

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022883.D
 Acq On : 30 Jun 2025 16:25
 Operator : SY/MD
 Sample : Q2447-02
 Misc : 3.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jul 01 03:39:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

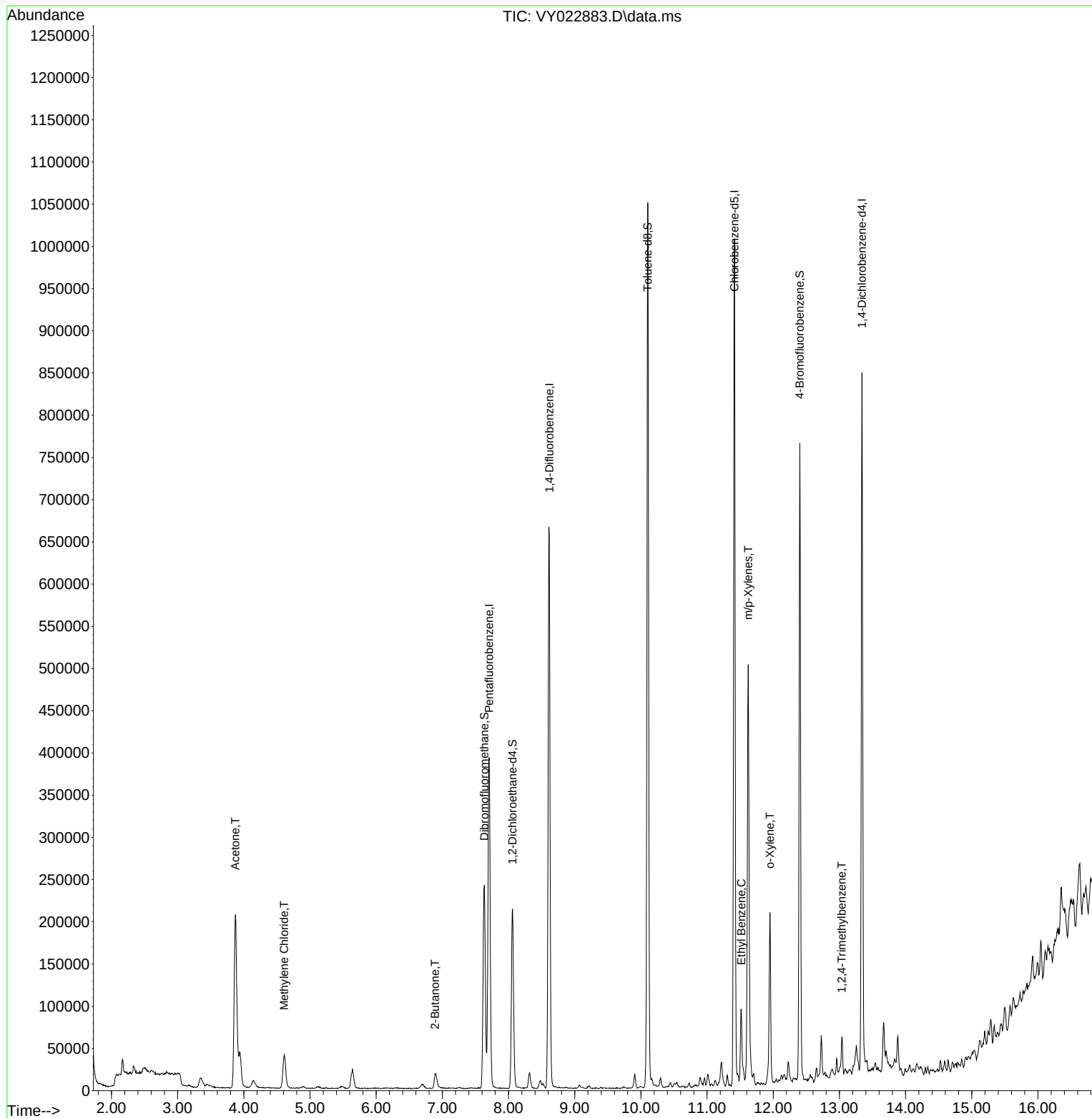
Internal Standards						
1) Pentafluorobenzene	7.707	168	298997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	555819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	511023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	193412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	170023	50.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.900%	
35) Dibromofluoromethane	7.634	113	173797	51.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.840%	
50) Toluene-d8	10.103	98	662747	49.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	12.402	95	215200	49.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	382453	606.357	ug/l	100
20) Methylene Chloride	4.610	84	27865	6.995	ug/l	96
25) 2-Butanone	6.890	43	32969	35.914	ug/l	89
67) Ethyl Benzene	11.518	91	61642	3.124	ug/l	98
68) m/p-Xylenes	11.621	106	141564	18.562	ug/l	99
69) o-Xylene	11.950	106	48920	6.808	ug/l	97
84) 1,2,4-Trimethylbenzene	13.036	105	24397	2.110	ug/l	98

