

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020937.D
 Acq On : 27 Jan 2025 09:51
 Operator : SY/MD
 Sample : VY0127SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 28 01:09:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	237241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	406523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	343434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	130475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	119396	63.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.240%
35) Dibromofluoromethane	7.652	113	128709	55.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.115	98	467826	51.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.420	95	142244	47.215	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.440%

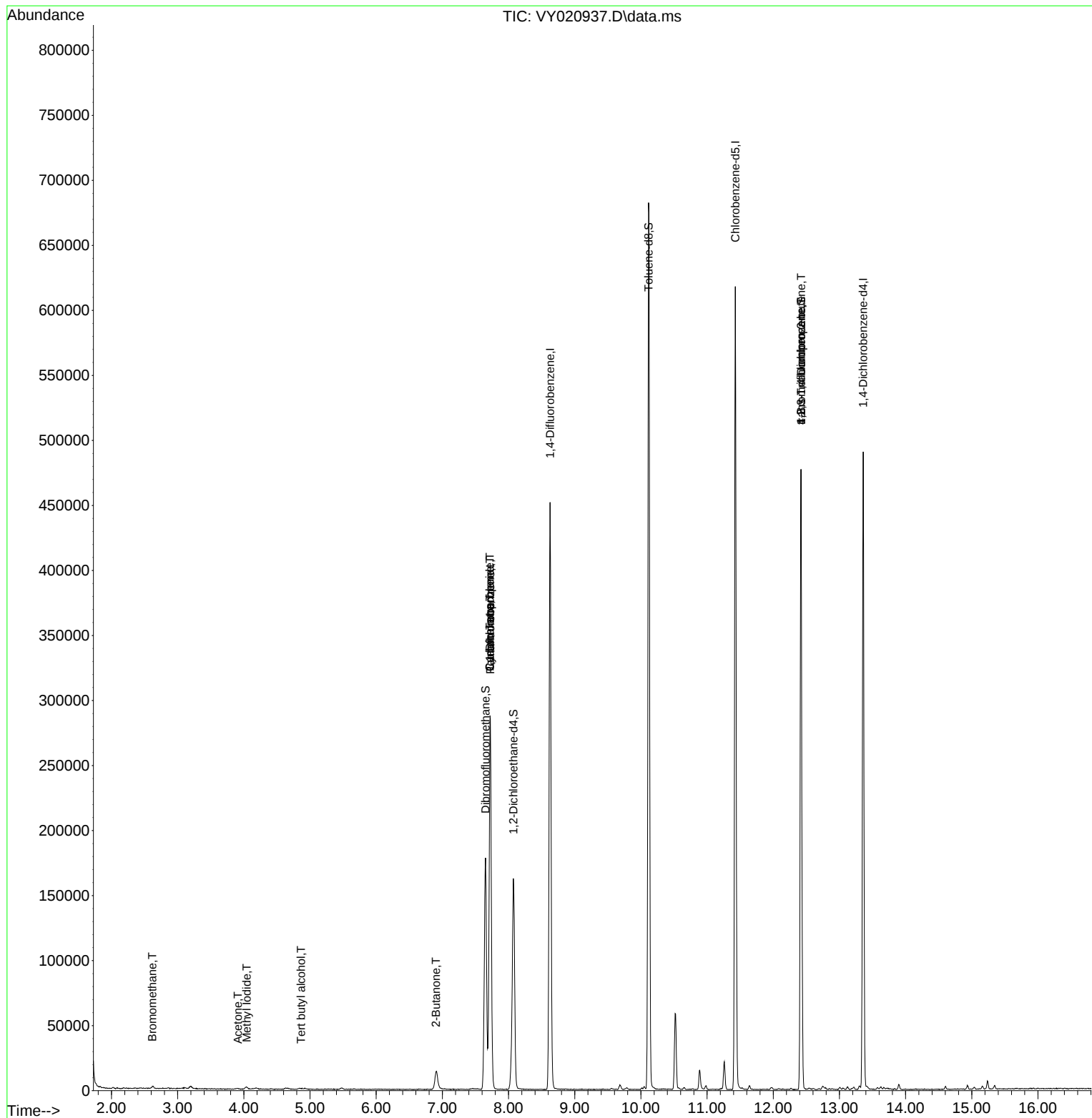
Target Compounds					Qvalue	
5) Bromomethane	2.617	94	988	1.003	ug/l	# 72
10) Methyl Iodide	4.043	142	3040	1.251	ug/l	97
11) Tert butyl alcohol	4.866	59	795	5.444	ug/l	# 74
16) Acetone	3.909	43	1090	4.253	ug/l	# 88
25) 2-Butanone	6.903	43	460	1.060	ug/l	# 42
31) Cyclohexane	7.719	56	3845	1.142	ug/l	# 1
36) 1,1-Dichloropropene	7.719	75	16447	5.048	ug/l	# 50
38) Carbon Tetrachloride	7.719	117	23427	5.962	ug/l	# 15
76) 1,2,3-Trichloropropane	12.420	75	70120	76.010	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.420	75	70120	146.851	ug/l	# 15

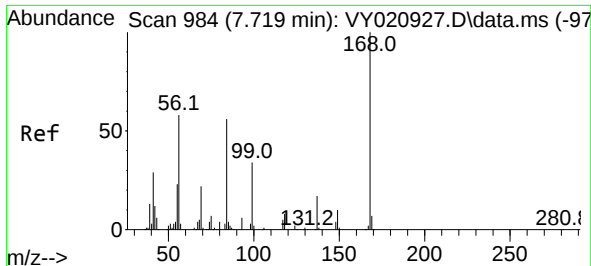
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

