

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022523.D
 Acq On : 03 Jun 2025 15:24
 Operator : SY/MD
 Sample : Q2182-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-06022025

Quant Time: Jun 04 04:13:39 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)

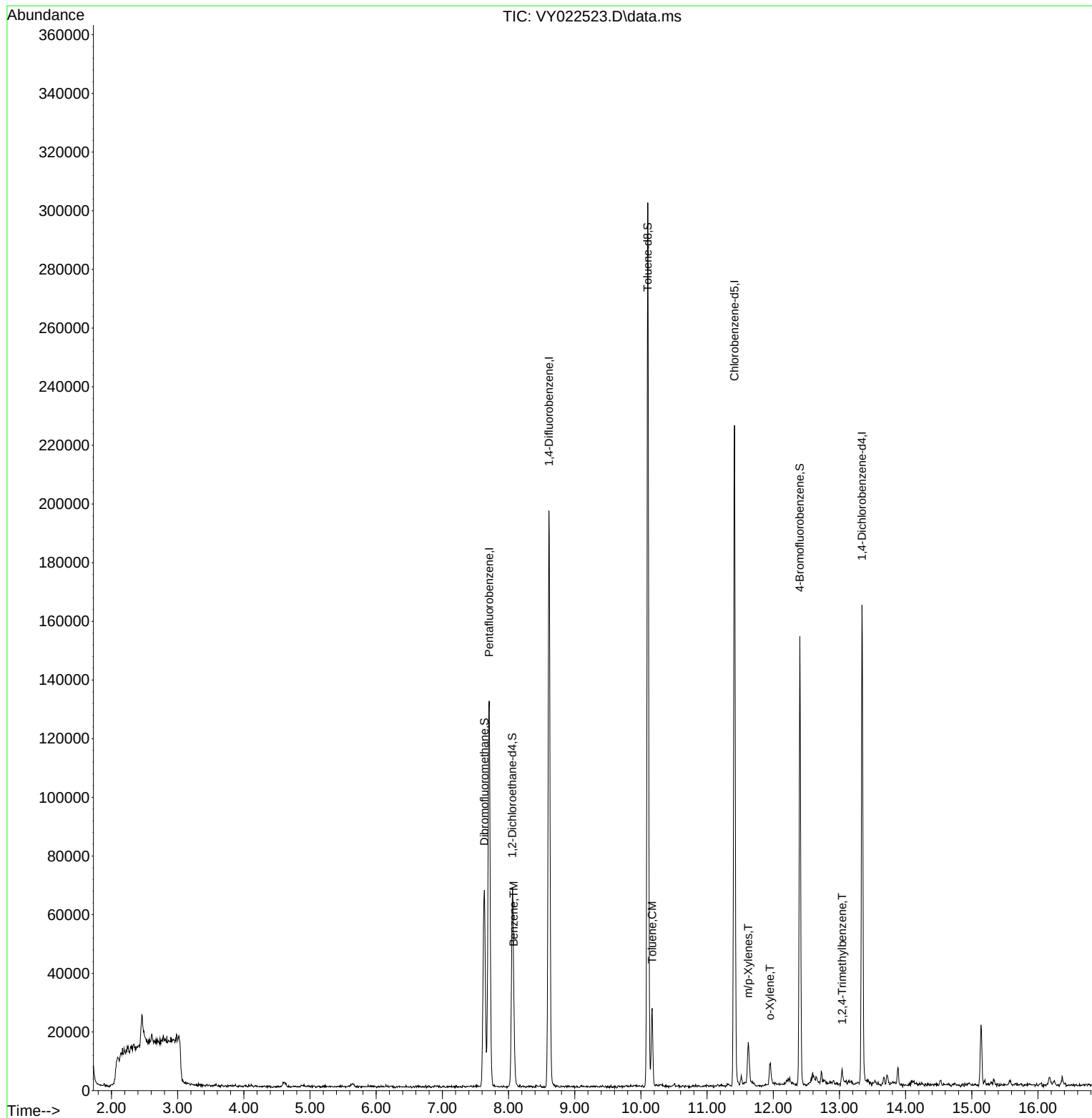
Internal Standards						
1) Pentafluorobenzene	7.707	168	98107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	163313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	38160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	46880	42.724	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.440%
35) Dibromofluoromethane	7.634	113	46259	47.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.103	98	184290	46.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.580%
62) 4-Bromofluorobenzene	12.402	95	40156	34.218	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.440%
Target Compounds						
40) Benzene	8.079	78	8662	1.854	ug/l	94
52) Toluene	10.170	92	9809	3.340	ug/l	98
68) m/p-Xylenes	11.621	106	3464	1.924	ug/l	80
69) o-Xylene	11.950	106	1699	1.006	ug/l	90
84) 1,2,4-Trimethylbenzene	13.042	105	3071	1.248	ug/l	88

