

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020900.D
 Acq On : 22 Jan 2025 15:42
 Operator : SY/MD
 Sample : Q1156-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:46:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

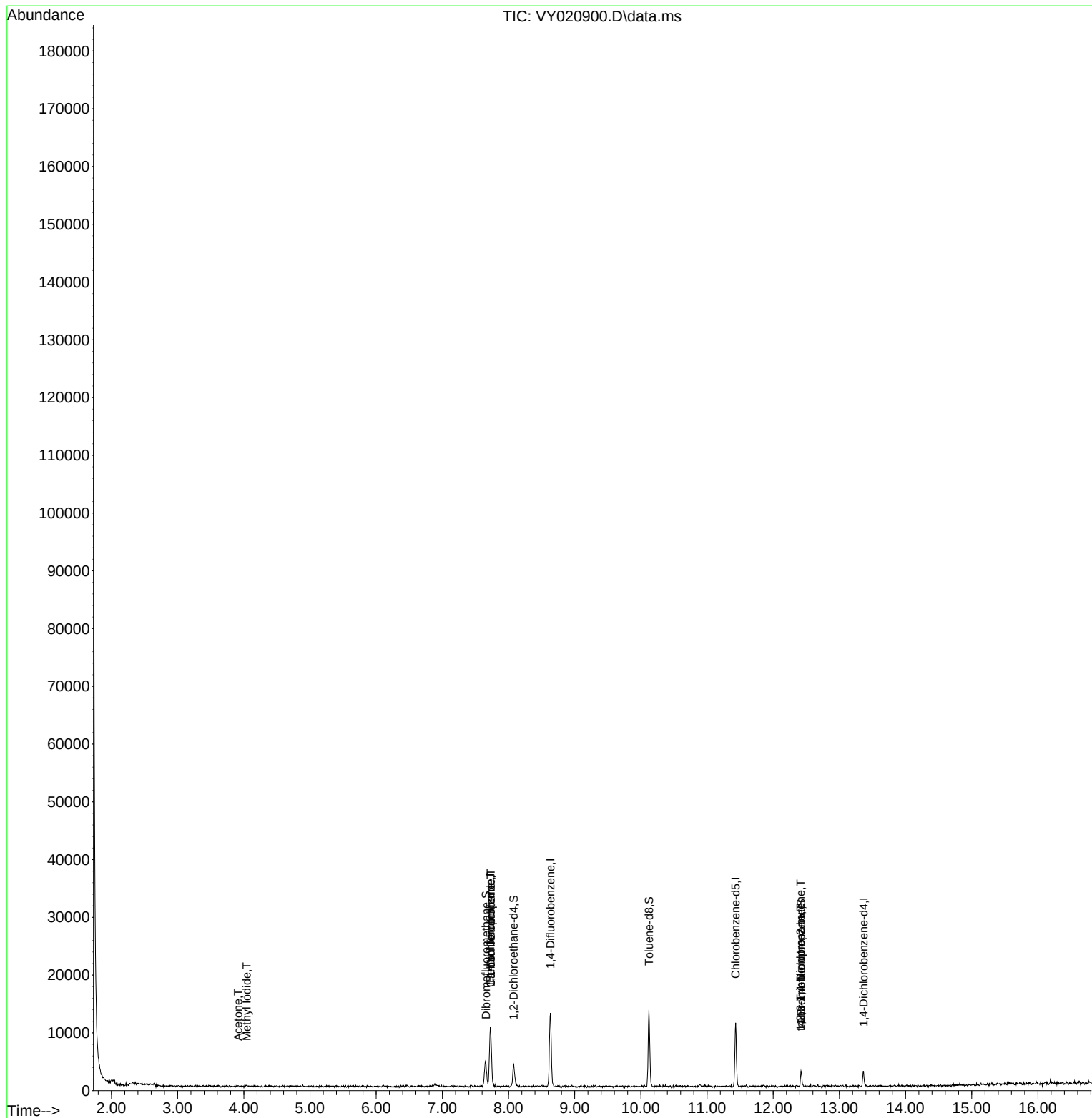
Internal Standards						
1) Pentafluorobenzene	7.726	168	9090	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.634	114	12064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	6824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	1016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	3362	43.514	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.020%
35) Dibromofluoromethane	7.659	113	3380	44.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.440%
50) Toluene-d8	10.121	98	9429	35.787	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.580%
62) 4-Bromofluorobenzene	12.420	95	952	9.785	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	19.560%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.043	142	226	2.606	ug/l #	49
16) Acetone	3.915	43	22	2.002	ug/l #	41
36) 1,1-Dichloropropene	7.732	75	567	5.882	ug/l #	40
38) Carbon Tetrachloride	7.732	117	967	7.206	ug/l #	12
76) 1,2,3-Trichloropropane	12.414	75	336	37.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	336	79.695	ug/l #	14

