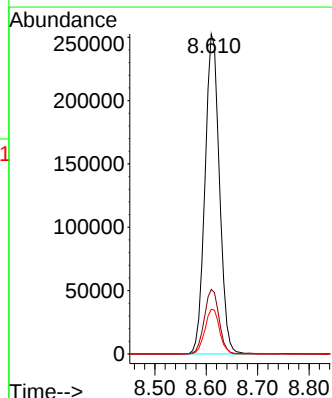
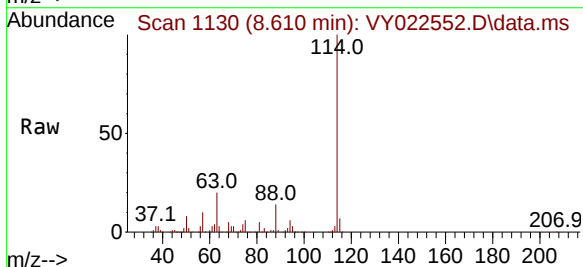
Tgt Ion: 114 Resp: 491823

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 14.0 0.0 27.8

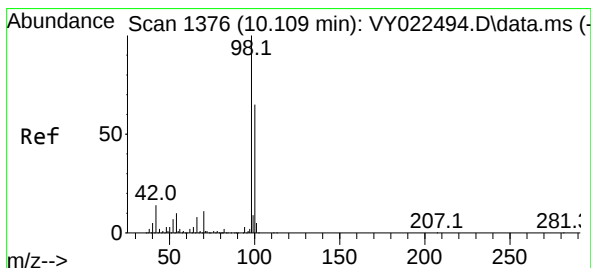
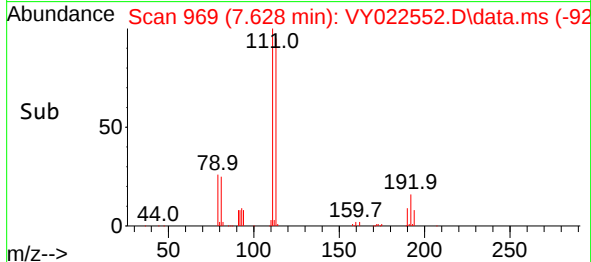
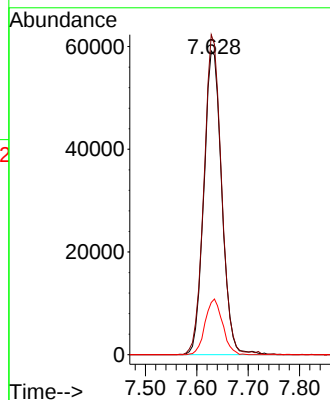
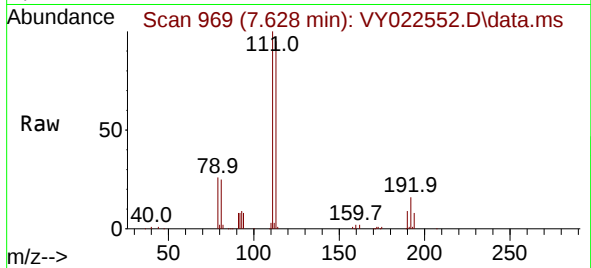




#35
Dibromofluoromethane
Concen: 48.657 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

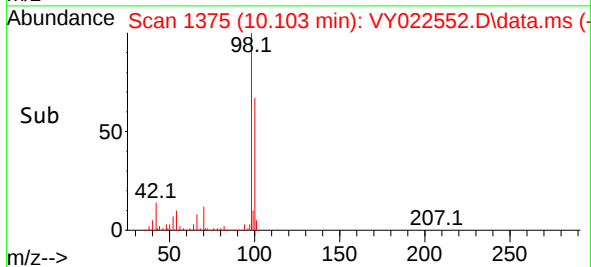
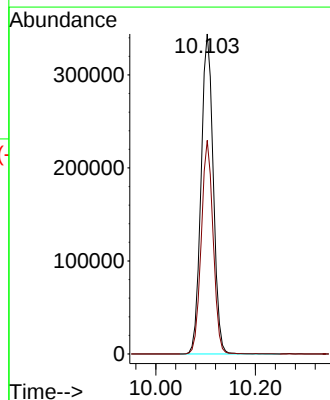
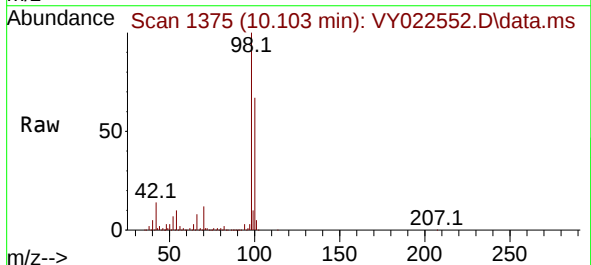
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB02