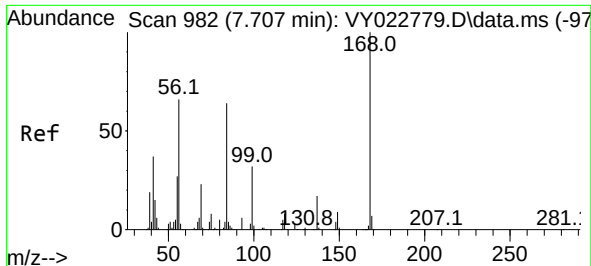
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
Data File : VY022883.D
Acq On : 30 Jun 2025 16:25
Operator : SY/MD
Sample : Q2447-02
Misc : 3.20g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Jul 01 03:39:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

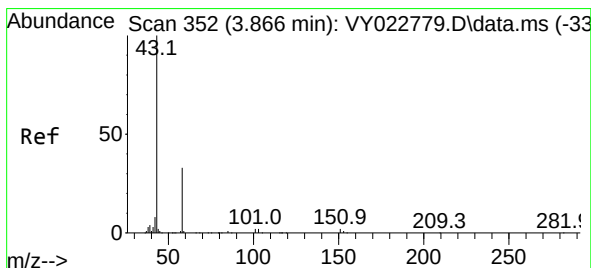
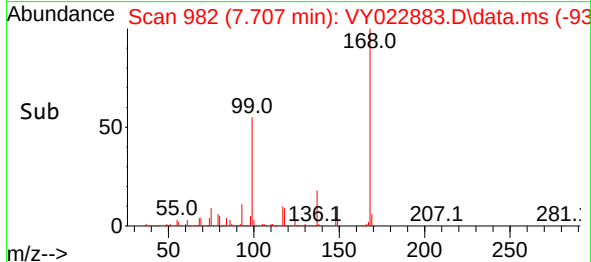
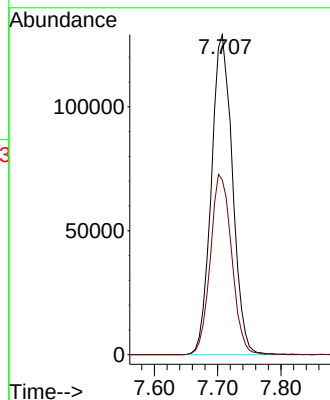
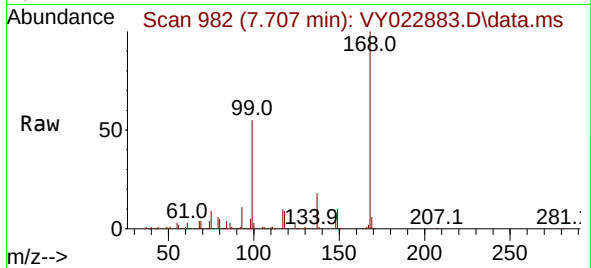




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

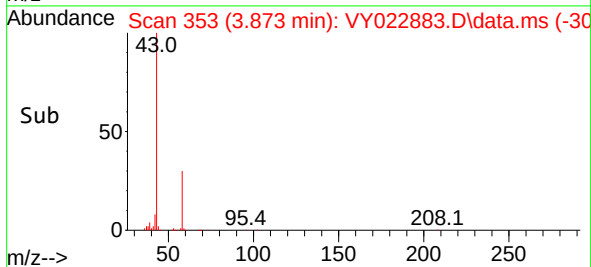
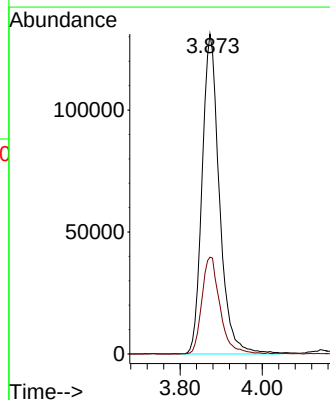
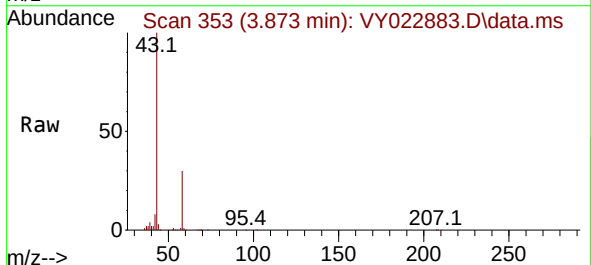
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