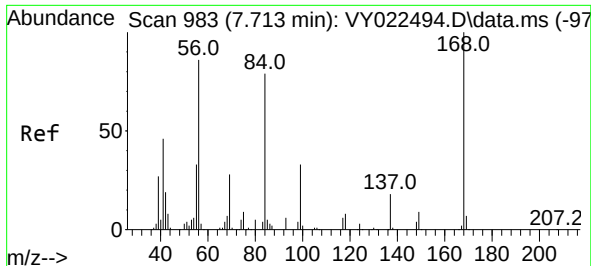
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022523.D
Acq On : 03 Jun 2025 15:24
Operator : SY/MD
Sample : Q2182-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06022025

Quant Time: Jun 04 04:13:39 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

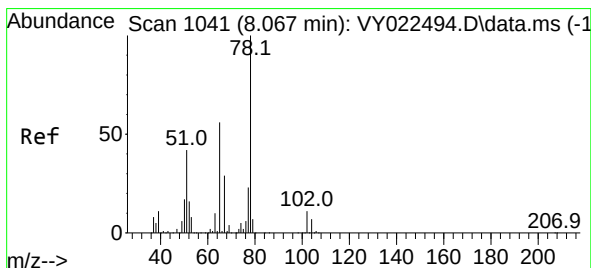
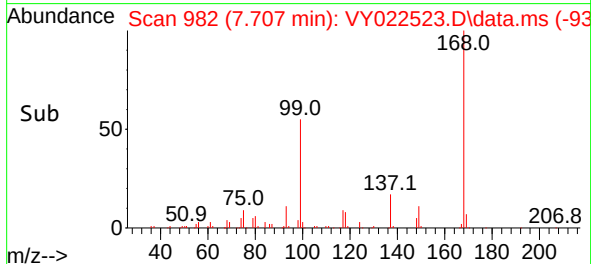
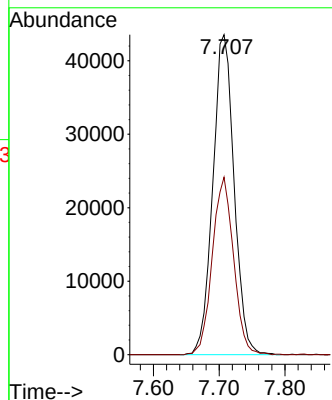
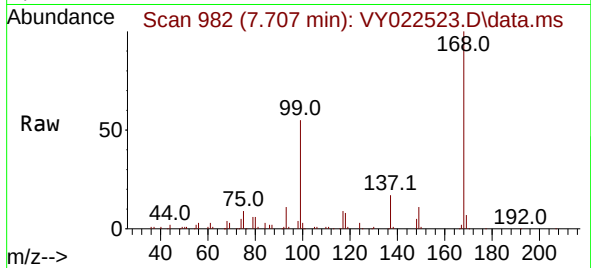




