

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022556.D
 Acq On : 04 Jun 2025 17:21
 Operator : SY/MD
 Sample : Q2177-06
 Misc : 7.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-202-SB01

Quant Time: Jun 05 04:19:06 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)

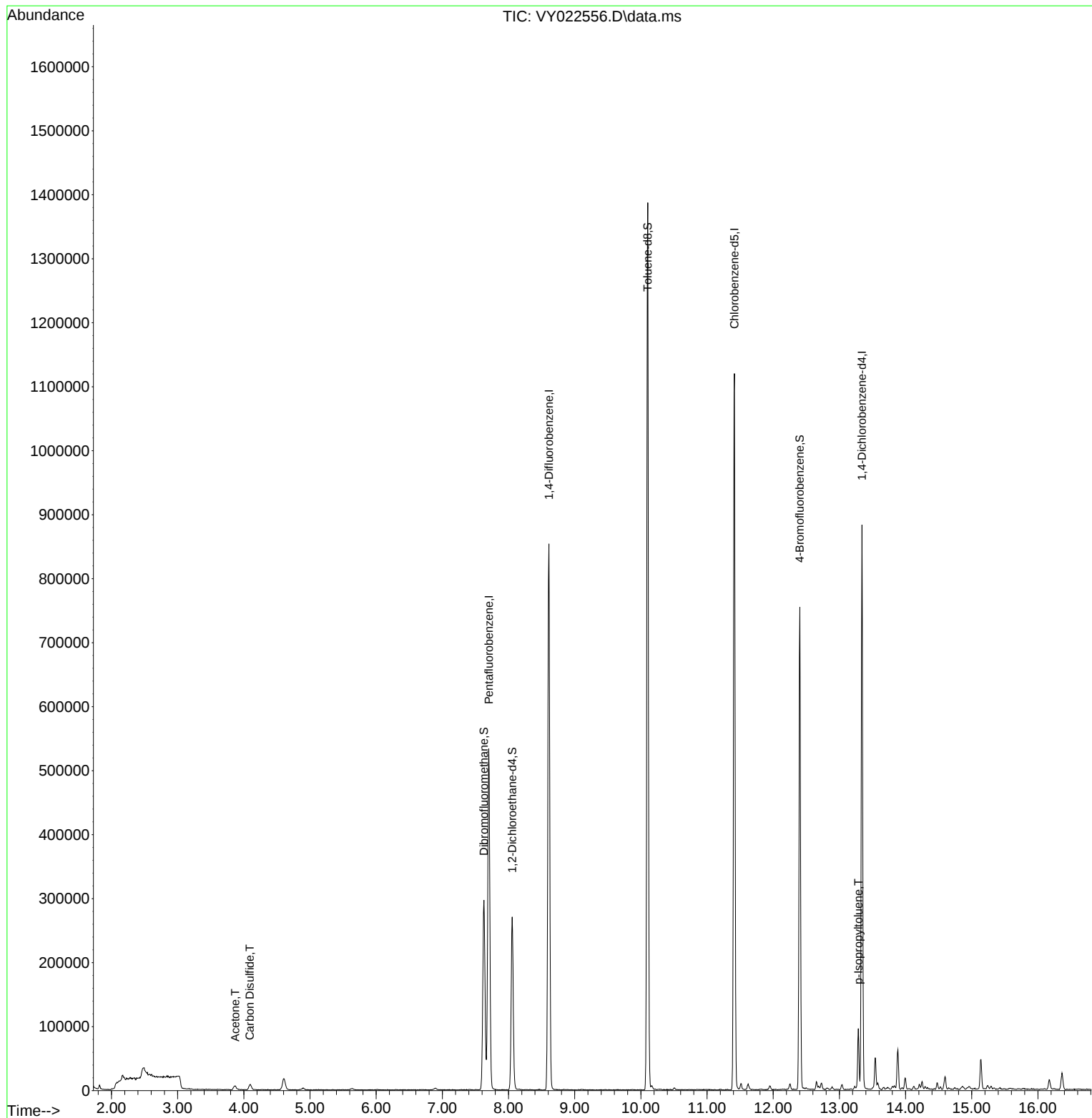
Internal Standards						
1) Pentafluorobenzene	7.701	168	390326	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	698589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	543747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	198715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	199216	45.633	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.260%
35) Dibromofluoromethane	7.628	113	201113	48.232	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.460%
50) Toluene-d8	10.103	98	844797	50.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.402	95	200279	39.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.800%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	10807	12.189	ug/l	90
17) Carbon Disulfide	4.092	76	16164	1.233	ug/l	97
86) p-Isopropyltoluene	13.286	119	46645	3.214	ug/l	98

