

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020897.D
 Acq On : 22 Jan 2025 12:35
 Operator : SY/MD
 Sample : Q1142-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:45:21 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	4931	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	6529	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.432	117	2435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	595	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	2317	55.283	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.560%
35) Dibromofluoromethane	7.652	113	2363	57.770	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.540%
50) Toluene-d8	10.122	98	5006	35.108	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.220%
62) 4-Bromofluorobenzene	12.414	95	462	8.774	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	17.540%#

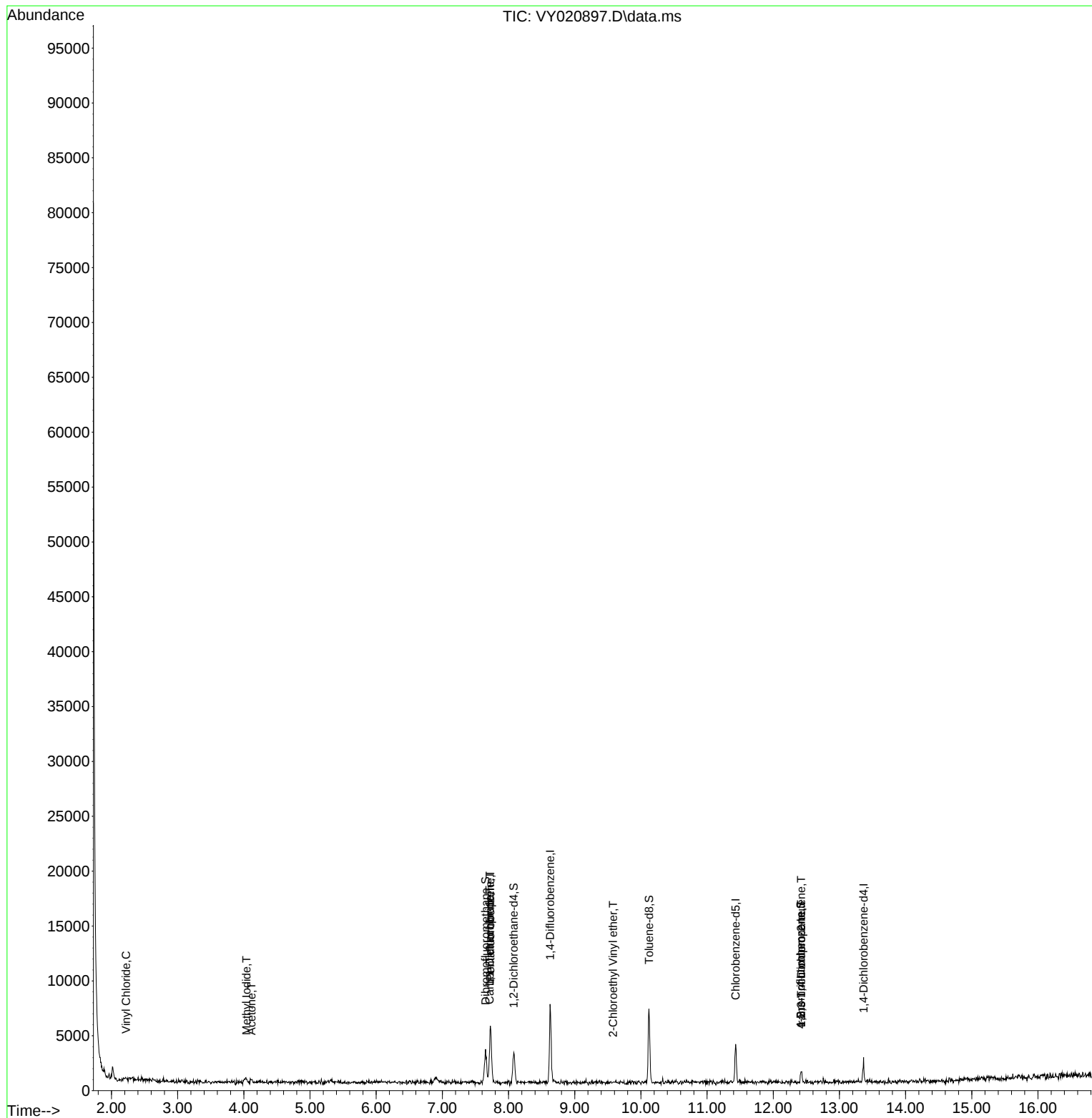
Target Compounds					Qvalue	
4) Vinyl Chloride	2.221	62	23	1.086	ug/l #	41
10) Methyl Iodide	4.037	142	672	14.283	ug/l #	92
16) Acetone	4.117	43	49	8.222	ug/l #	41
36) 1,1-Dichloropropene	7.720	75	246	4.715	ug/l #	40
38) Carbon Tetrachloride	7.713	117	429	5.907	ug/l #	12
58) 2-Chloroethyl Vinyl ether	9.579	63	19	1.273	ug/l #	42
76) 1,2,3-Trichloropropane	12.420	75	125	24.010	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	125	50.626	ug/l #	14