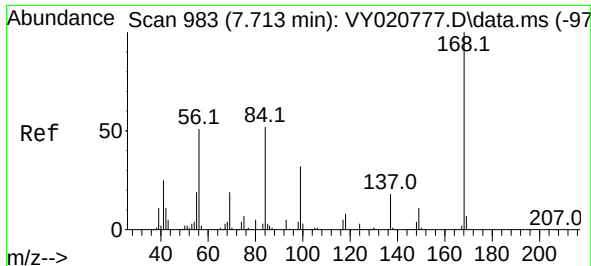
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY012225\
Data File : VY020900.D
Acq On : 22 Jan 2025 15:42
Operator : SY/MD
Sample : Q1156-01RE
Misc : 5.03g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Jan 23 00:46:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

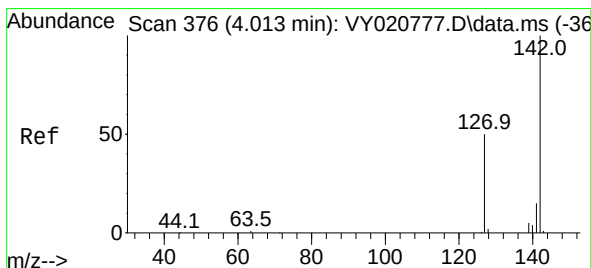
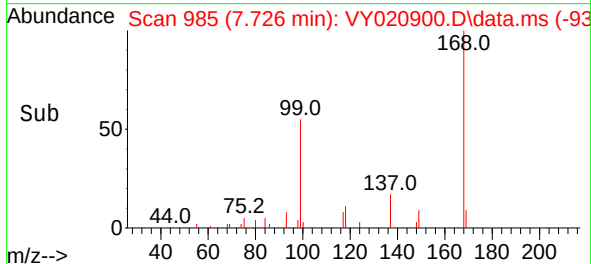
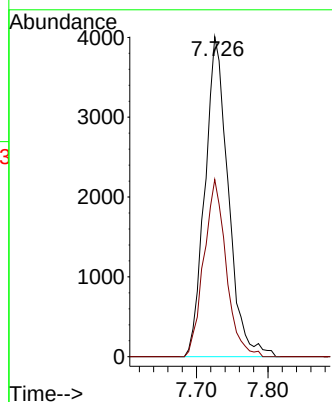
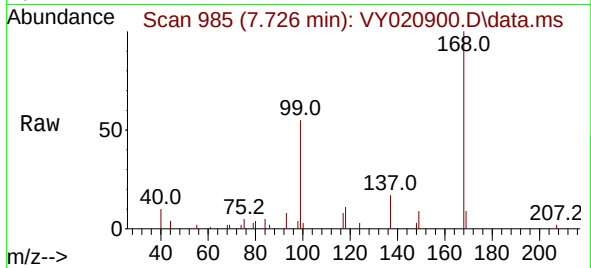




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 9090
Delta R.T. -0.011 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

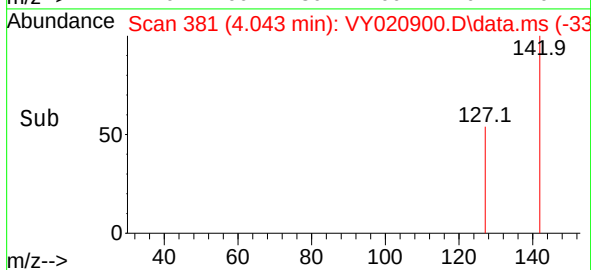
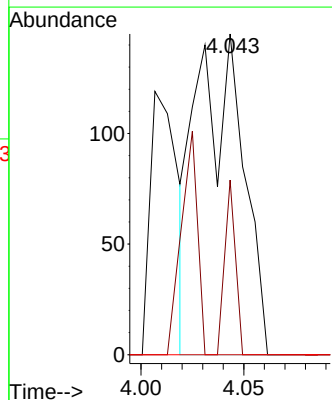
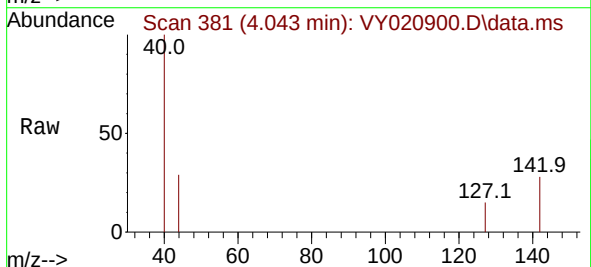
Instrument :
MSVOA_Y
ClientSampleId :