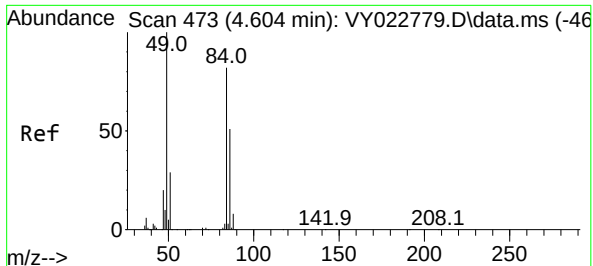
Tgt Ion:168 Resp: 298997
Ion Ratio Lower Upper
168 100
99 54.6 44.3 66.5



#16
Acetone
Concen: 606.357 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

Tgt Ion: 43 Resp: 382453
Ion Ratio Lower Upper
43 100
58 30.2 24.0 36.0



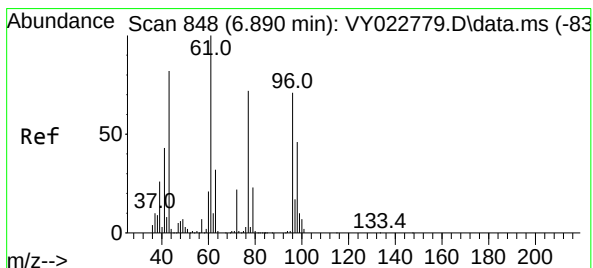
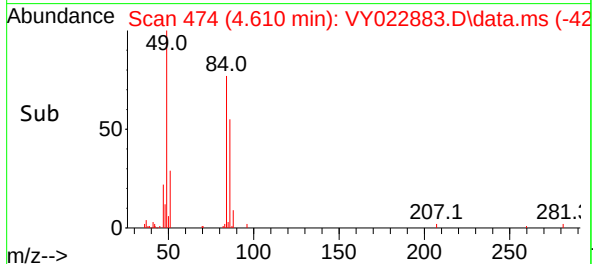
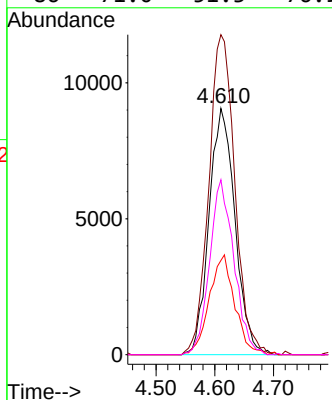
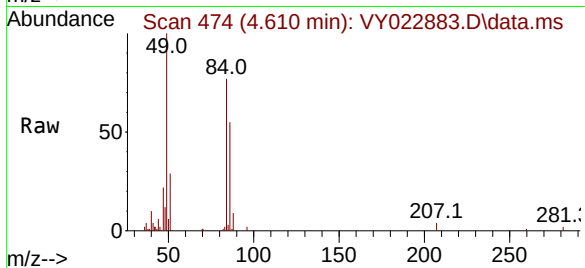


#20
Methylene Chloride
Concen: 6.995 ug/l
RT: 4.610 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 84 Resp: 27865

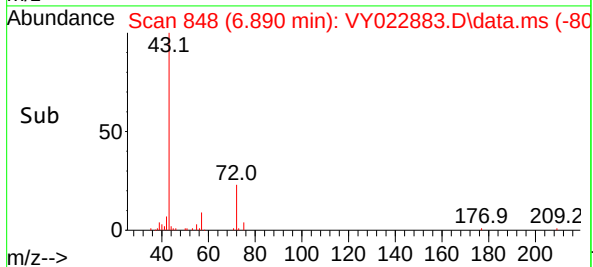
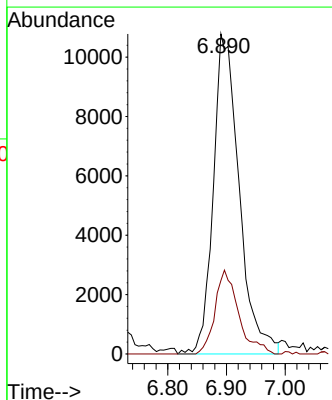
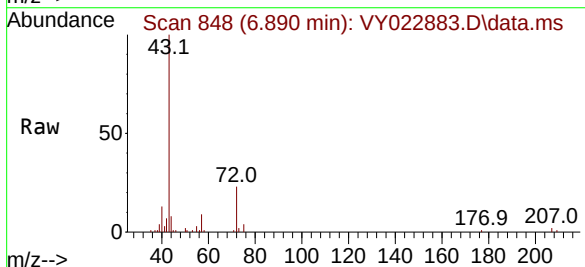
Ion	Ratio	Lower	Upper
84	100		
49	129.9	101.9	152.9
51	38.3	29.8	44.8
86	71.0	51.3	76.9