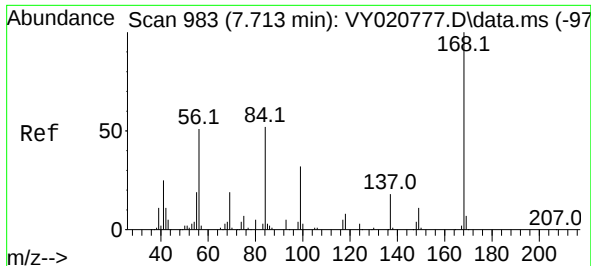
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY012225\
Data File : VY020897.D
Acq On : 22 Jan 2025 12:35
Operator : SY/MD
Sample : Q1142-02RE
Misc : 5.08g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Jan 23 00:45:21 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

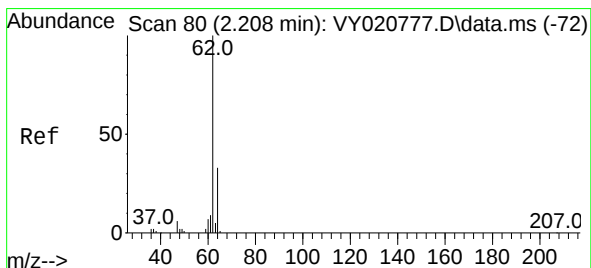
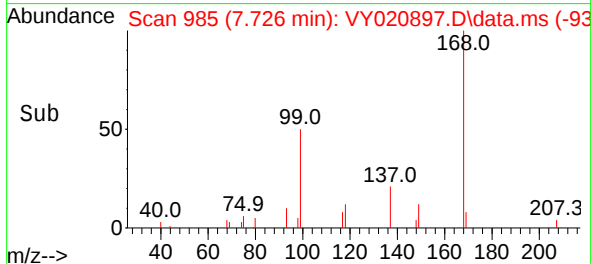
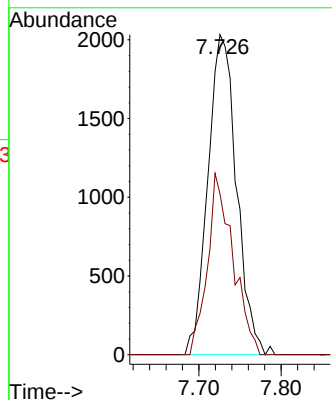
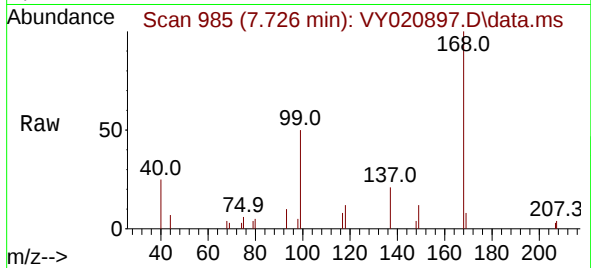




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. -0.011 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

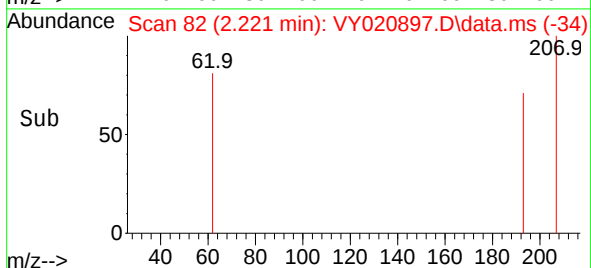
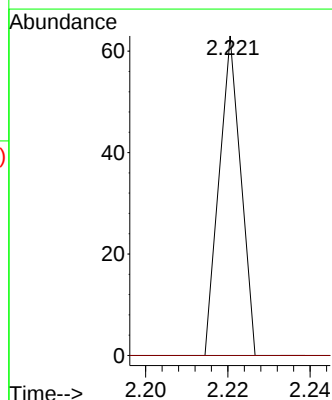
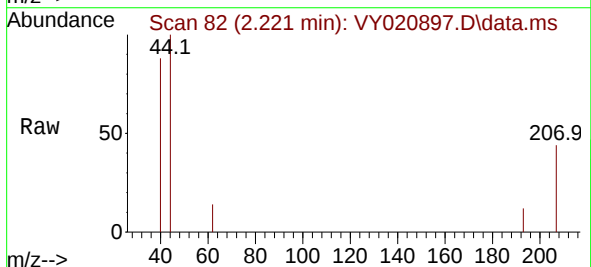
Instrument :
MSVOA_Y
ClientSampleId :

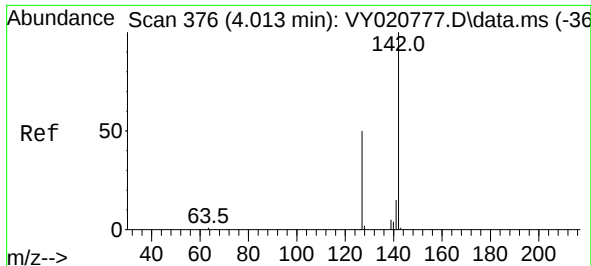
Tgt Ion:168 Resp: 4931
Ion Ratio Lower Upper
168 100
99 50.2 44.3 66.5