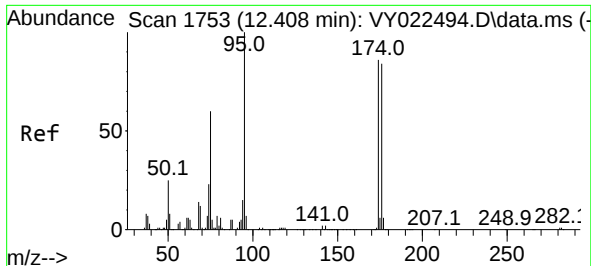
Tgt Ion:113 Resp: 142837
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 17.9 14.2 21.2



#50
Toluene-d8
Concen: 49.151 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

Tgt Ion: 98 Resp: 583018
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

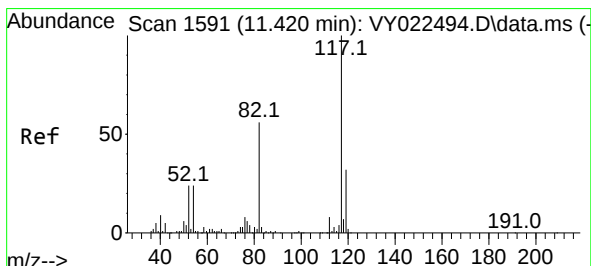
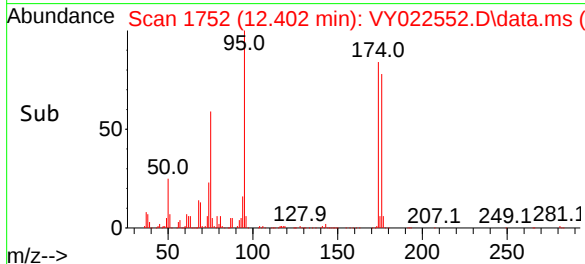
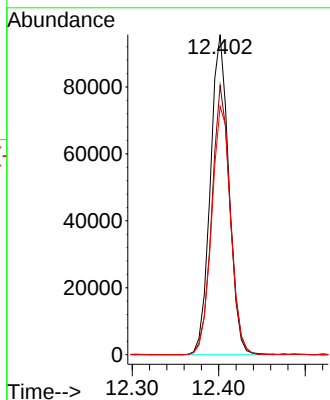
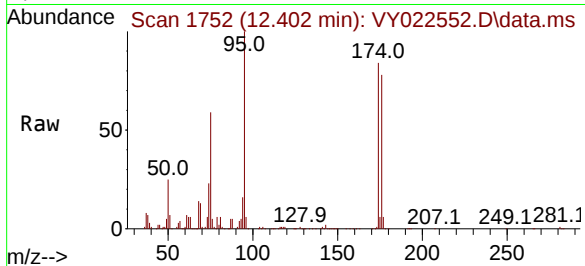




#62
4-Bromofluorobenzene
Concen: 40.034 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