Quant Time: Jan 28 01:09:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

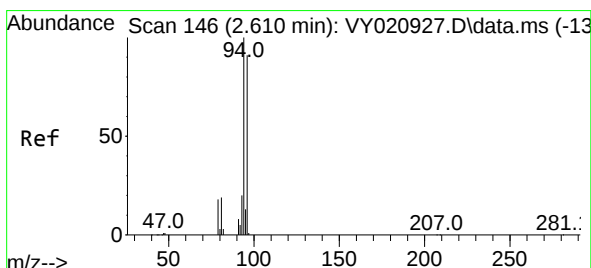
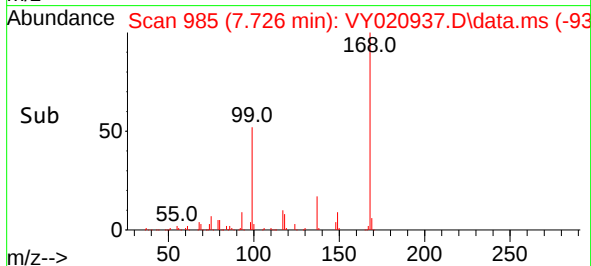
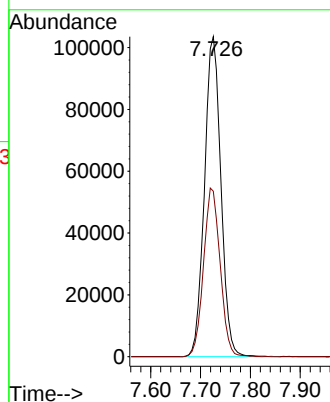
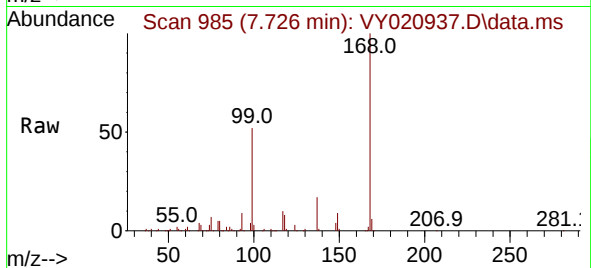




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

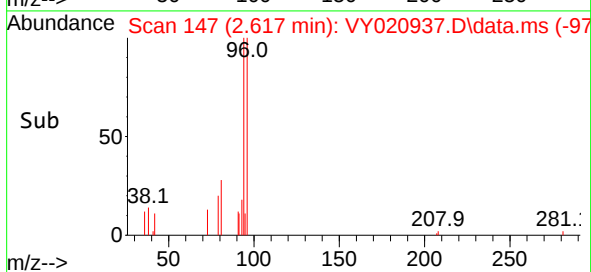
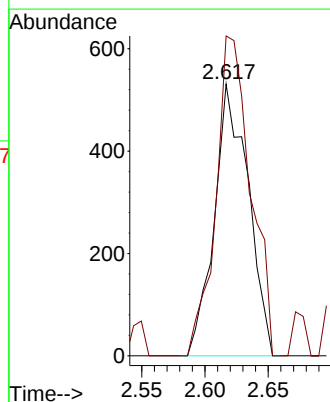
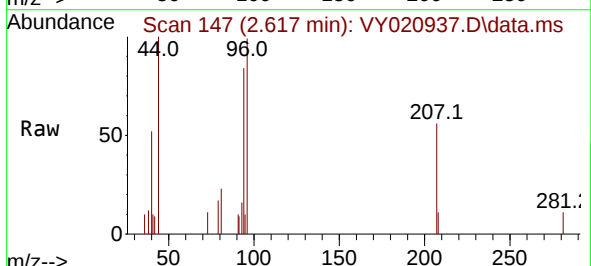
Instrument :
MSVOA_Y
ClientSampleId :

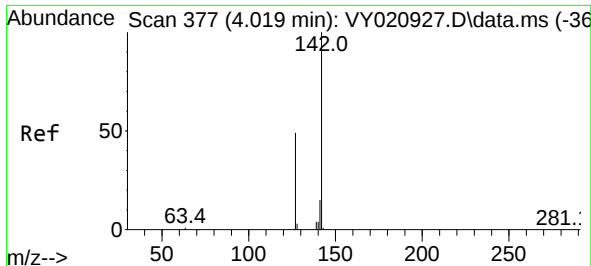
Tgt Ion:168 Resp: 237241
Ion Ratio Lower Upper
168 100
99 51.7 43.0 64.6



#5
Bromomethane
Concen: 1.003 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.006 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

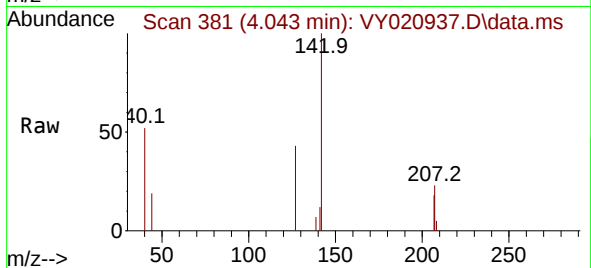
Tgt Ion: 94 Resp: 988
Ion Ratio Lower Upper
94 100
96 117.7 72.6 109.0#