#4
Vinyl Chloride
Concen: 1.086 ug/l
RT: 2.221 min Scan# 82
Delta R.T. -0.006 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

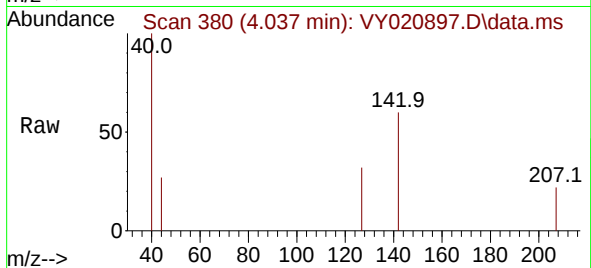
Tgt Ion: 62 Resp: 23
Ion Ratio Lower Upper
62 100
64 0.0 26.6 39.8#



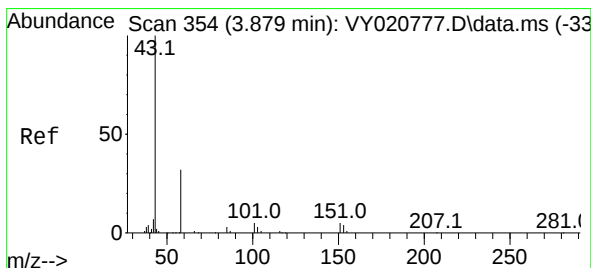
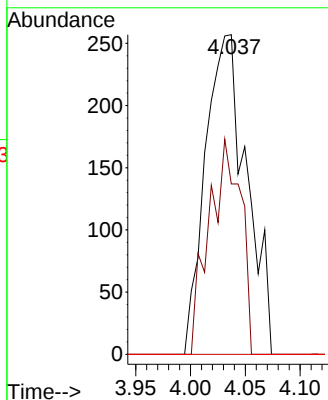
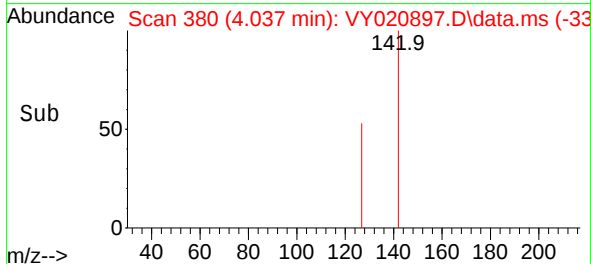


#10
Methyl Iodide
Concen: 14.283 ug/l
RT: 4.037 min Scan# 310
Delta R.T. -0.006 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

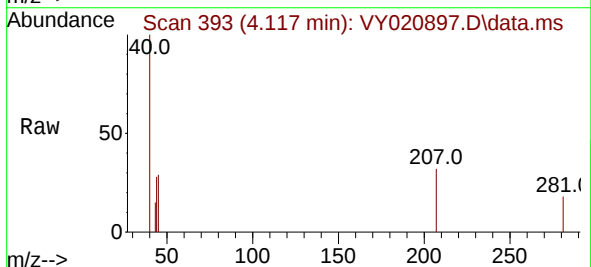
Instrument :
MSVOA_Y
ClientSampleId :



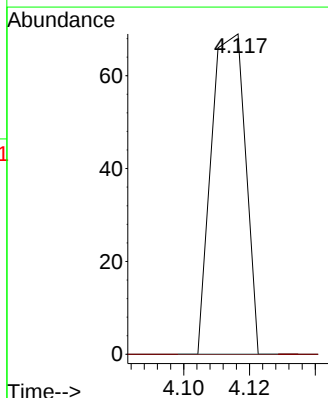
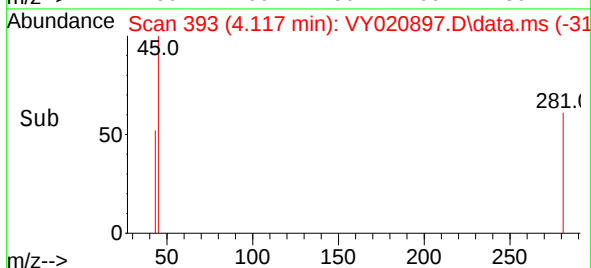
Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
142 100
127 51.9 41.0 61.6
141 0.0 11.6 17.4#

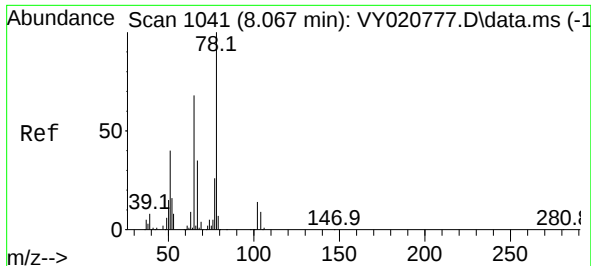


#16
Acetone
Concen: 8.222 ug/l
RT: 4.117 min Scan# 393
Delta R.T. 0.202 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35



Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#





#33

1,2-Dichloroethane-d4

Concen: 55.283 ug/l

RT: 8.079 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

Instrument :