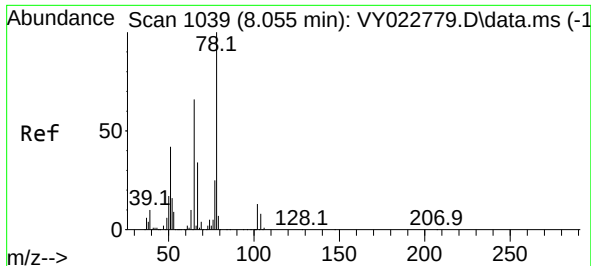


#25
2-Butanone
Concen: 35.914 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

Tgt Ion: 43 Resp: 32969

Ion	Ratio	Lower	Upper
43	100		
72	23.0	22.9	34.3





#33

1,2-Dichloroethane-d4

Concen: 50.949 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022883.D

Acq: 30 Jun 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

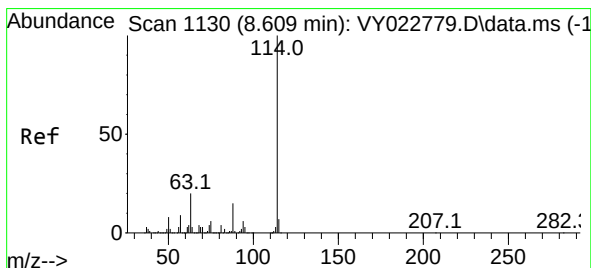
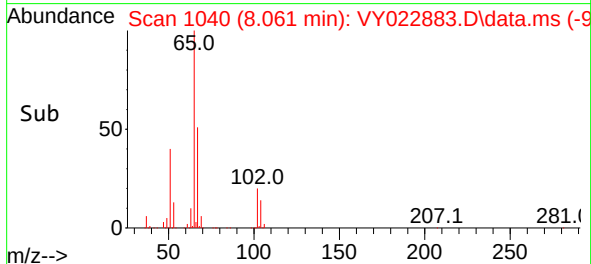
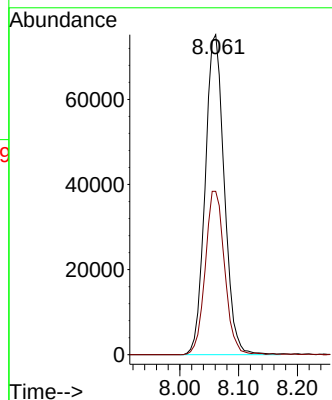
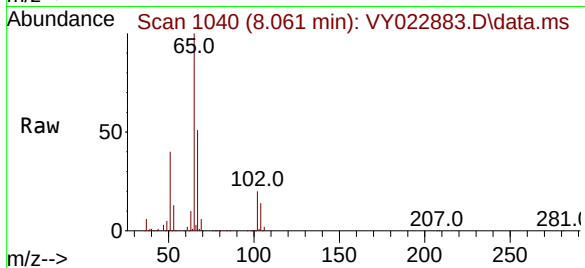
COMP-1

Tgt Ion: 65 Resp: 170023

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022883.D

Acq: 30 Jun 2025 16:25

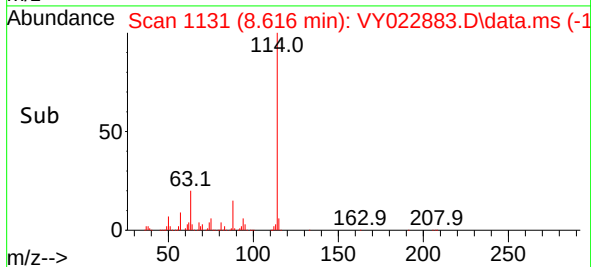
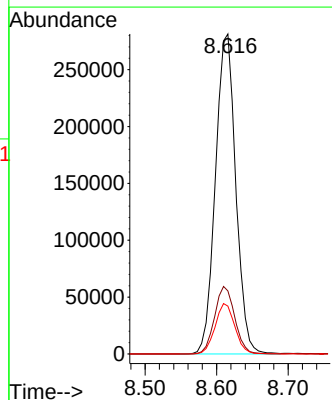
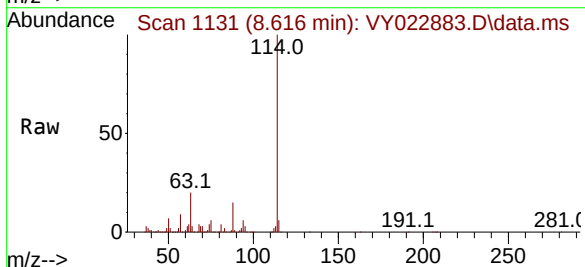
Tgt Ion:114 Resp: 555819