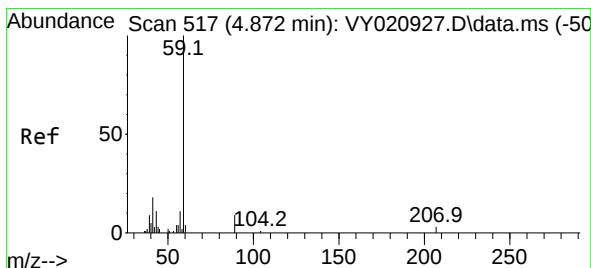
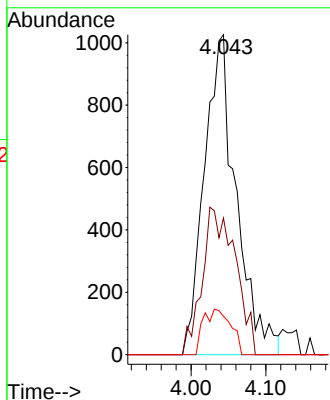
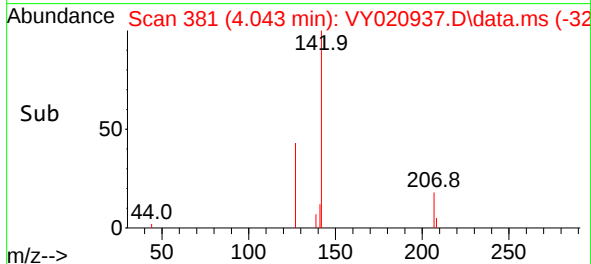


#10
Methyl Iodide
Concen: 1.251 ug/l
RT: 4.043 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :

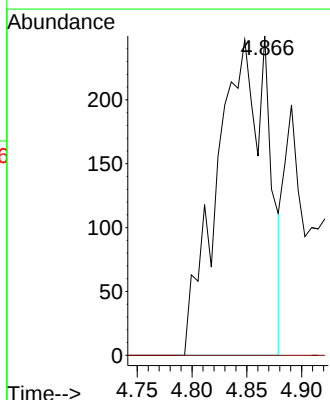
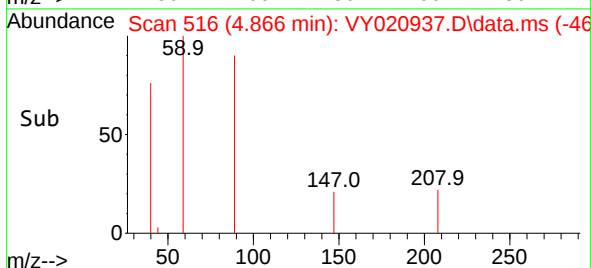
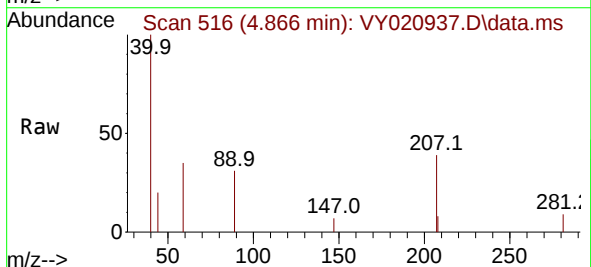


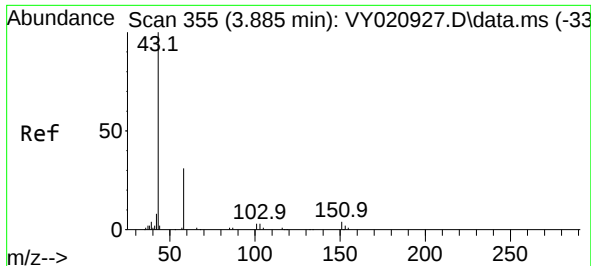
Tgt Ion:	142	Resp:	3040
Ion	Ratio	Lower	Upper
142	100		
127	48.1	37.3	55.9
141	12.2	11.4	17.2



#11
Tert butyl alcohol
Concen: 5.444 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

Tgt Ion:	59	Resp:	795
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5

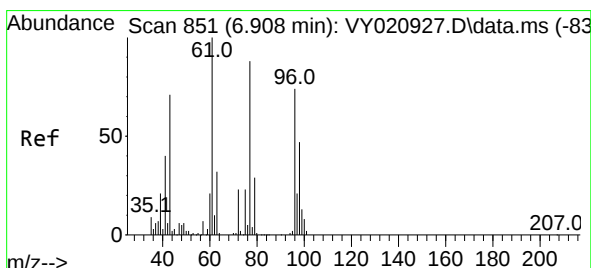
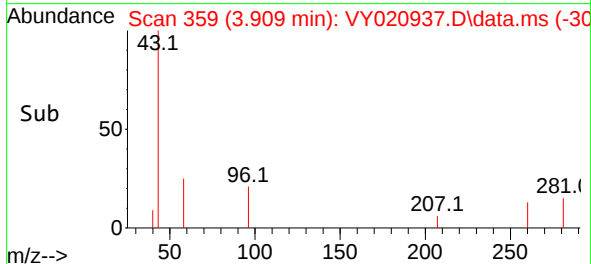
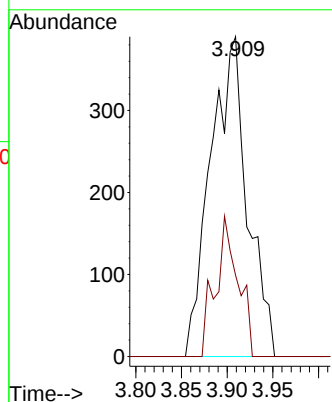
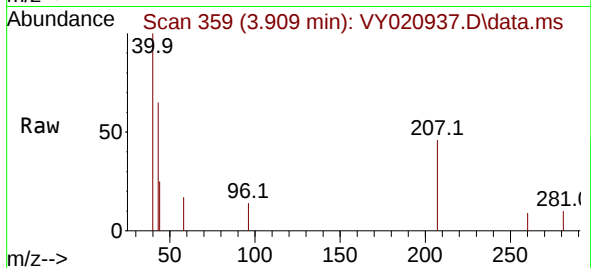