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

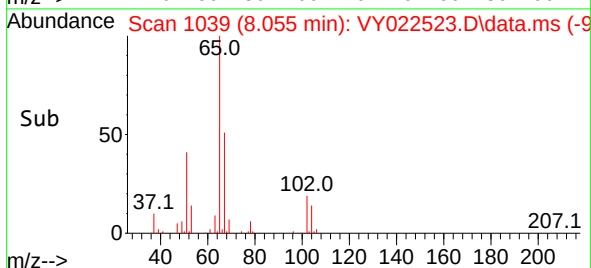
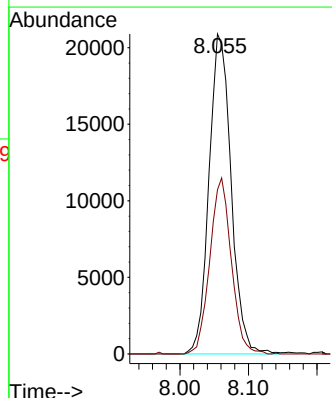
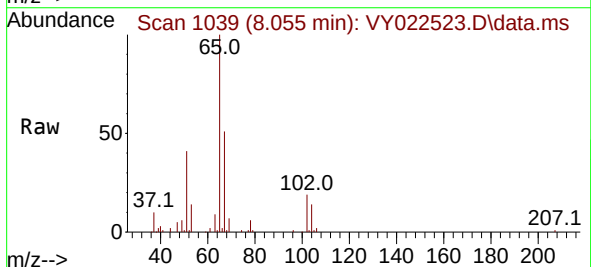
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06022025

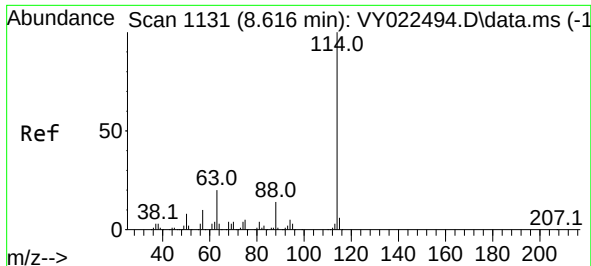
Tgt Ion:168 Resp: 98107
Ion Ratio Lower Upper
168 100
99 55.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 42.724 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

Tgt Ion: 65 Resp: 46880
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.4

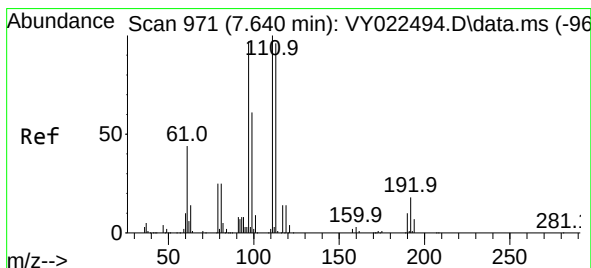
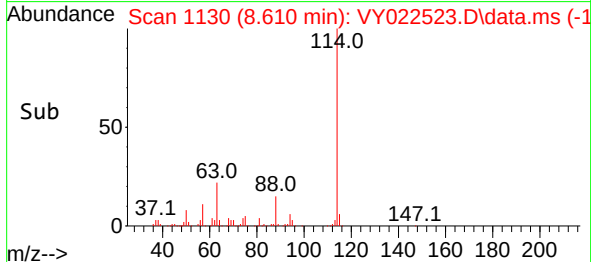
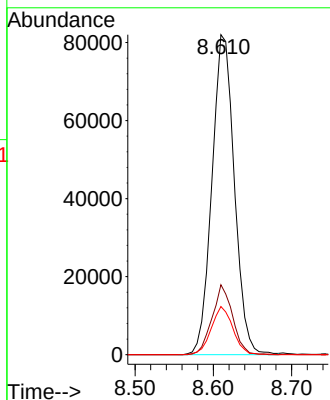
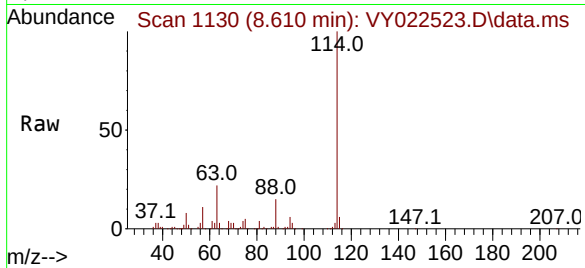