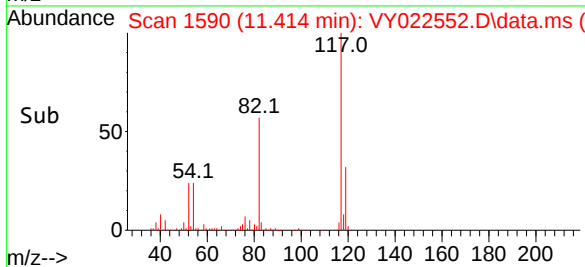
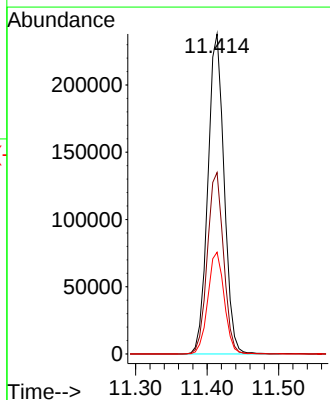
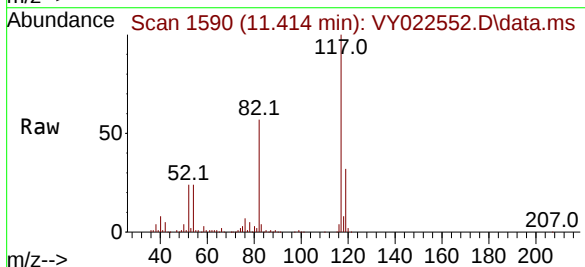
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB02

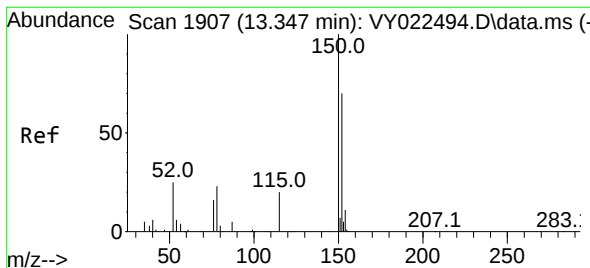
Tgt Ion: 95 Resp: 141487
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.0
176 80.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022552.D
Acq: 04 Jun 2025 15:47

Tgt Ion: 117 Resp: 374782
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY022552.D

Acq: 04 Jun 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

B-202-SB02

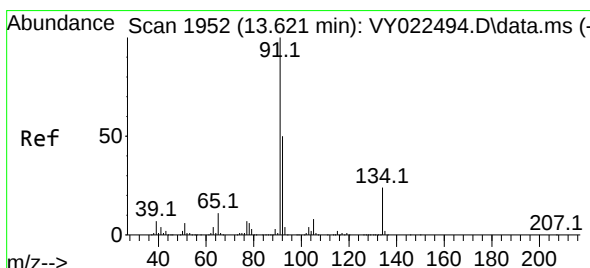
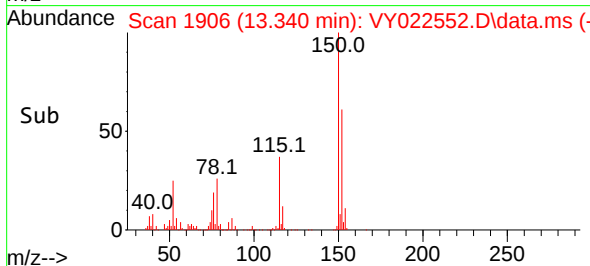
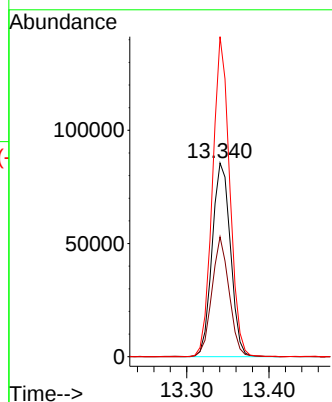
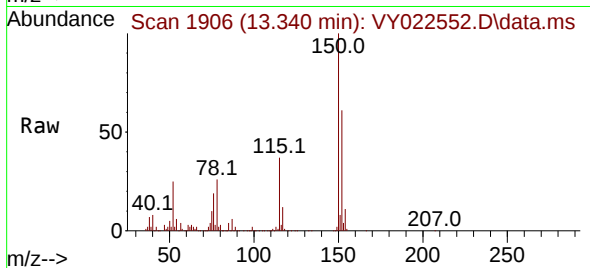
Tgt Ion:152 Resp: 132509

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 154.8 0.0 349.6



#89

n-Butylbenzene

Concen: 2.537 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. -0.012 min

Lab File: VY022552.D

Acq: 04 Jun 2025 15:47

Tgt Ion: 91 Resp: 23297

Ion Ratio Lower Upper

91 100

92 66.5 25.9 77.8

134 0.0 12.0 36.1#