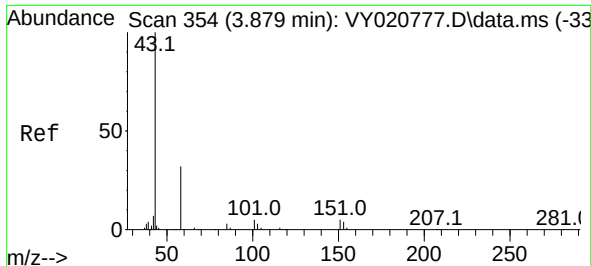
Tgt Ion:168 Resp: 9090
Ion Ratio Lower Upper
168 100
99 55.4 44.3 66.5



#10
Methyl Iodide
Concen: 2.606 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.000 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

Tgt Ion:142 Resp: 226
Ion Ratio Lower Upper
142 100
127 12.8 41.0 61.6#
141 0.0 11.6 17.4#

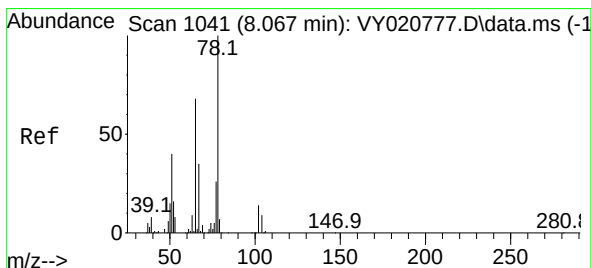
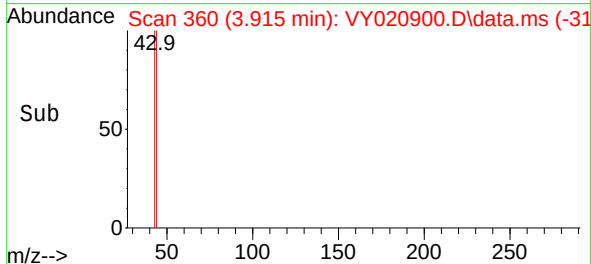
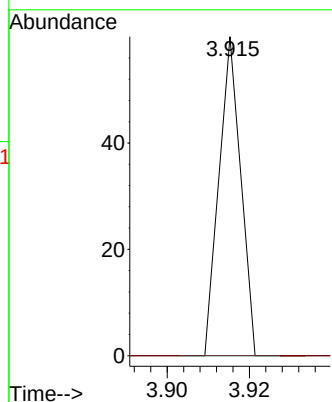
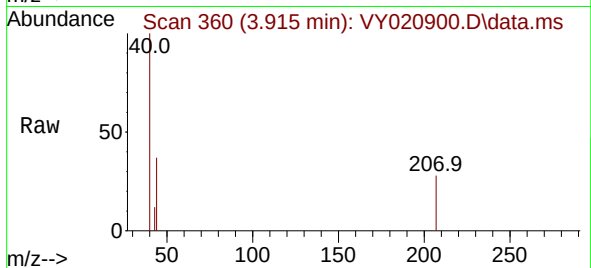




#16
Acetone
Concen: 2.002 ug/l
RT: 3.915 min Scan# 30
Delta R.T. 0.000 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

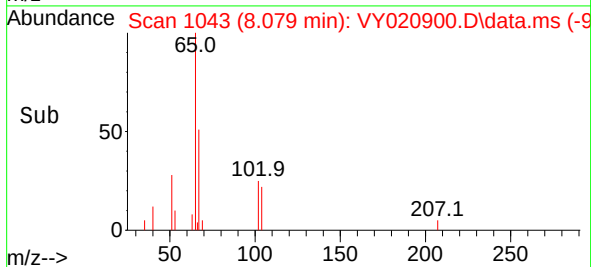
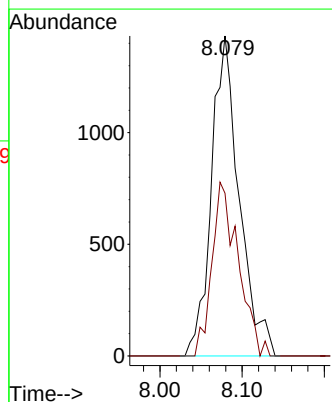
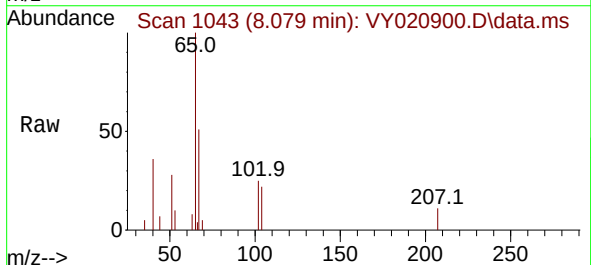
Instrument :
MSVOA_Y
ClientSampleId :