MSVOA_Y

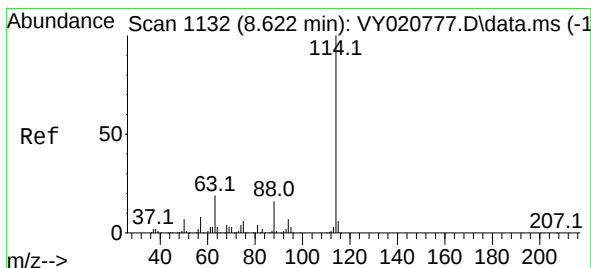
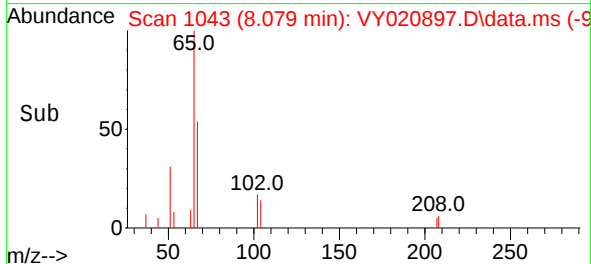
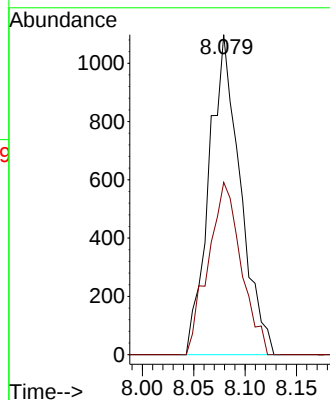
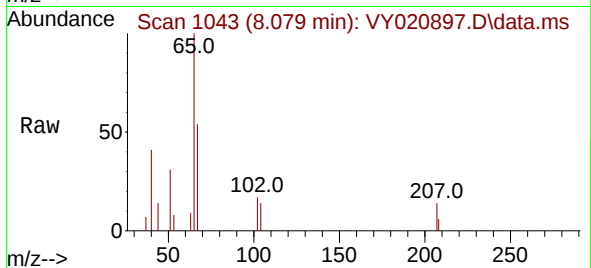
ClientSampleId :

Tgt Ion: 65 Resp: 2317

Ion Ratio Lower Upper

65 100

67 56.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

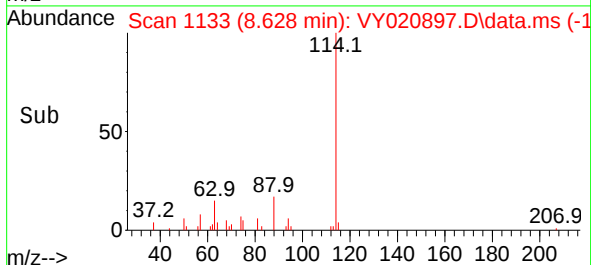
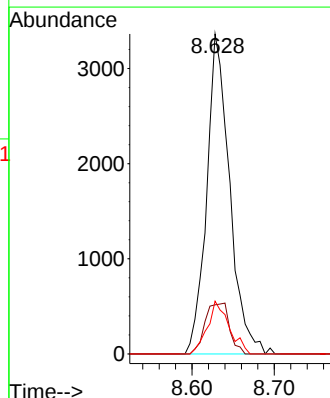
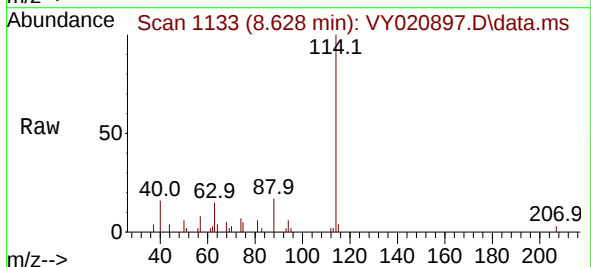
Tgt Ion: 114 Resp: 6529

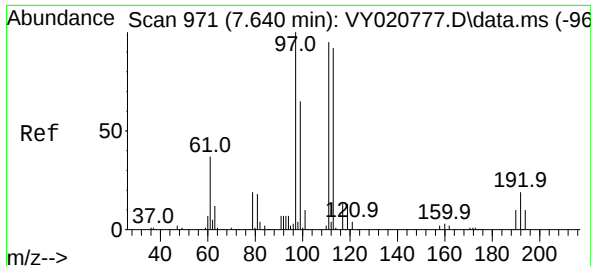
Ion Ratio Lower Upper

114 100

63 15.3 0.0 38.4

88 16.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 57.770 ug/l

RT: 7.652 min Scan# 91

Delta R.T. -0.012 min

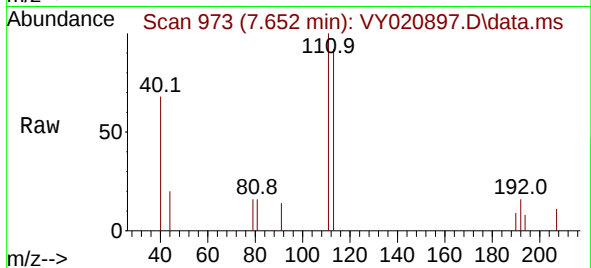
Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :