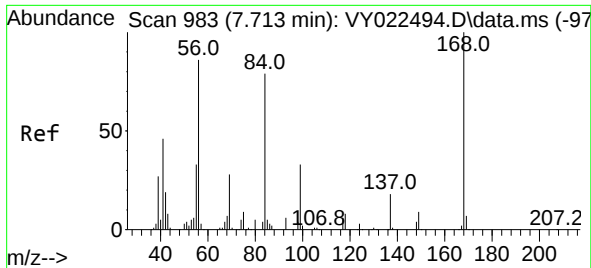
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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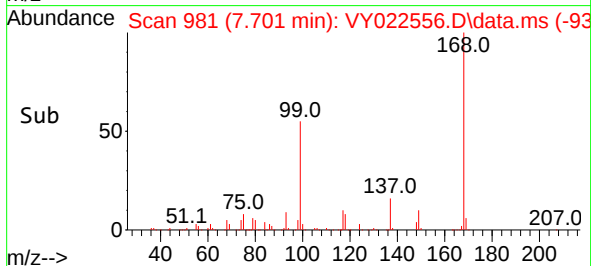
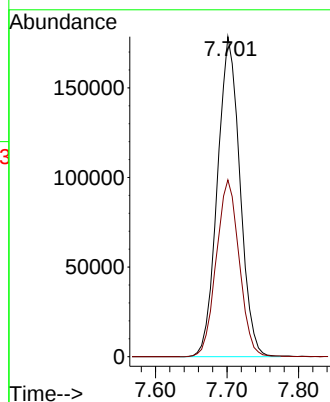
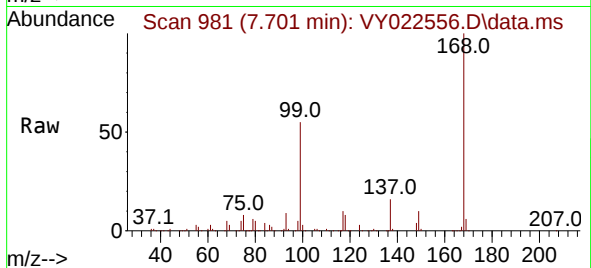




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.012 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

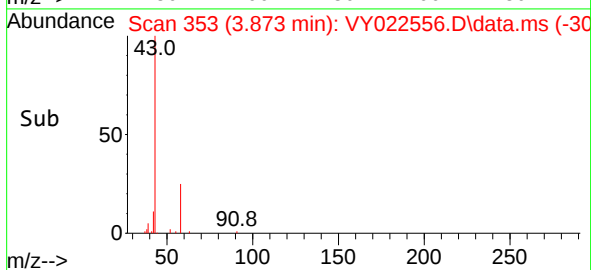
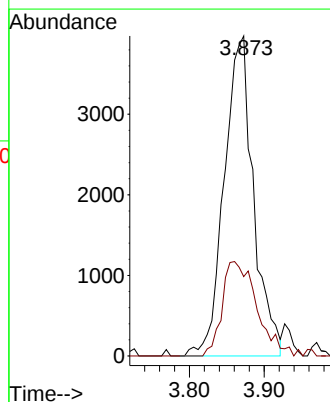
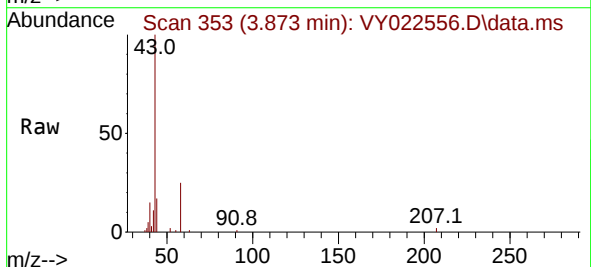
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB01