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

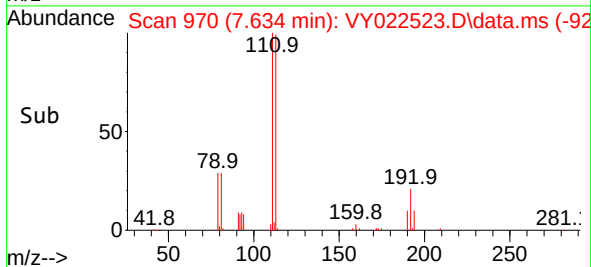
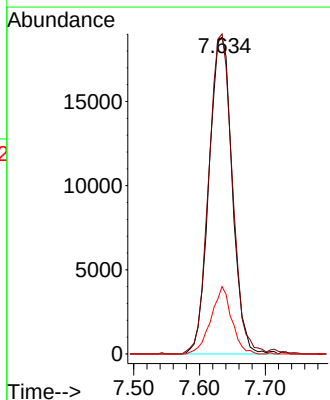
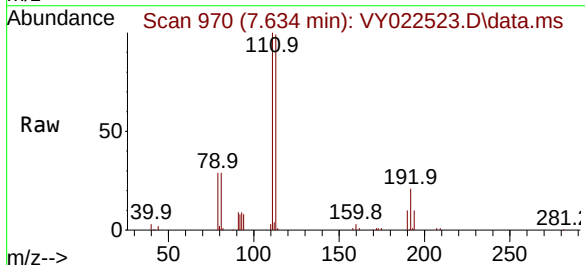
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06022025

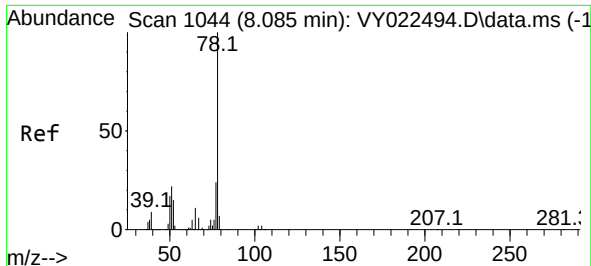
Tgt Ion:114 Resp: 163313
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 15.1 0.0 27.8



#35
Dibromofluoromethane
Concen: 47.456 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

Tgt Ion:113 Resp: 46259
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 19.0 14.2 21.2

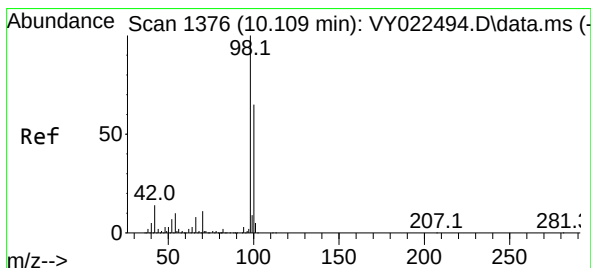
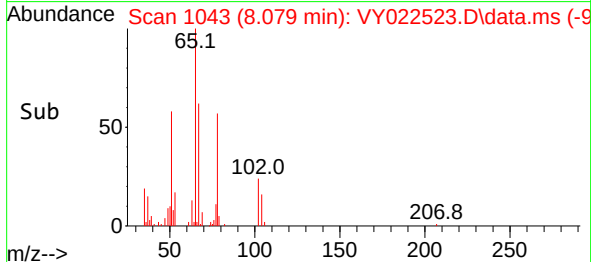
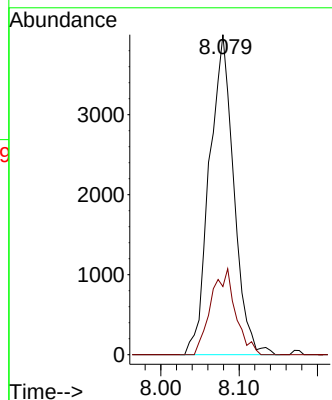
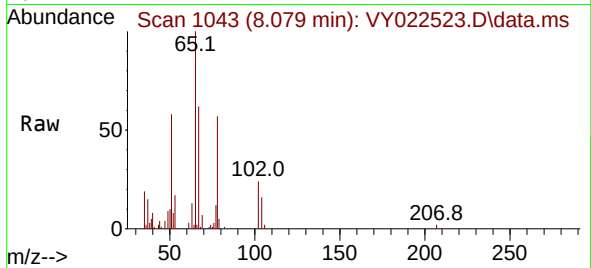