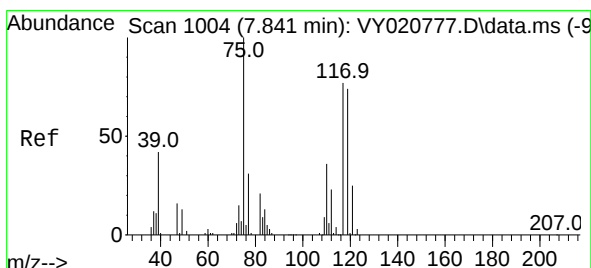
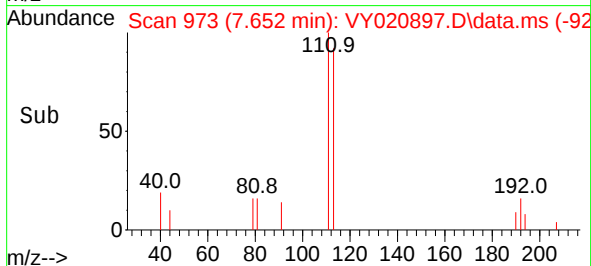
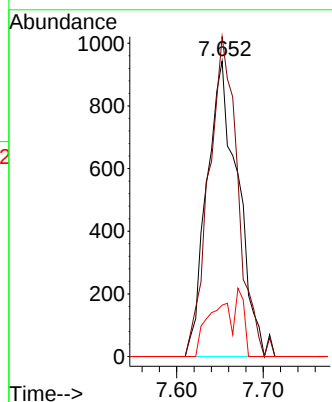
Tgt Ion:113 Resp: 2363

Ion Ratio Lower Upper

113 100

111 100.8 81.7 122.5

192 14.0 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.715 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.146 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

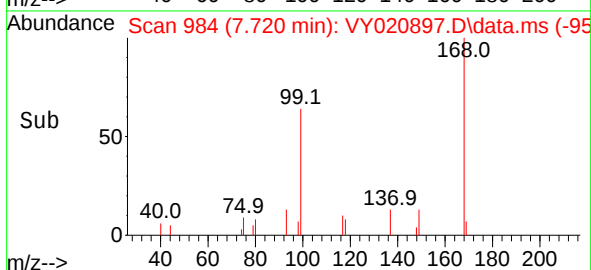
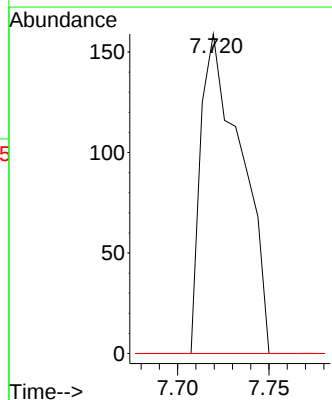
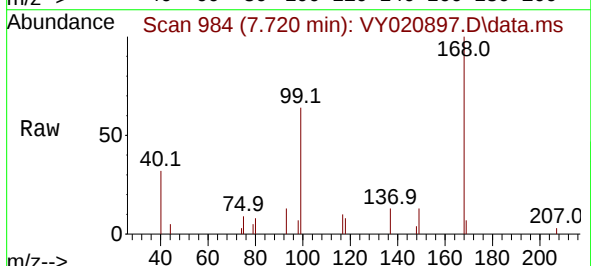
Tgt Ion: 75 Resp: 246

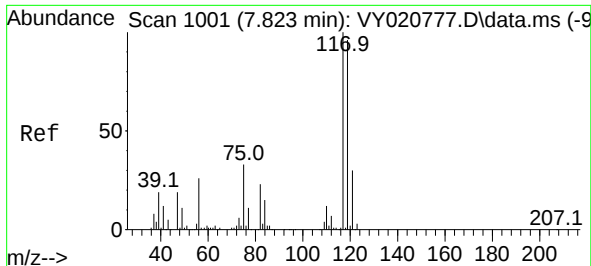
Ion Ratio Lower Upper

75 100

110 0.0 18.5 55.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.907 ug/l

RT: 7.713 min Scan# 90

Delta R.T. -0.134 min

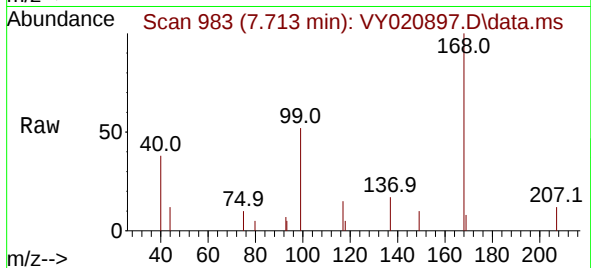
Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :



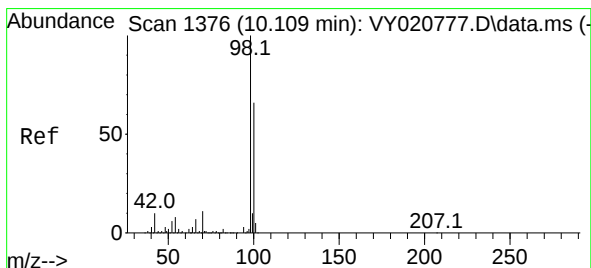
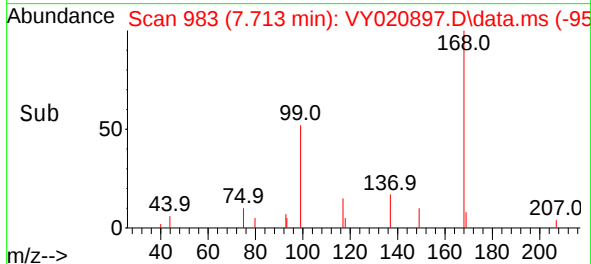
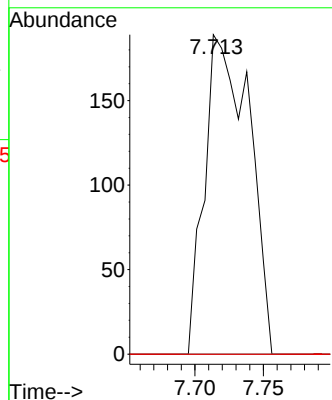
Tgt Ion:117 Resp: 429

Ion Ratio Lower Upper

117 100

119 0.0 76.5 114.7#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 35.108 ug/l

RT: 10.122 min Scan# 1378

Delta R.T. -0.012 min

Lab File: VY020897.D

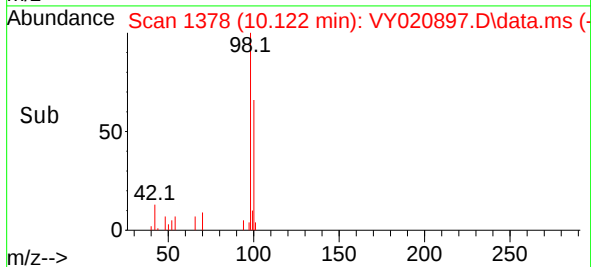
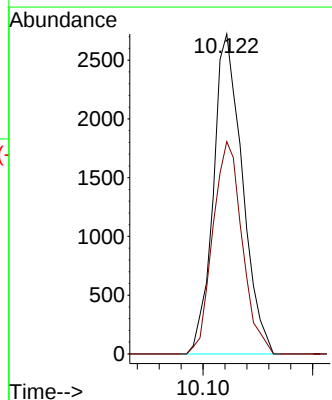
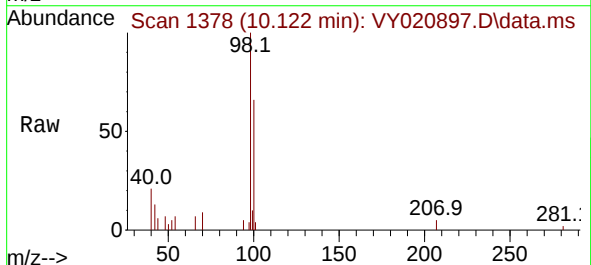
Acq: 22 Jan 2025 12:35

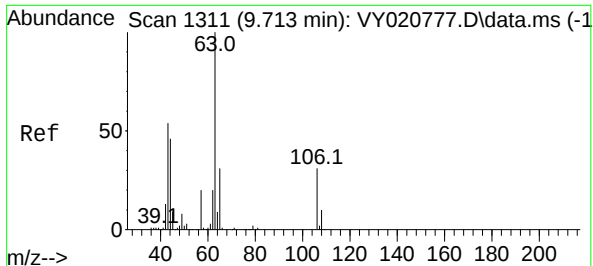
Tgt Ion: 98 Resp: 5006

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

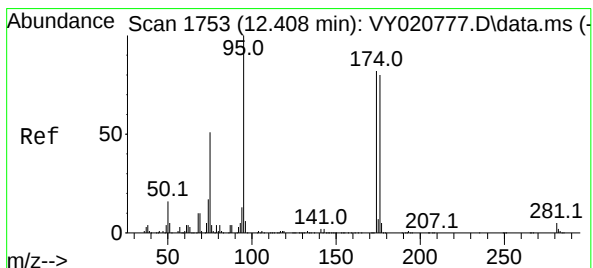
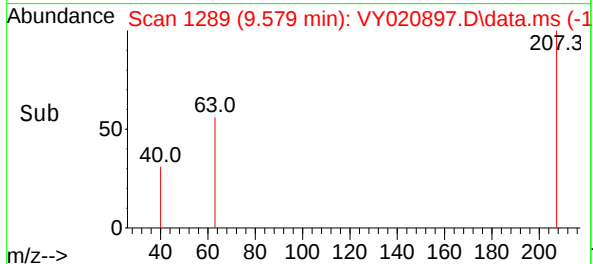
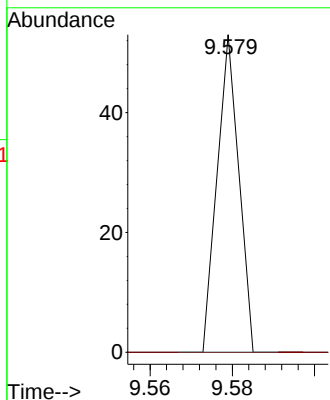
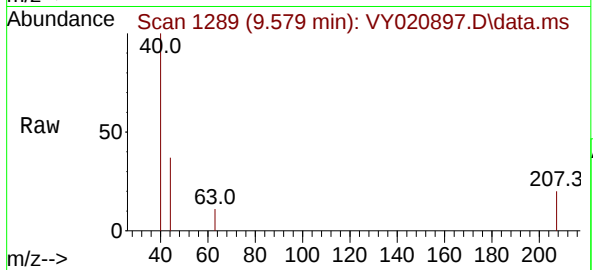