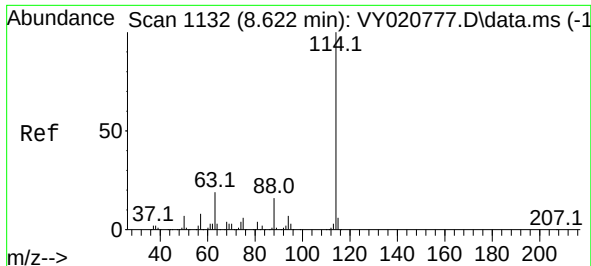
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#33
1,2-Dichloroethane-d4
Concen: 43.514 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

Tgt Ion: 65 Resp: 3362
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VY020900.D

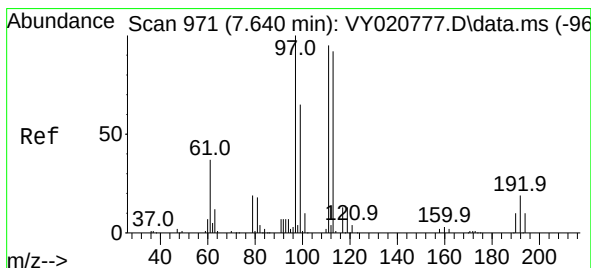
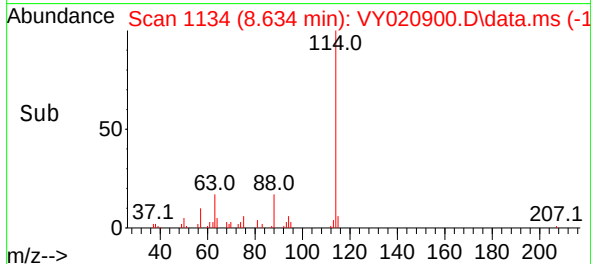
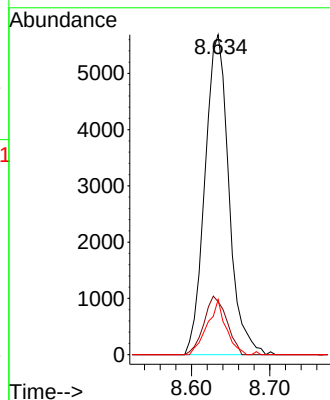
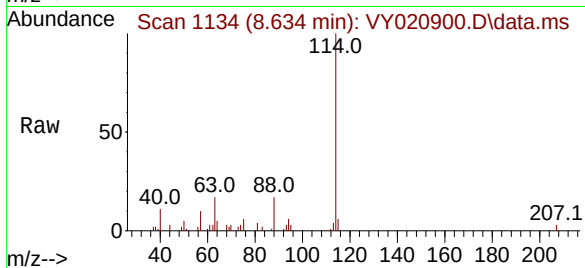
Acq: 22 Jan 2025 15:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	12064
Ion Ratio	Lower	Upper
114	100	
63	16.5	0.0 38.4
88	17.2	0.0 31.2