#40
Benzene
Concen: 1.854 ug/l
RT: 8.079 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

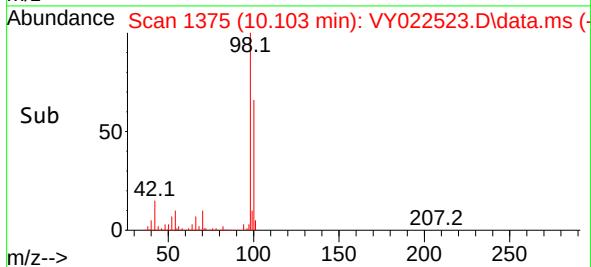
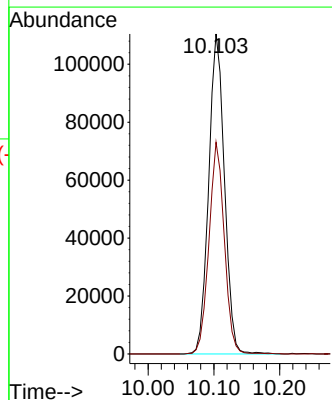
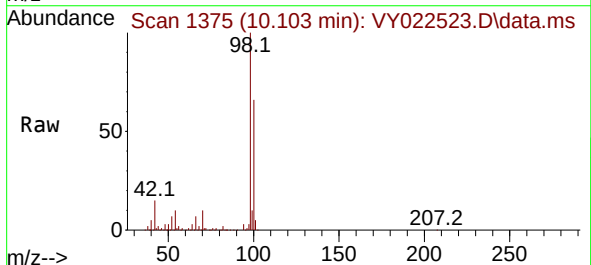
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06022025

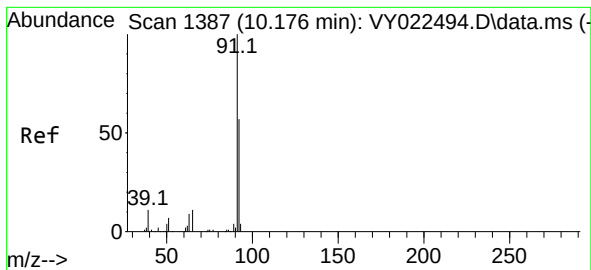
Tgt Ion: 78 Resp: 8662
Ion Ratio Lower Upper
78 100
77 21.3 19.3 28.9



#50
Toluene-d8
Concen: 46.789 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

Tgt Ion: 98 Resp: 184290
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0





#52

Toluene

Concen: 3.340 ug/l

RT: 10.170 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022523.D

Acq: 03 Jun 2025 15:24

Instrument :

MSVOA_Y

ClientSampleId :

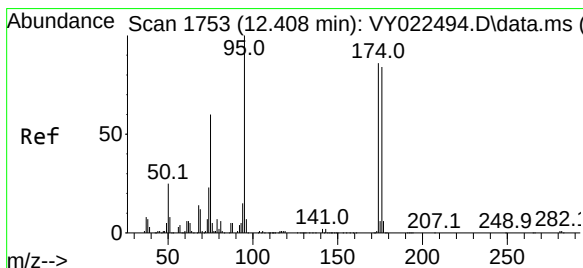
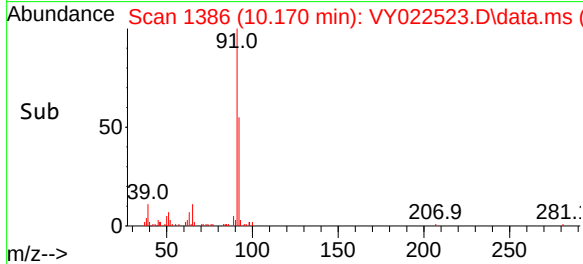
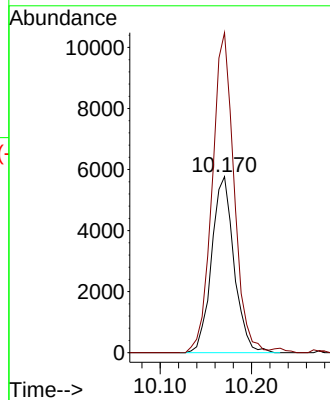
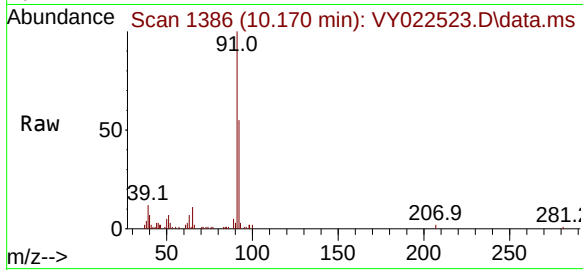
OR-03-06022025