#16
Acetone
Concen: 4.253 ug/l
RT: 3.909 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

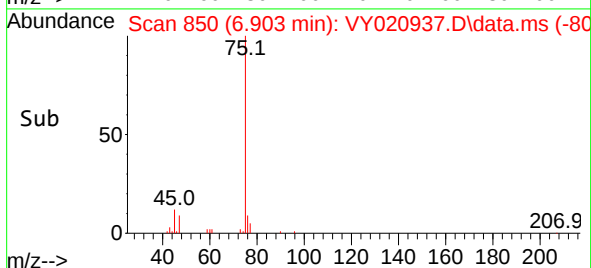
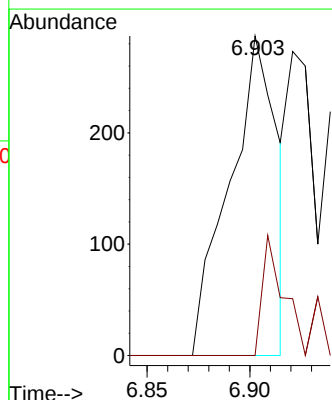
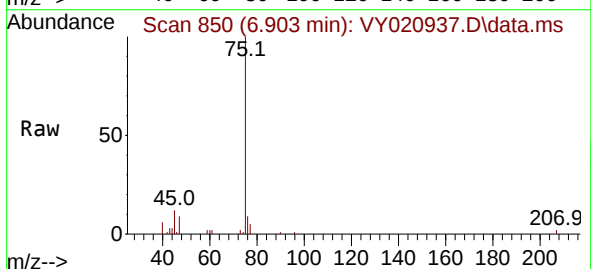
Instrument :
MSVOA_Y
ClientSampleId :

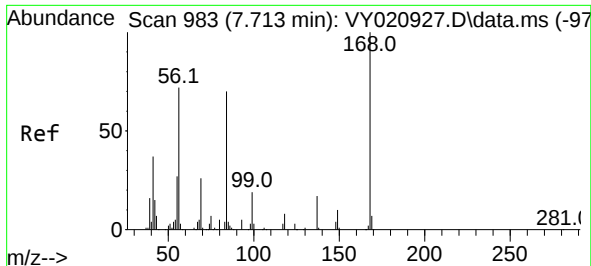
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 25.4 25.6 38.4#



#25
2-Butanone
Concen: 1.060 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.006 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#

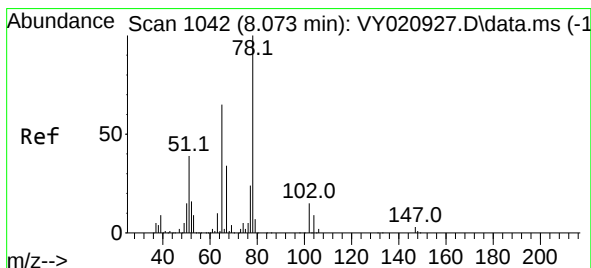
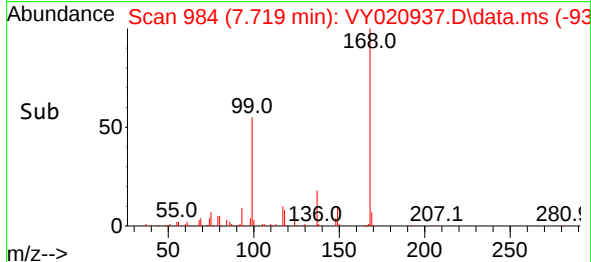
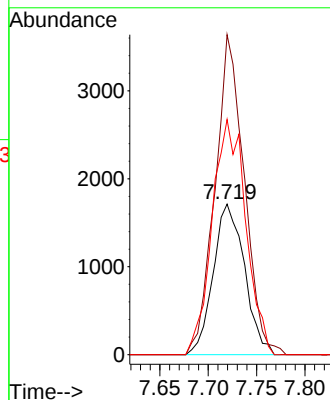
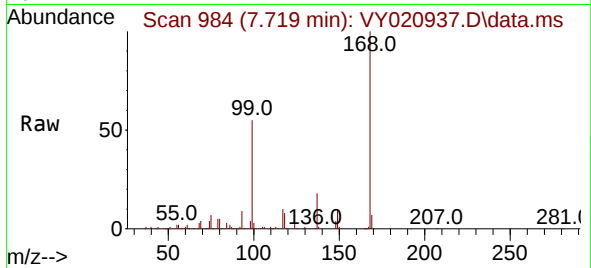