#35

Dibromofluoromethane

Concen: 44.721 ug/l

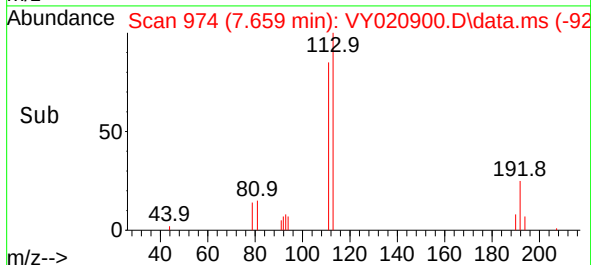
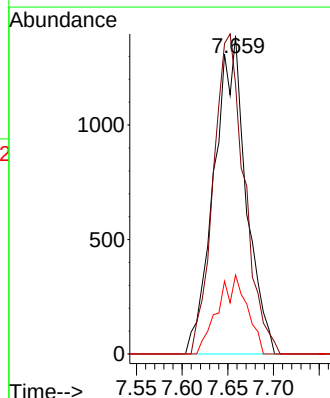
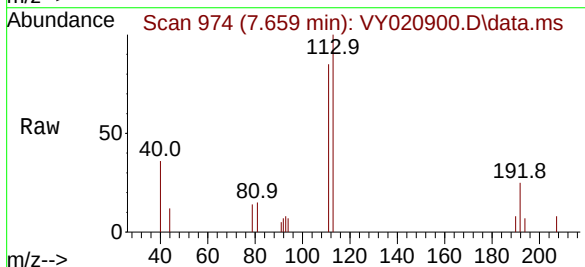
RT: 7.659 min Scan# 974

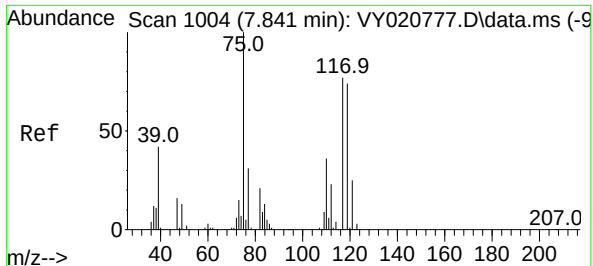
Delta R.T. -0.006 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

Tgt Ion:113	Resp:	3380
Ion Ratio	Lower	Upper
113	100	
111	97.7	81.7 122.5
192	22.7	16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.882 ug/l

RT: 7.732 min Scan# 986

Delta R.T. -0.134 min

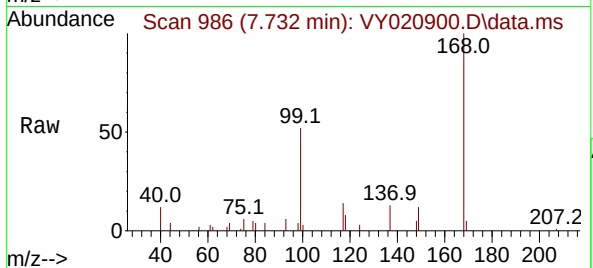
Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

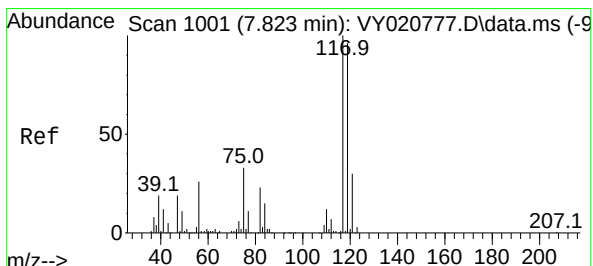
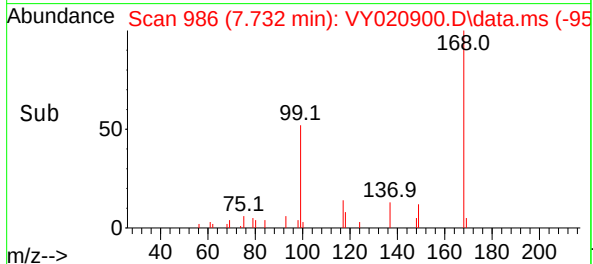
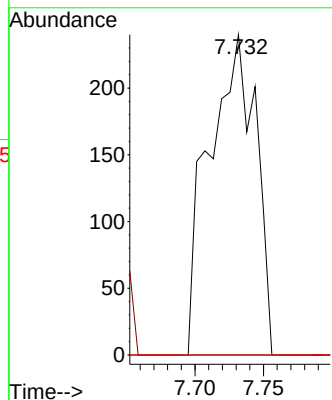
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 567
Ion Ratio	Lower Upper
75	100
110	0.0 18.5 55.5#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 7.206 ug/l