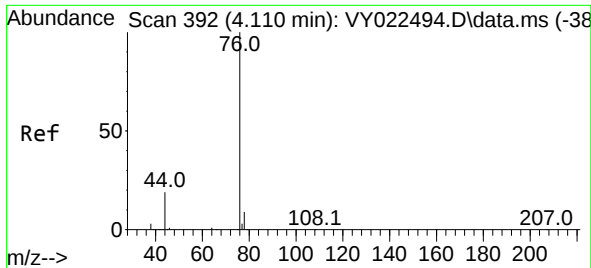
Tgt Ion:168 Resp: 390326
Ion Ratio Lower Upper
168 100
99 55.2 44.3 66.5



#16
Acetone
Concen: 12.189 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

Tgt Ion: 43 Resp: 10807
Ion Ratio Lower Upper
43 100
58 24.8 24.0 36.0

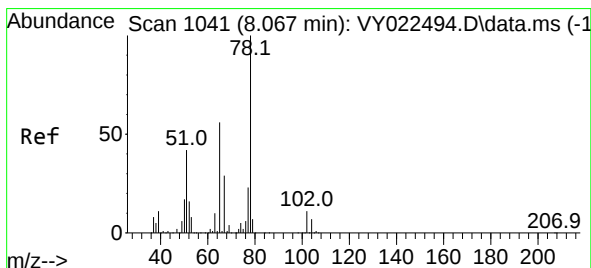
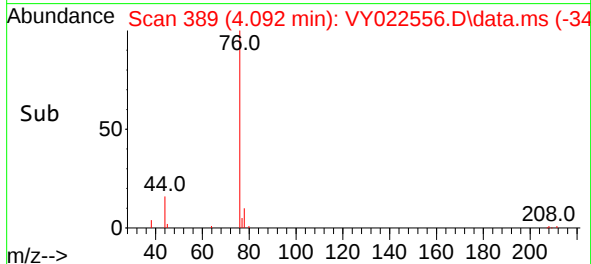
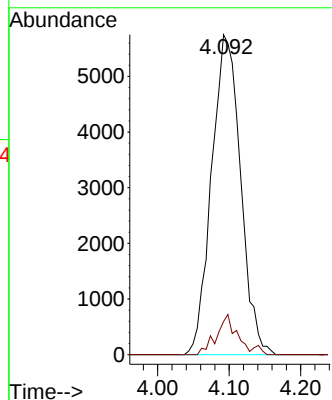
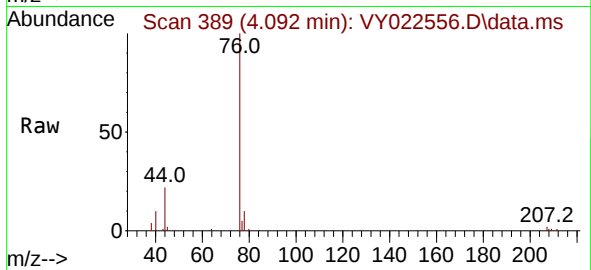




#17
Carbon Disulfide
Concen: 1.233 ug/l
RT: 4.092 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