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

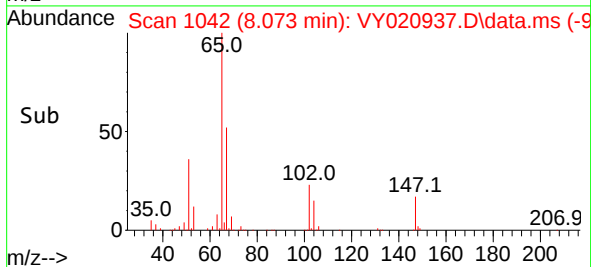
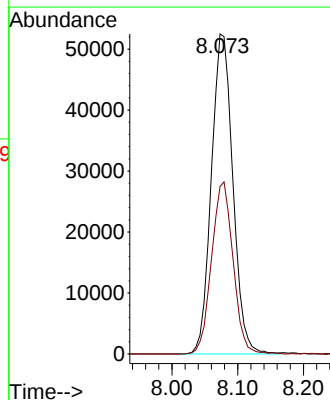
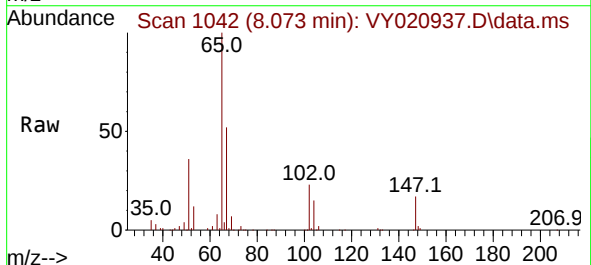
Instrument :
MSVOA_Y
ClientSampleId :

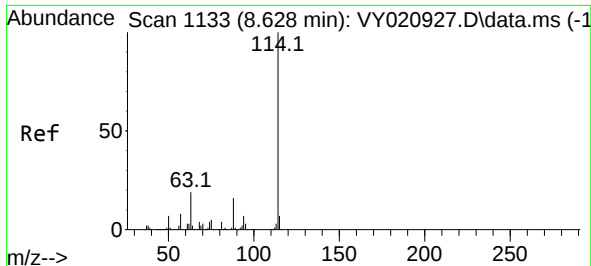
Tgt Ion: 56 Resp: 3845
Ion Ratio Lower Upper
56 100
69 212.6 28.7 43.1#
84 156.2 77.4 116.0#



#33
1,2-Dichloroethane-d4
Concen: 63.121 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

Tgt Ion: 65 Resp: 119396
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8

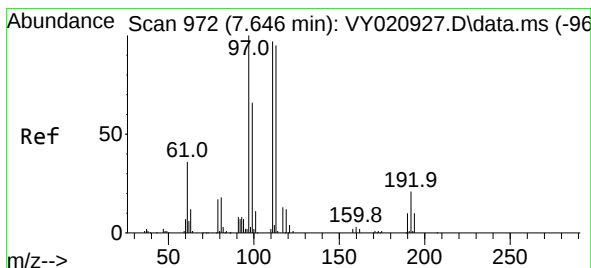
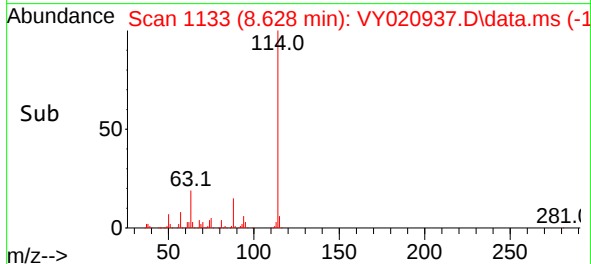
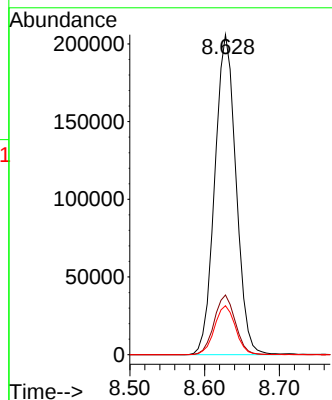
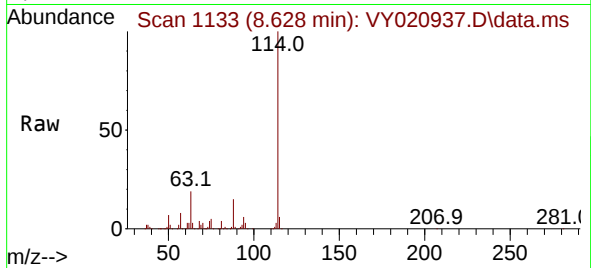




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

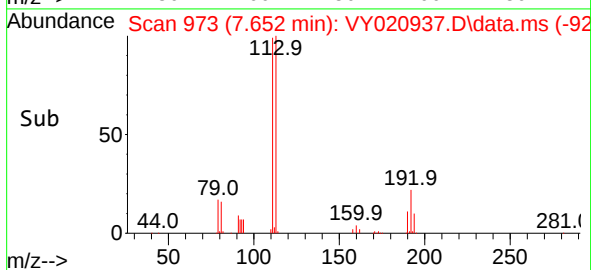
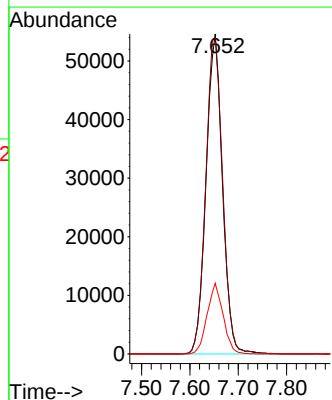
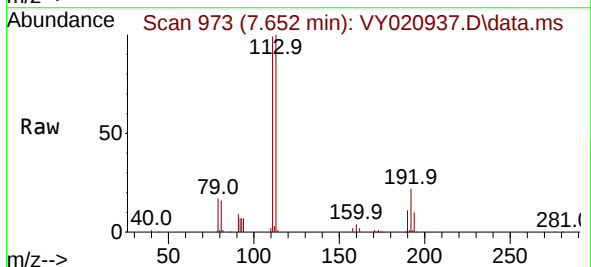
Instrument :
MSVOA_Y
ClientSampleId :