#58
2-Chloroethyl Vinyl ether
Concen: 1.273 ug/l
RT: 9.579 min Scan# 1289
Delta R.T. -0.152 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

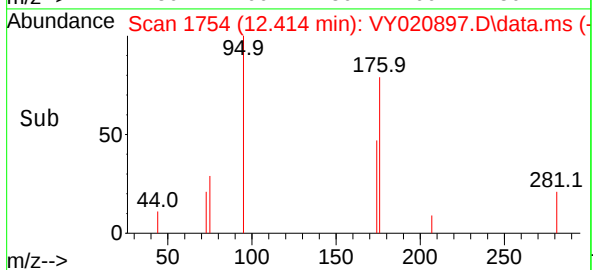
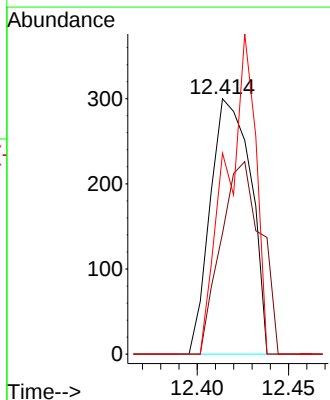
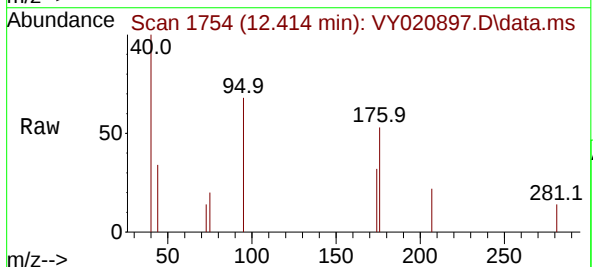
Instrument :
MSVOA_Y
ClientSampleId :

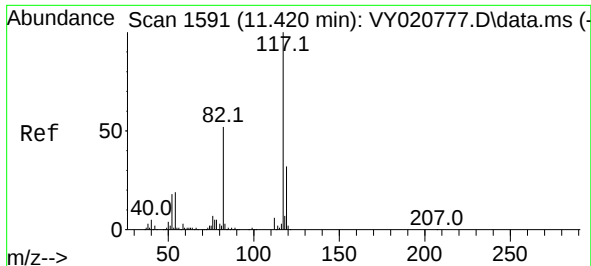
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 25.9 38.9#



#62
4-Bromofluorobenzene
Concen: 8.774 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.012 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

Tgt Ion: 95 Resp: 462
Ion Ratio Lower Upper
95 100
174 74.5 0.0 178.0
176 92.0 0.0 172.0

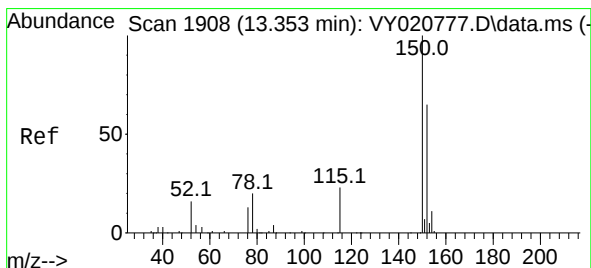
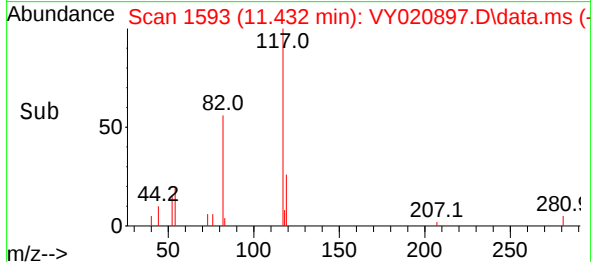
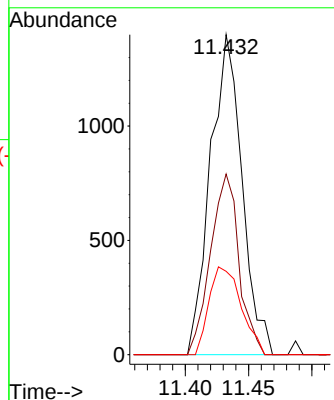
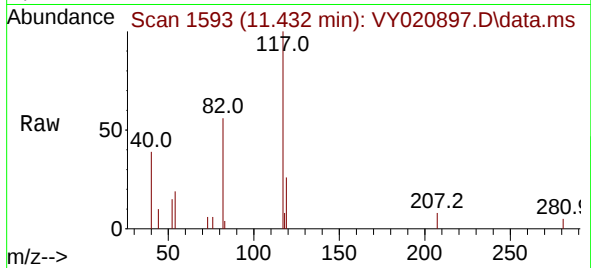