Tgt Ion: 92 Resp: 9809

Ion Ratio Lower Upper

92 100

91 177.1 139.0 208.4



#62

4-Bromofluorobenzene

Concen: 34.218 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022523.D

Acq: 03 Jun 2025 15:24

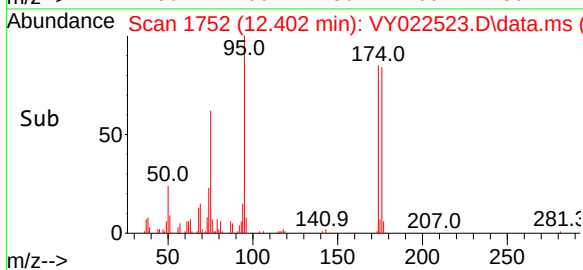
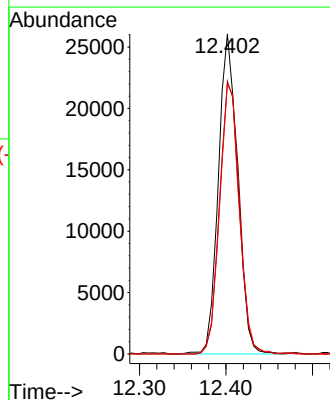
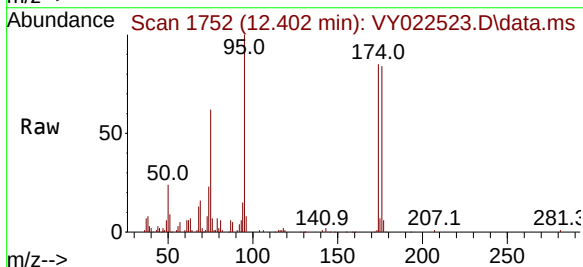
Tgt Ion: 95 Resp: 40156