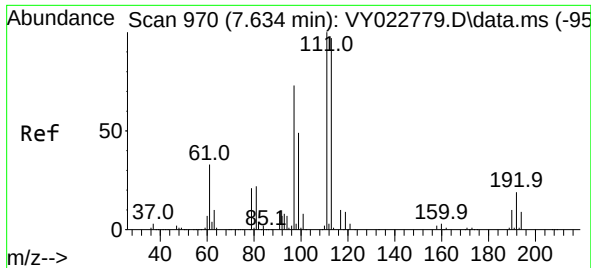
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.0 0.0 27.8

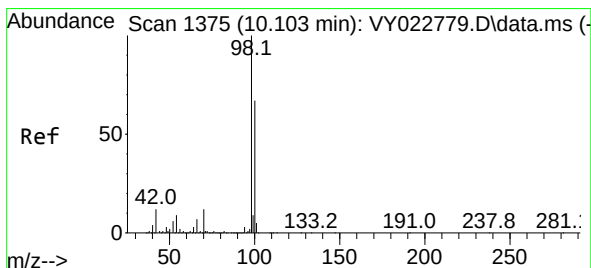
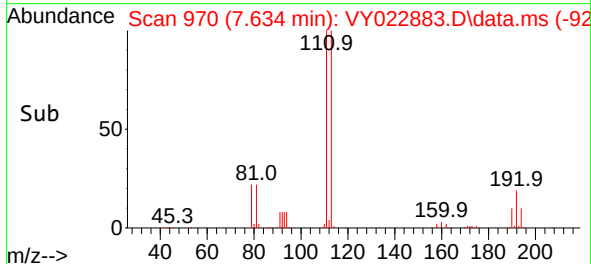
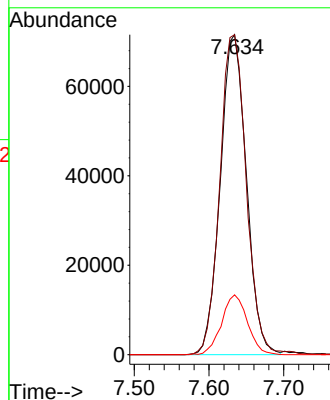
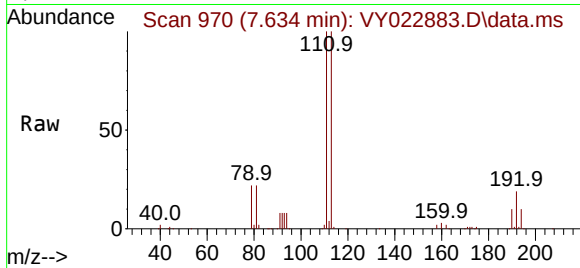




#35
Dibromofluoromethane
Concen: 51.416 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

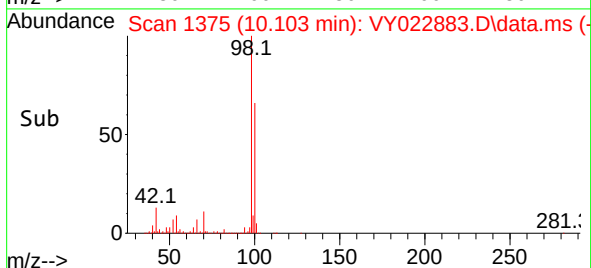
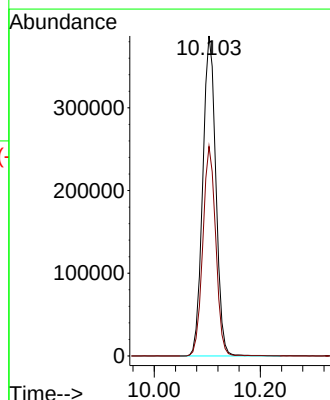
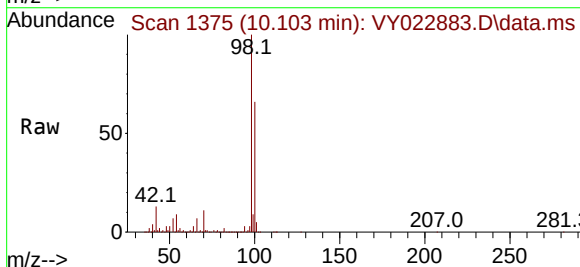
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

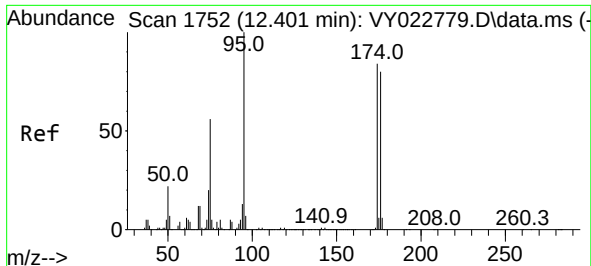
Tgt Ion:113 Resp: 173797
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 18.6 14.2 21.2