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

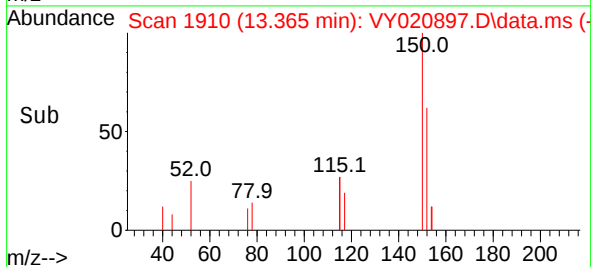
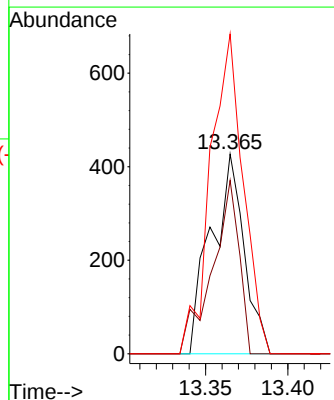
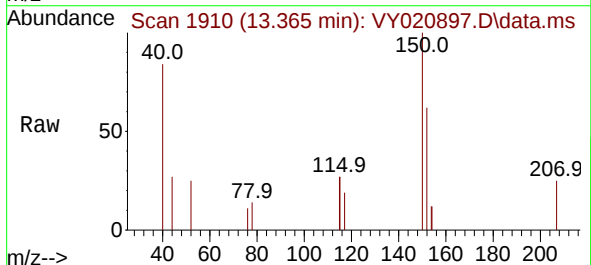
Instrument :
MSVOA_Y
ClientSampleId :

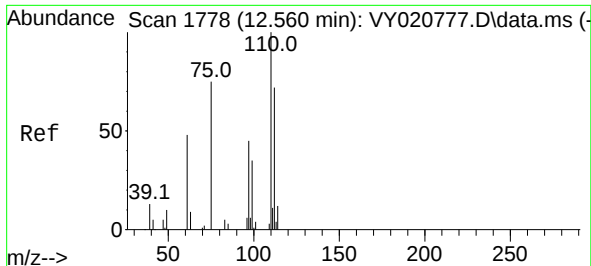
Tgt Ion:117 Resp: 2435
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.6
119 26.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

Tgt Ion:152 Resp: 595
Ion Ratio Lower Upper
152 100
115 70.1 29.0 87.0
150 158.8 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 24.010 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.158 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

Instrument :

MSVOA_Y

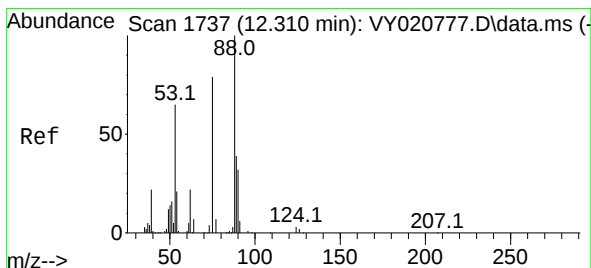
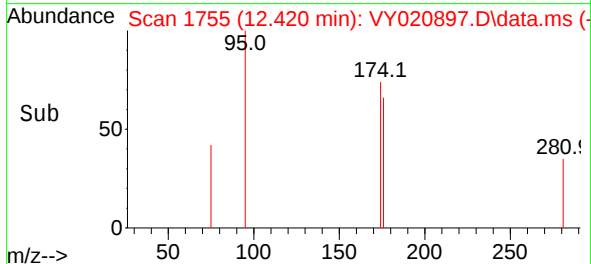
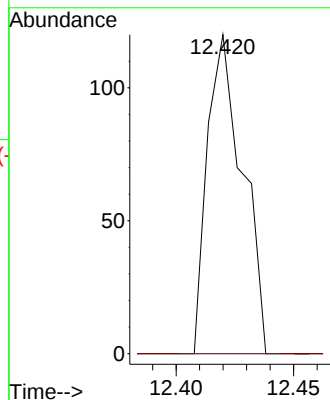
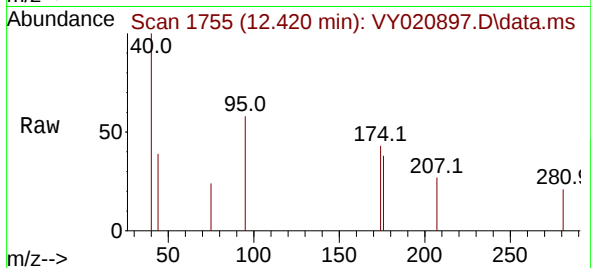
ClientSampleId :

Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 50.626 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.092 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.0#

89 0.0 39.6 59.4#