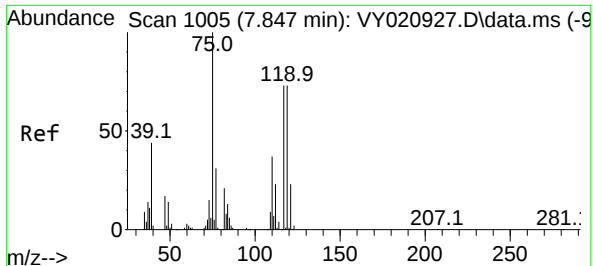
Tgt Ion:114 Resp: 406523
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 15.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 55.150 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.006 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

Tgt Ion:113 Resp: 128709
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 21.6 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.128 min

Lab File: VY020937.D

Acq: 27 Jan 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

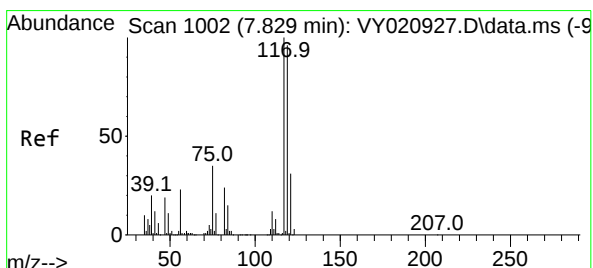
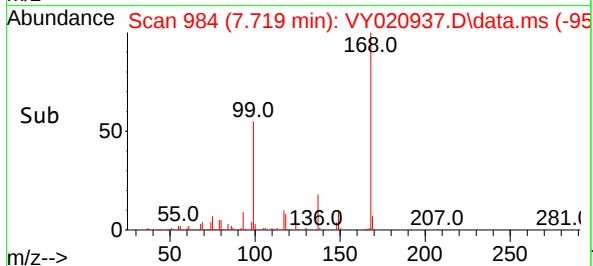
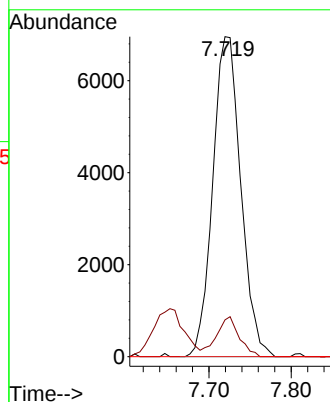
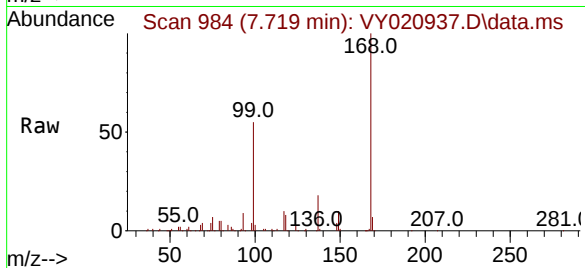
Tgt Ion: 75 Resp: 16447

Ion Ratio Lower Upper

75 100

110 10.2 18.5 55.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.962 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.109 min

Lab File: VY020937.D

Acq: 27 Jan 2025 09:51

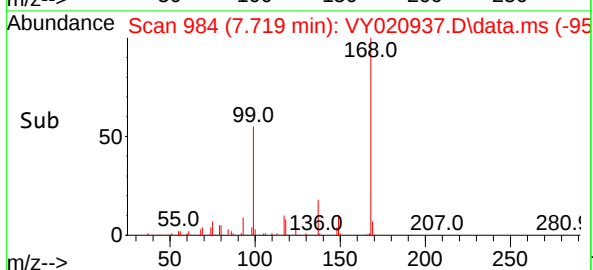
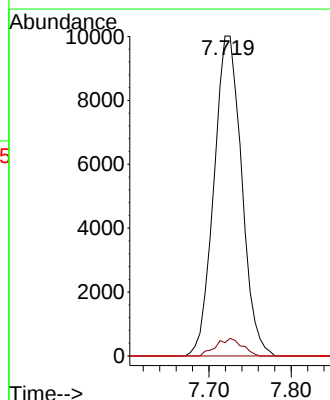
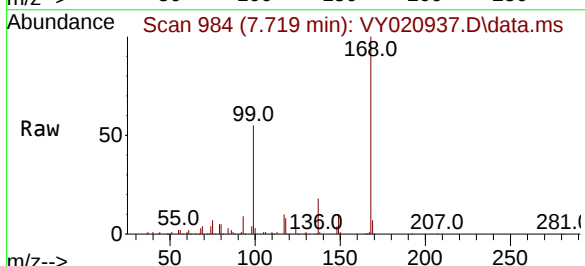
Tgt Ion: 117 Resp: 23427

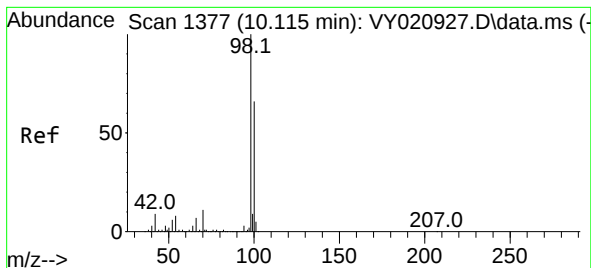
Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