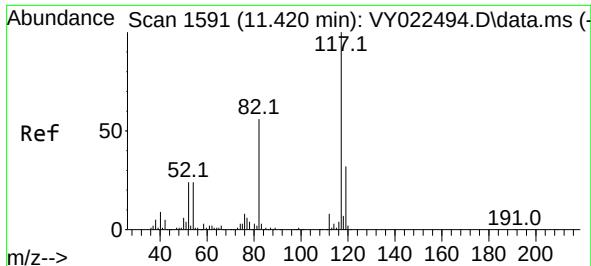
Ion Ratio Lower Upper

95 100

174 88.6 0.0 170.0

176 86.3 0.0 166.2

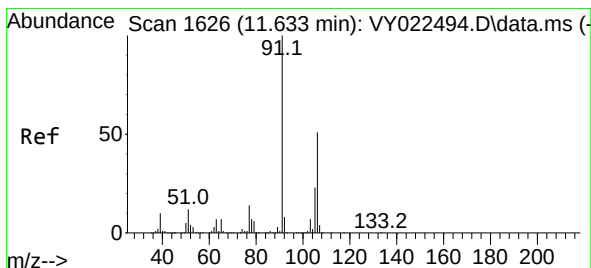
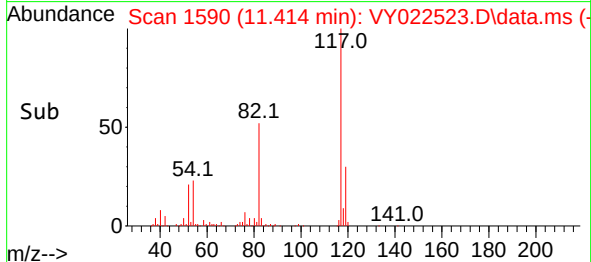
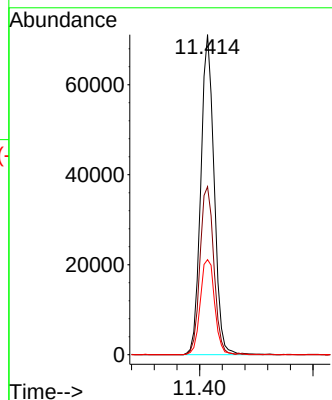
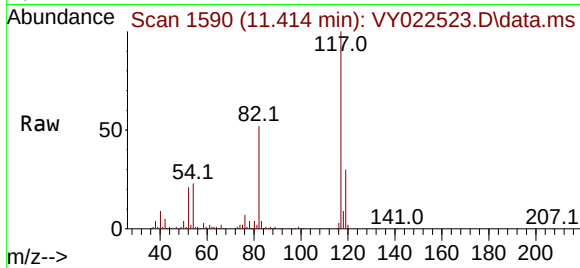




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 115733
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

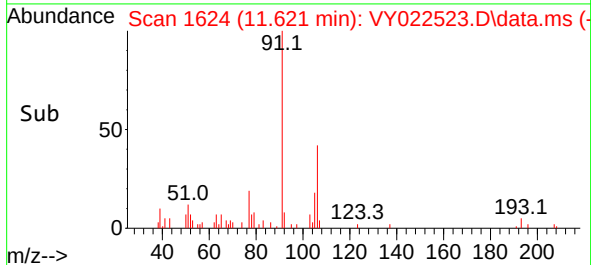
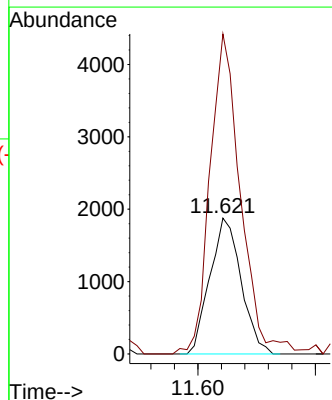
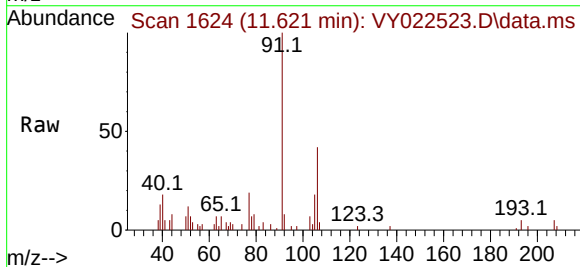
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06022025

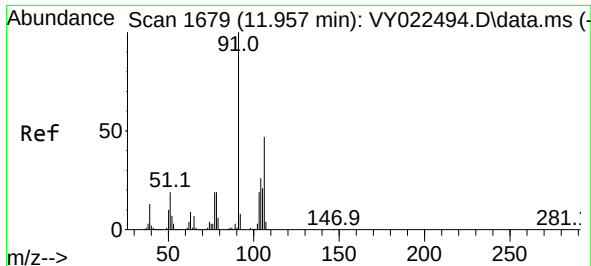
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.6	66.8
119	29.7	25.4	38.0



#68
m/p-Xylenes
Concen: 1.924 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	229.6	159.4	239.0