#50
Toluene-d8
Concen: 49.410 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

Tgt Ion: 98 Resp: 662747
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

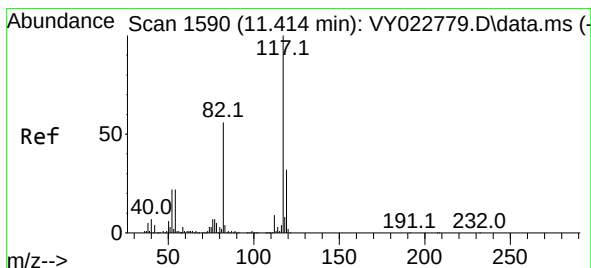
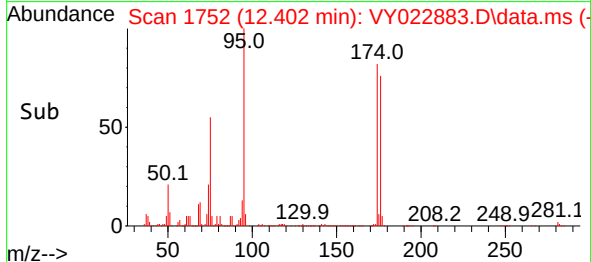
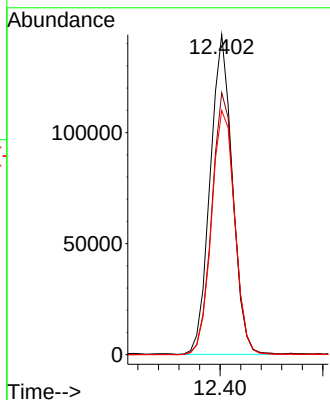
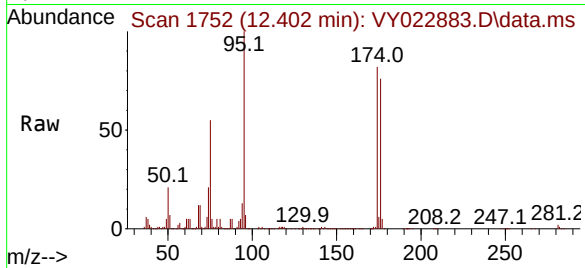




#62
4-Bromofluorobenzene
Concen: 49.908 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

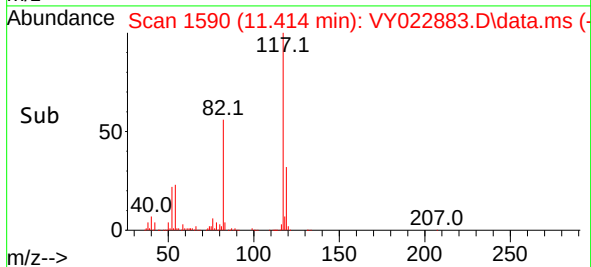
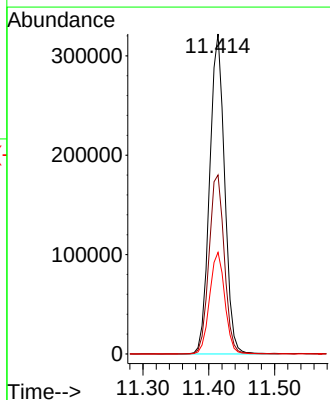
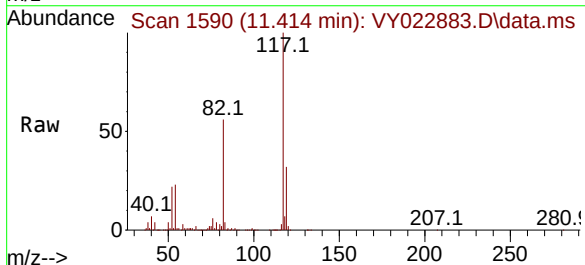
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

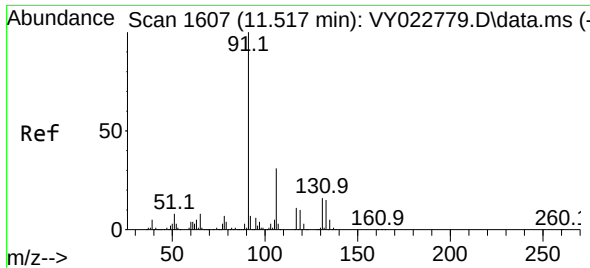
Tgt Ion: 95 Resp: 215200
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.0
176 80.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