121 0.0 25.0 37.4#

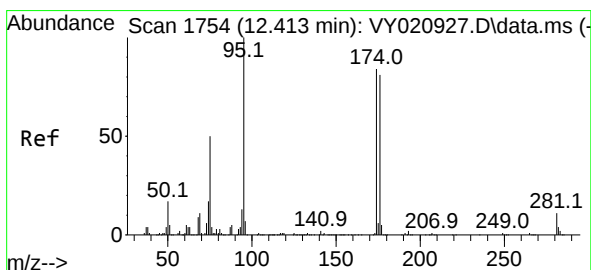
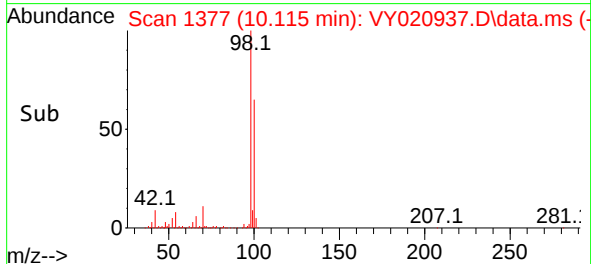
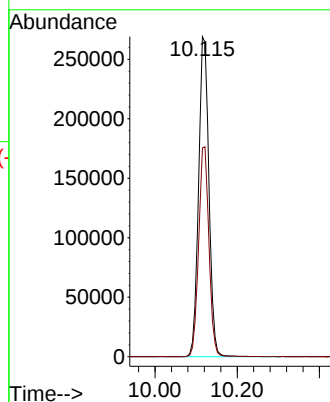
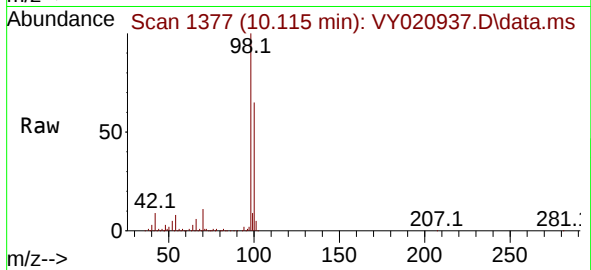




#50
Toluene-d8
Concen: 51.680 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

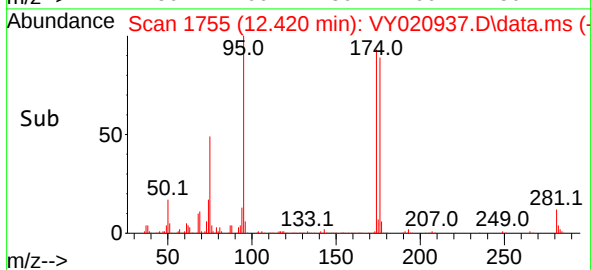
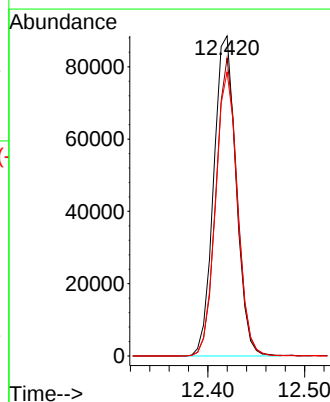
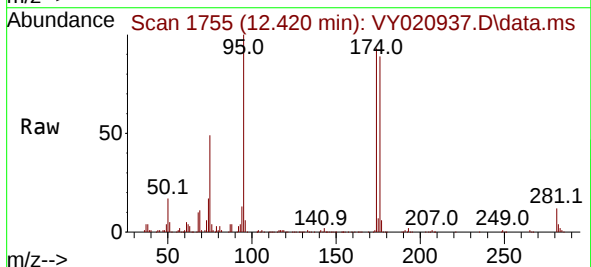
Instrument :
MSVOA_Y
ClientSampleId :

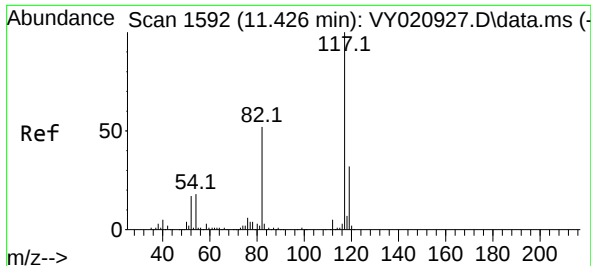
Tgt Ion: 98 Resp: 467826
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.215 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

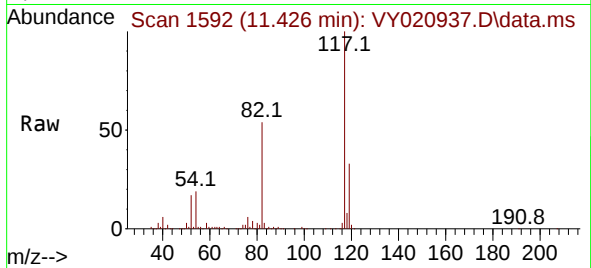
Tgt Ion: 95 Resp: 142244
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.4
176 86.8 0.0 172.2