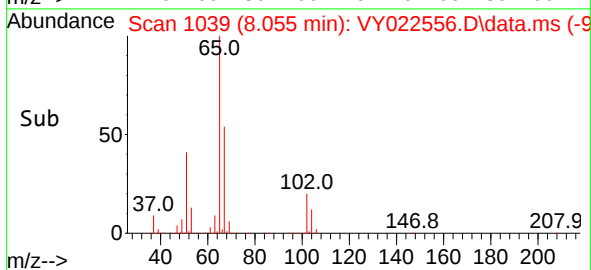
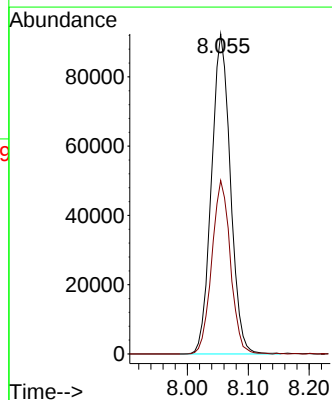
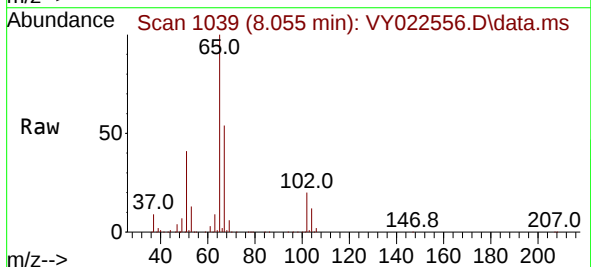
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB01

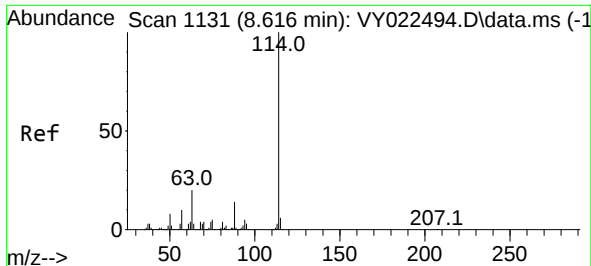
Tgt Ion: 76 Resp: 16164
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



#33
1,2-Dichloroethane-d4
Concen: 45.633 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

Tgt Ion: 65 Resp: 199216
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.4

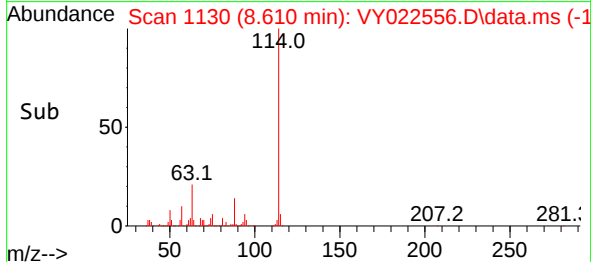
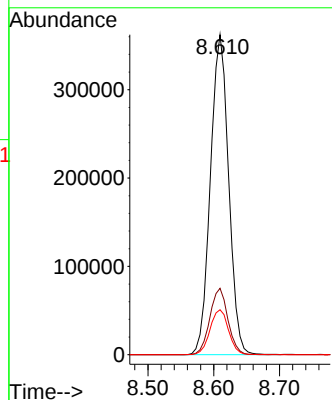
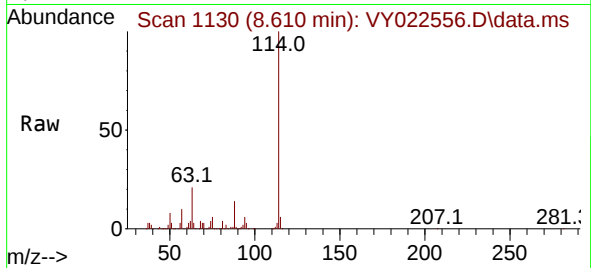