Tgt Ion: 117 Resp: 511023
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 31.8 25.4 38.0

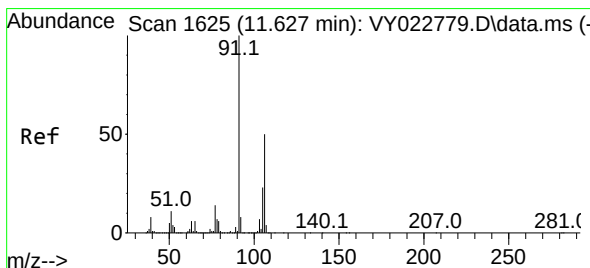
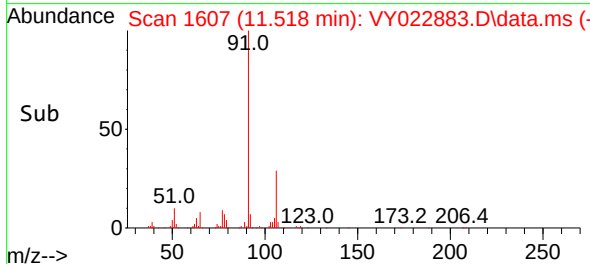
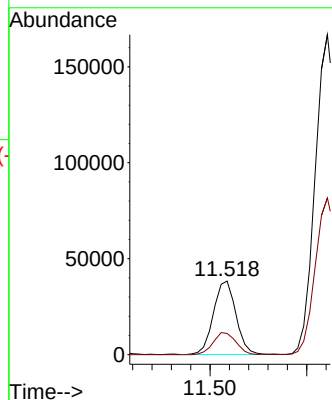
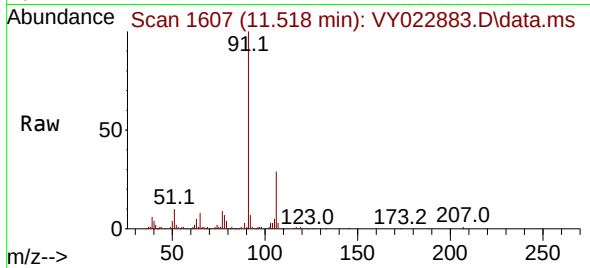




#67
Ethyl Benzene
Concen: 3.124 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

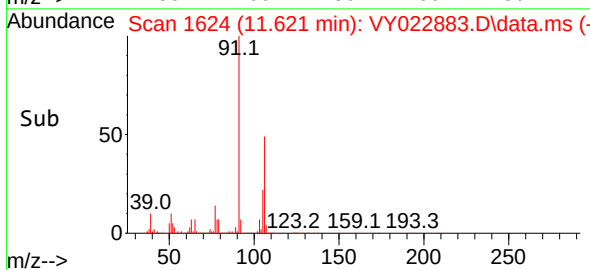
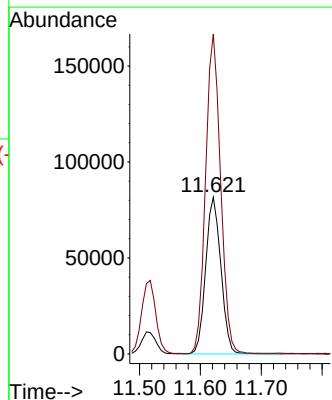
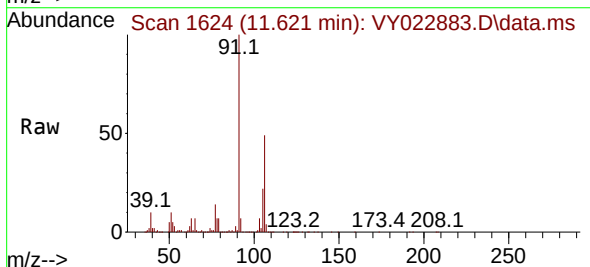
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

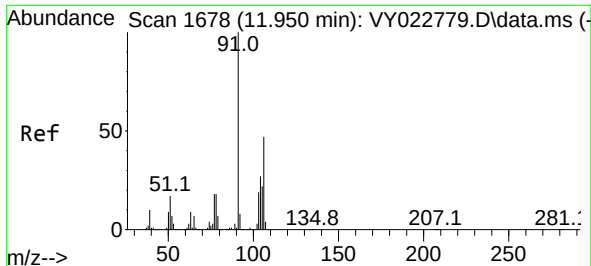
Tgt Ion: 91 Resp: 61642
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.4



#68
m/p-Xylenes
Concen: 18.562 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