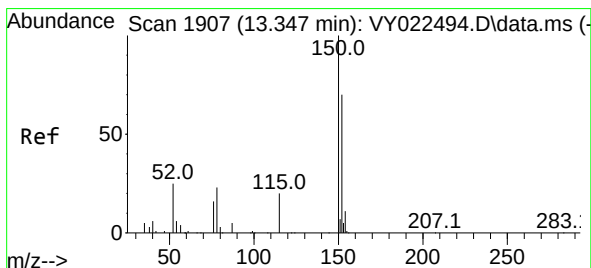
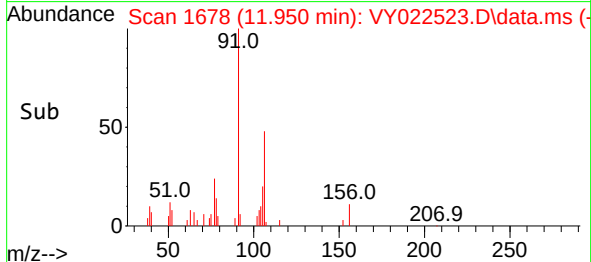
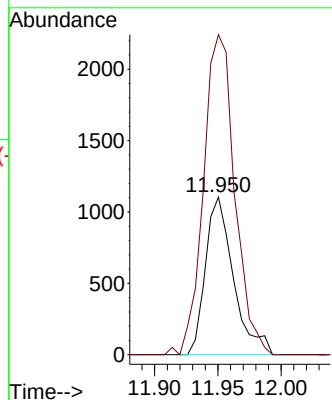
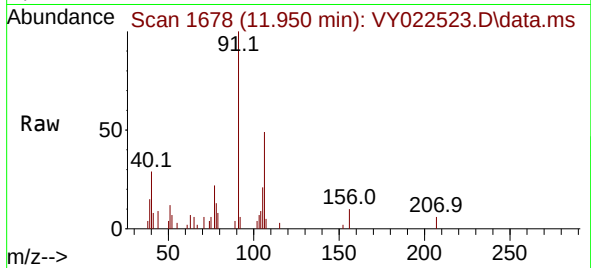




#69
o-Xylene
Concen: 1.006 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

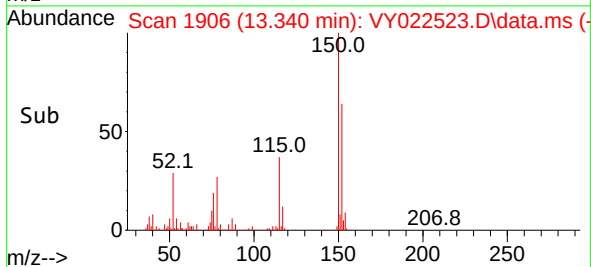
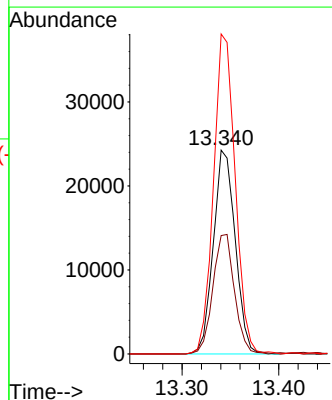
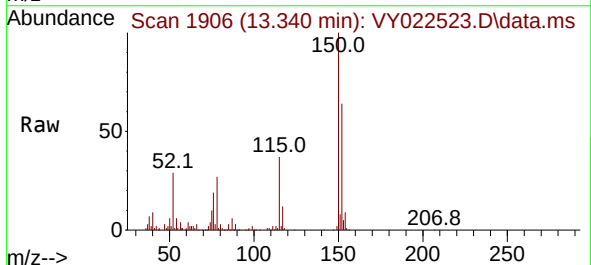
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06022025

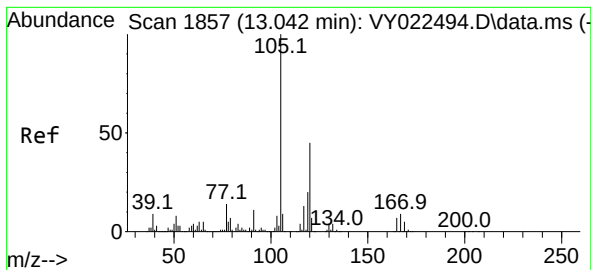
Tgt Ion:106 Resp: 1699
Ion Ratio Lower Upper
106 100
91 227.4 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022523.D
Acq: 03 Jun 2025 15:24

Tgt Ion:152 Resp: 38160
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 155.1 0.0 349.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.248 ug/l
 RT: 13.042 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY022523.D
 Acq: 03 Jun 2025 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-06022025

Tgt Ion:105 Resp: 3071
 Ion Ratio Lower Upper
 105 100
 120 37.4 22.7 68.1