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

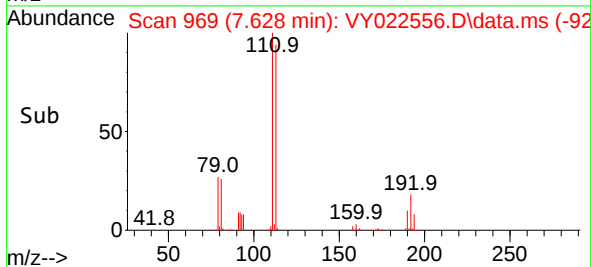
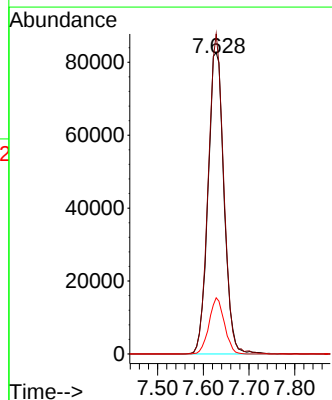
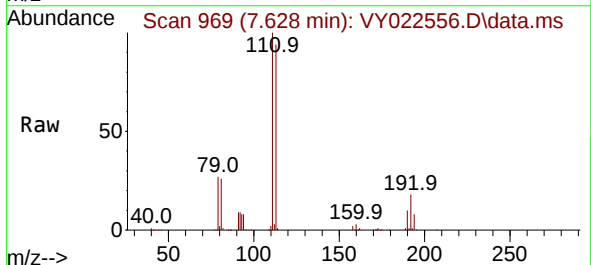
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB01

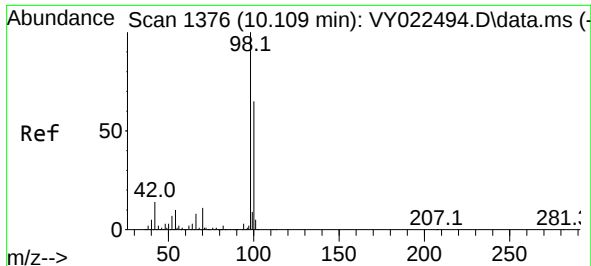
Tgt Ion:114 Resp: 698589
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 14.1 0.0 27.8



#35
Dibromofluoromethane
Concen: 48.232 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

Tgt Ion:113 Resp: 201113
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 17.8 14.2 21.2

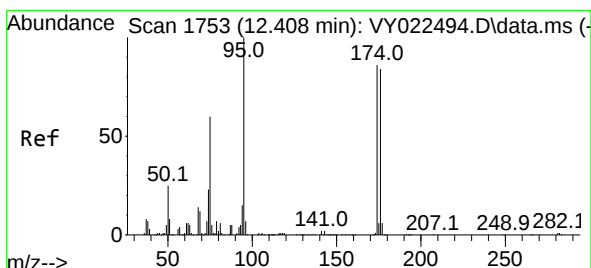
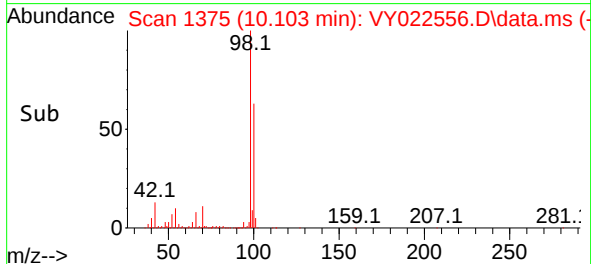
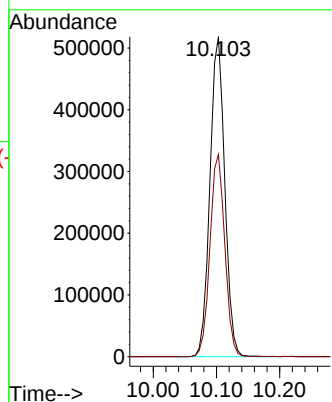
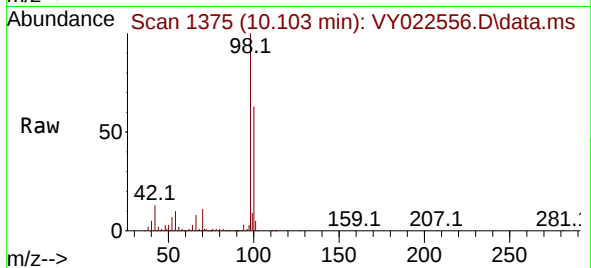