Tgt Ion: 106 Resp: 141564
Ion Ratio Lower Upper
106 100
91 201.0 159.4 239.0

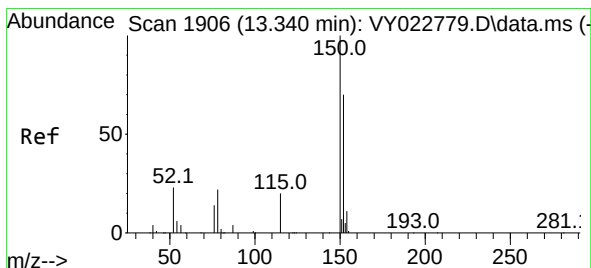
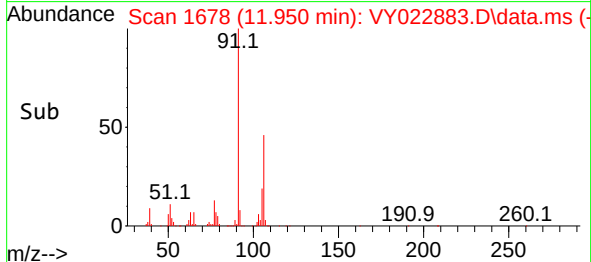
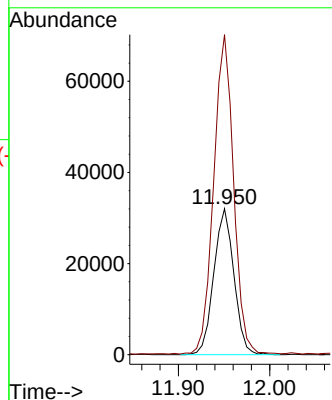
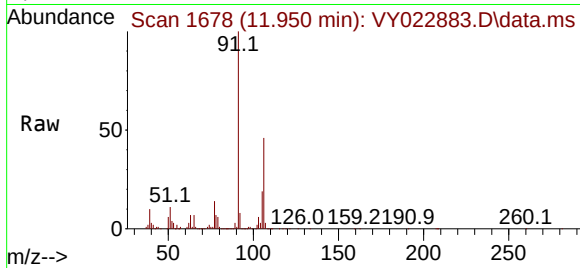




#69
o-Xylene
Concen: 6.808 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

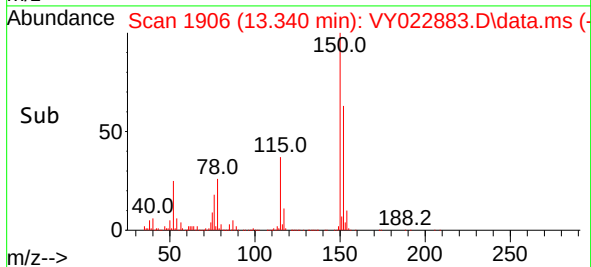
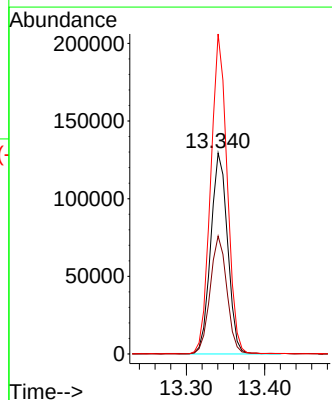
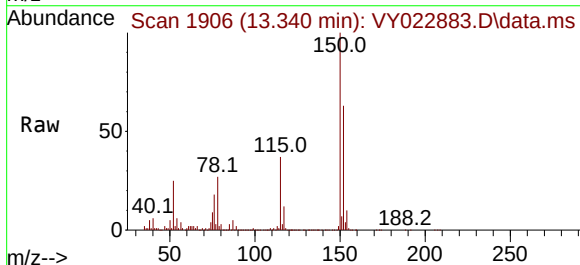
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

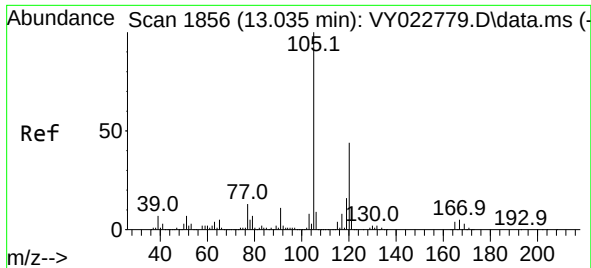
Tgt Ion:106 Resp: 48920
Ion Ratio Lower Upper
106 100
91 216.4 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022883.D
Acq: 30 Jun 2025 16:25

Tgt Ion:152 Resp: 193412
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 156.1 0.0 349.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.110 ug/l
 RT: 13.036 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022883.D
 Acq: 30 Jun 2025 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Tgt Ion:105 Resp: 24397
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.1