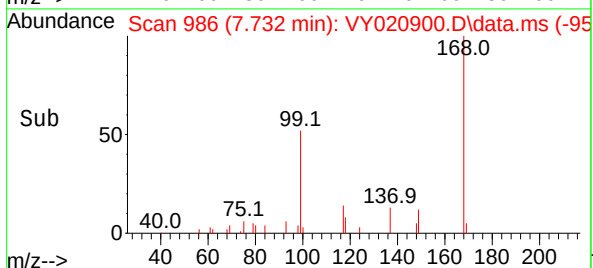
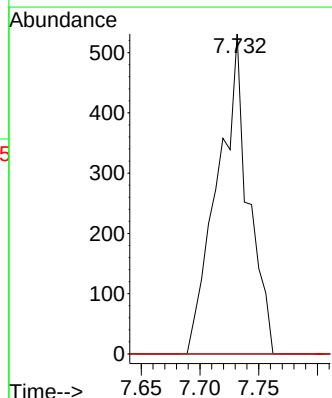
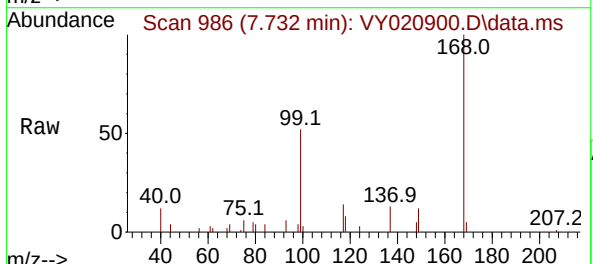
RT: 7.732 min Scan# 986

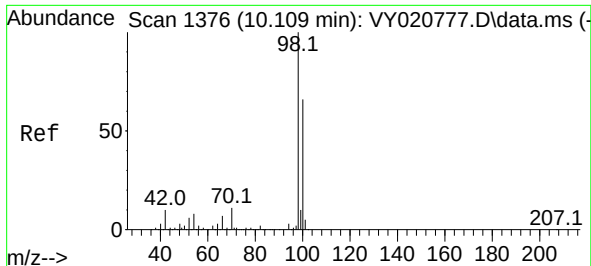
Delta R.T. -0.116 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

Tgt Ion: 117	Resp: 967
Ion Ratio	Lower Upper
117	100
119	0.0 76.5 114.7#
121	0.0 24.3 36.5#





#50

Toluene-d8

Concen: 35.787 ug/l

RT: 10.121 min Scan# 14

Delta R.T. -0.012 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

Instrument :

MSVOA_Y

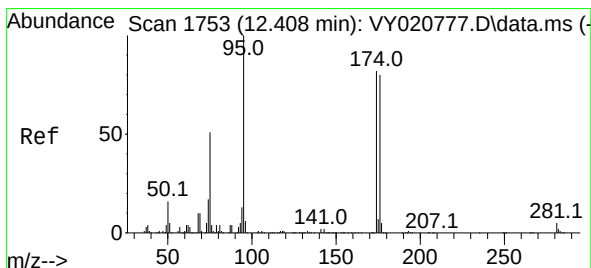
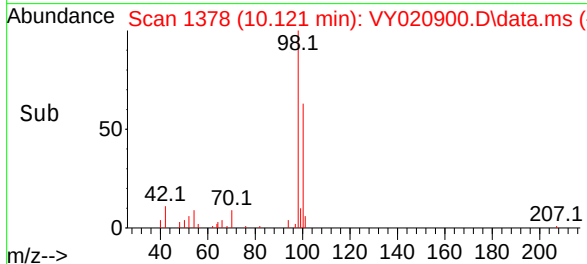
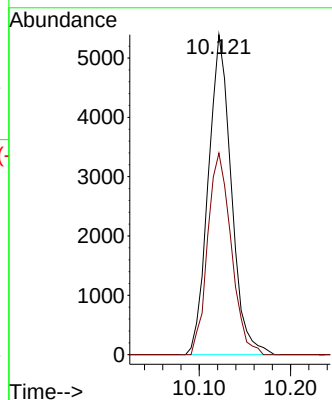
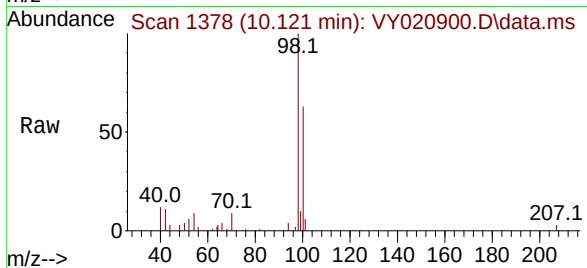
ClientSampleId :

Tgt Ion: 98 Resp: 9429

Ion Ratio Lower Upper

98 100

100 64.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 9.785 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.006 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