#50
Toluene-d8
Concen: 50.141 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

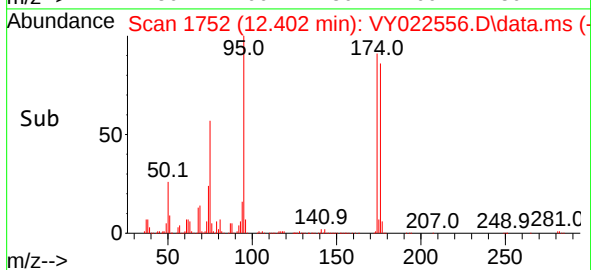
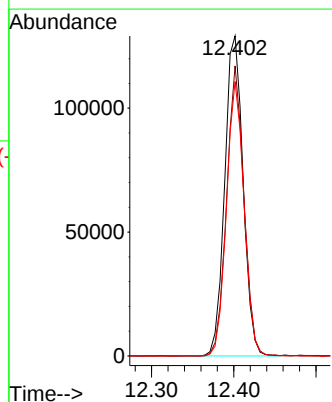
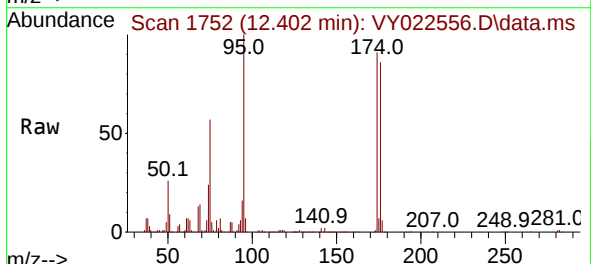
Instrument :
MSVOA_Y
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B-202-SB01

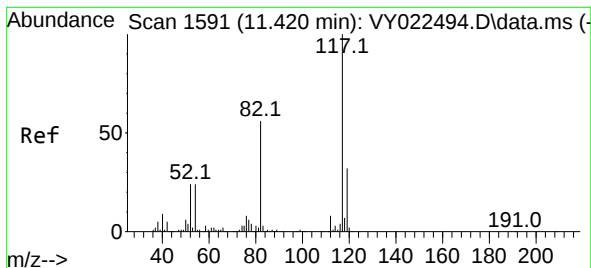
Tgt Ion: 98 Resp: 844797
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.896 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022556.D
Acq: 04 Jun 2025 17:21

Tgt Ion: 95 Resp: 200279
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.0
176 82.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022556.D

Acq: 04 Jun 2025 17:21

Instrument :

MSVOA_Y

ClientSampleId :

B-202-SB01

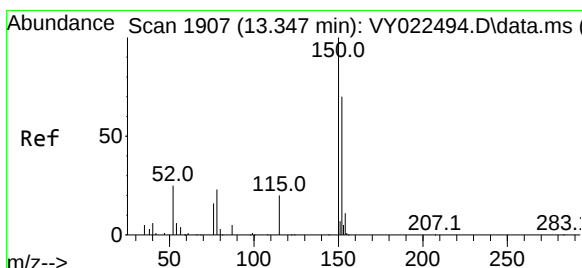
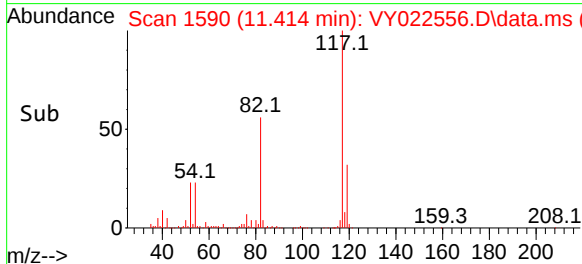
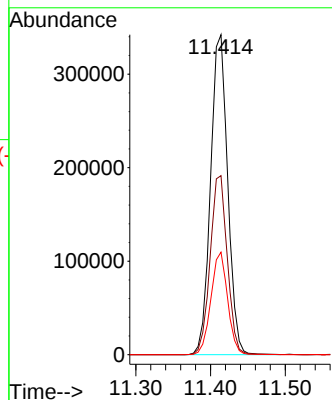
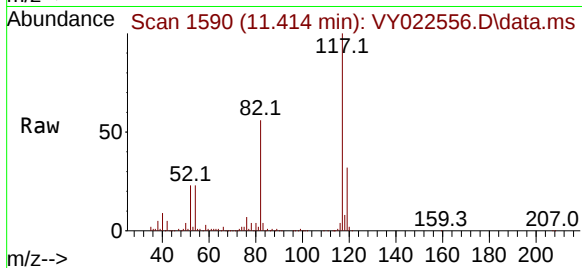
Tgt Ion:117 Resp: 543747