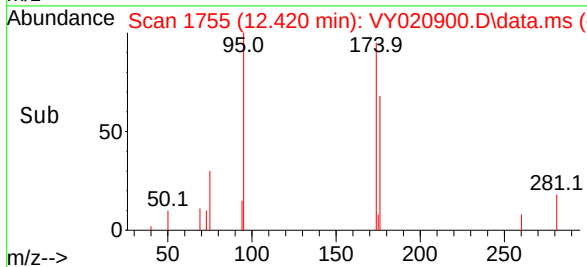
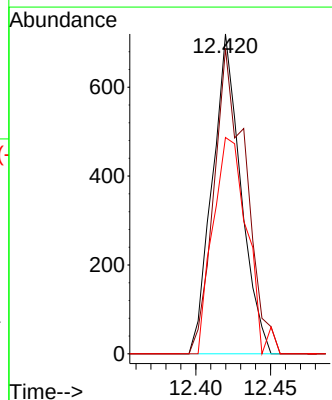
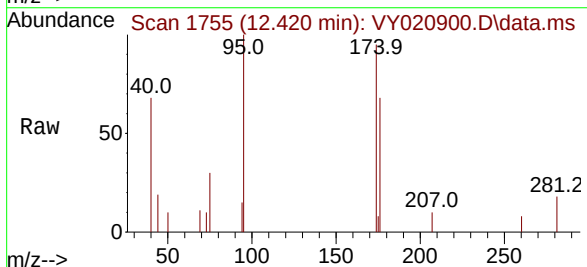
Tgt Ion: 95 Resp: 952

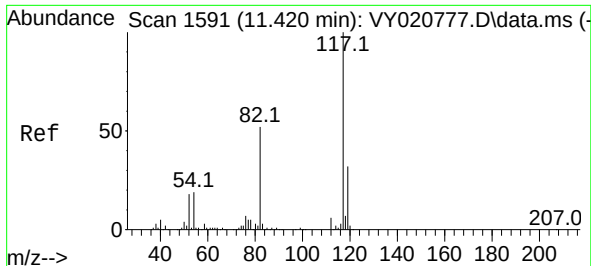
Ion Ratio Lower Upper

95 100

174 106.2 0.0 178.0

176 81.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 1910

Delta R.T. -0.006 min

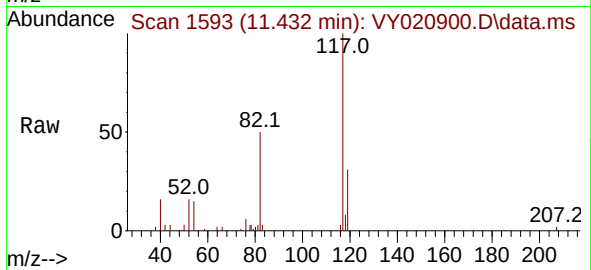
Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

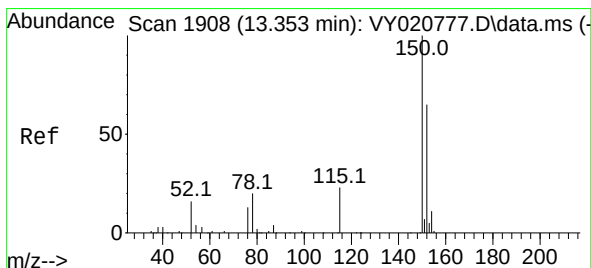
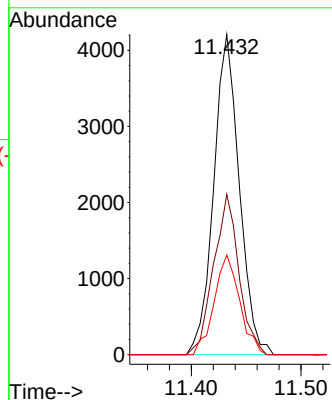
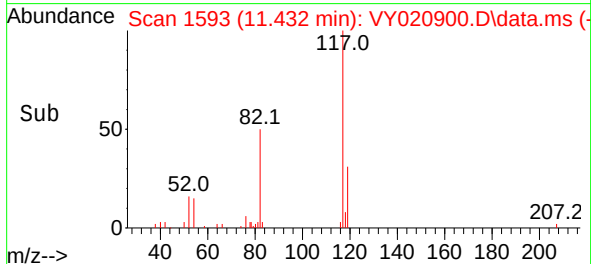
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	6824
Ion	Ratio	Lower Upper
117	100	
82	50.1	41.8 62.6
119	31.1	25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