Ion Ratio Lower Upper

117 100

82 56.0 44.6 66.8

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022556.D

Acq: 04 Jun 2025 17:21

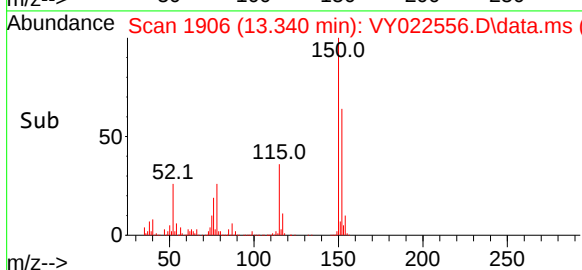
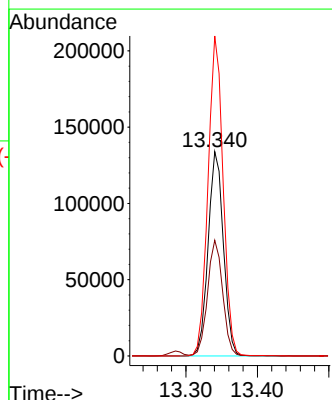
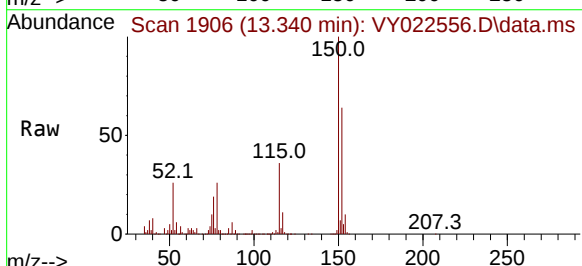
Tgt Ion:152 Resp: 198715

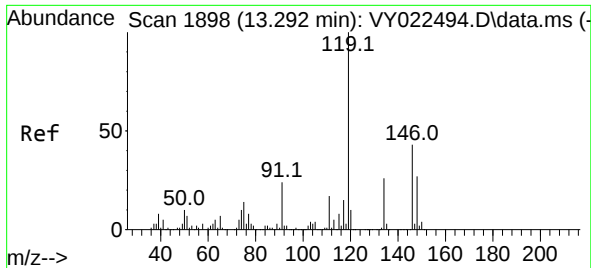
Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.7

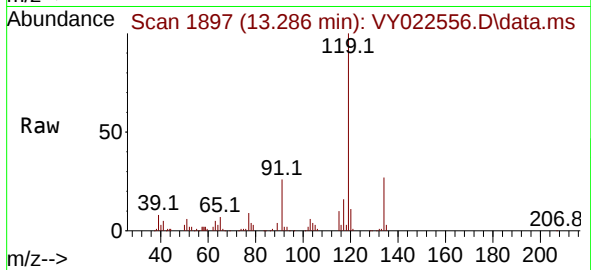
150 154.7 0.0 349.6





#86
 p-Isopropyltoluene
 Concen: 3.214 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022556.D
 Acq: 04 Jun 2025 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-202-SB01



Tgt Ion:	119	Resp:	46645
Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.1	39.1
91	25.0	11.6	34.8