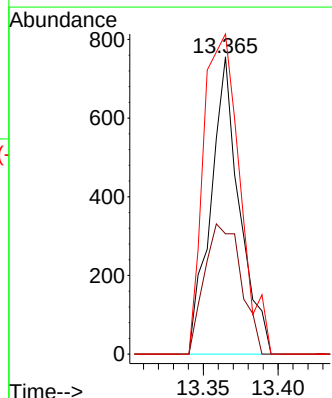
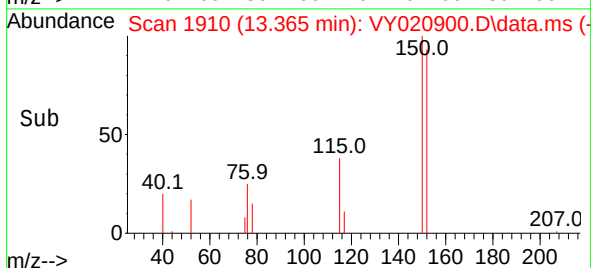
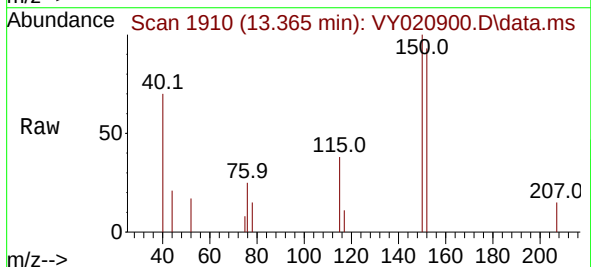
RT: 13.365 min Scan# 1910

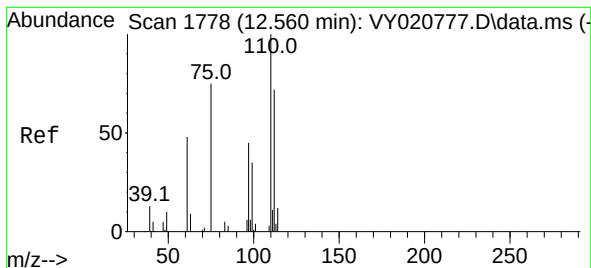
Delta R.T. -0.006 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

Tgt Ion:152	Resp:	1016
Ion	Ratio	Lower Upper
152	100	
115	55.7	29.0 87.0
150	135.4	0.0 347.4

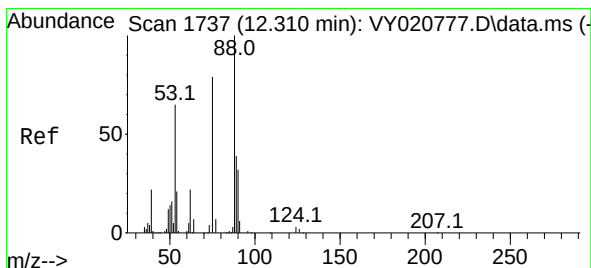
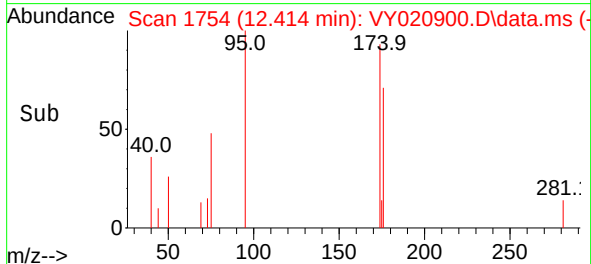
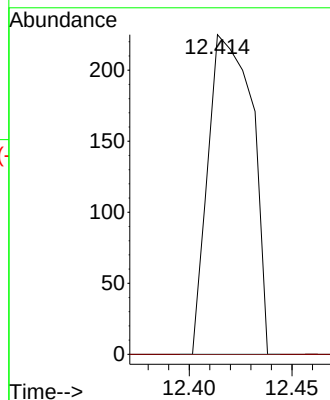
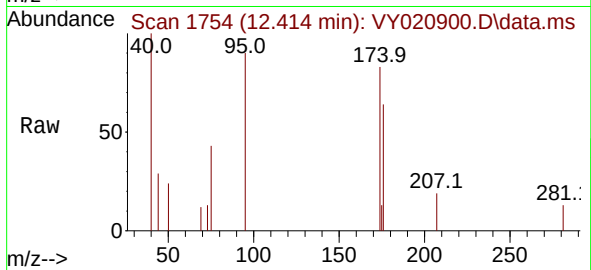




#76
1,2,3-Trichloropropane
Concen: 37.796 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.164 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 336
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 79.695 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.086 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

Tgt Ion: 75 Resp: 336
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#