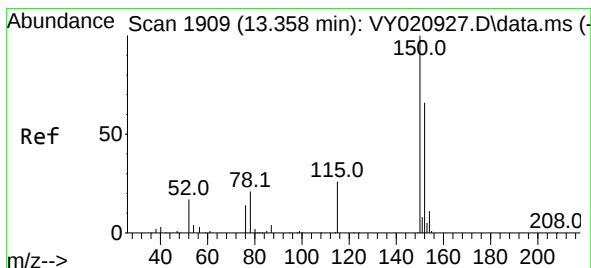
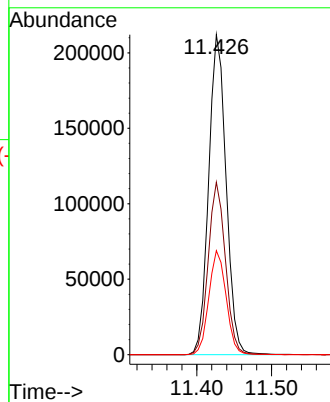
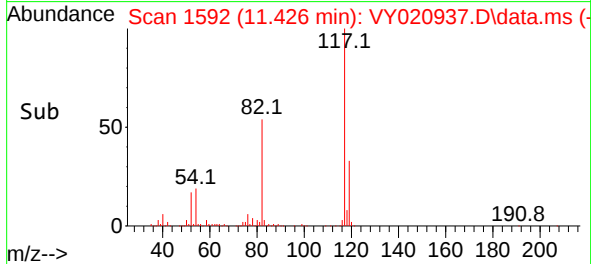


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

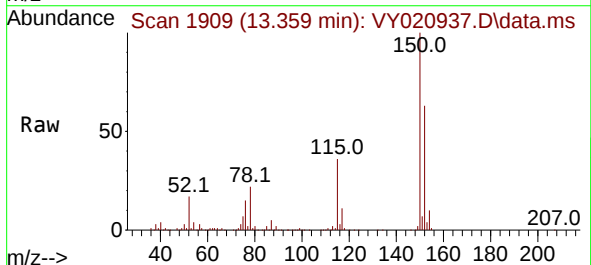
Instrument :
MSVOA_Y
ClientSampleId :



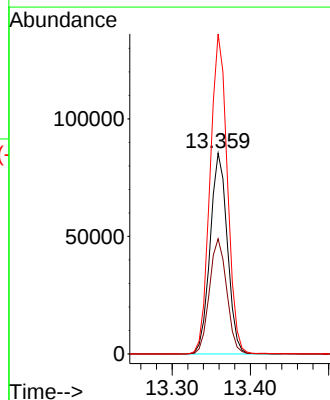
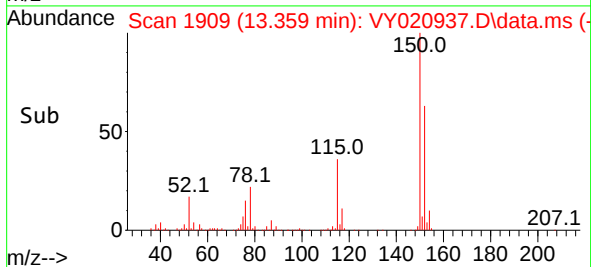
Tgt Ion:117 Resp: 343434
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 32.5 26.0 39.0

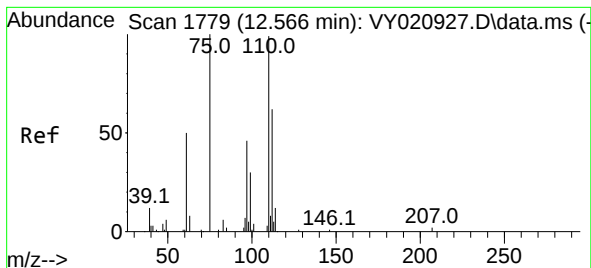


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51



Tgt Ion:152 Resp: 130475
Ion Ratio Lower Upper
152 100
115 57.5 29.0 87.0
150 159.8 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 76.010 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.146 min

Lab File: VY020937.D

Acq: 27 Jan 2025 09:51

Instrument :

MSVOA_Y

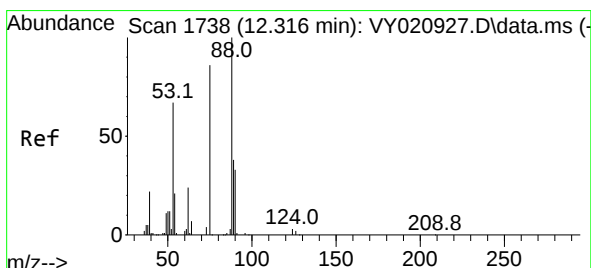
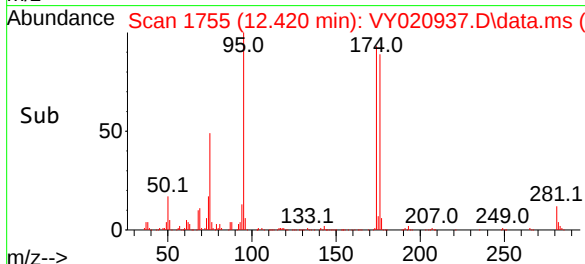
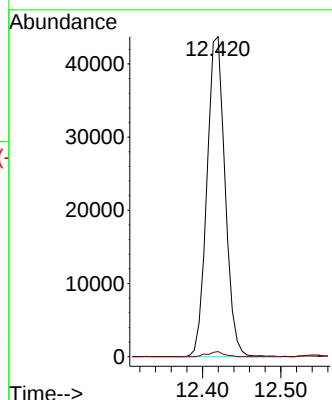
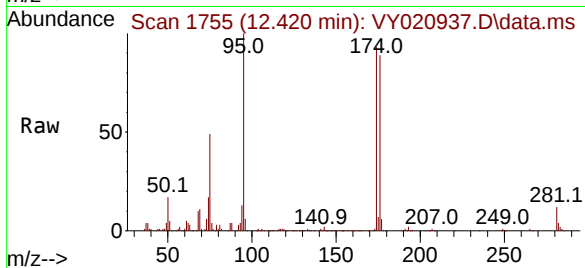
ClientSampleId :

Tgt Ion: 75 Resp: 70120

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.851 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.104 min

Lab File: VY020937.D

Acq: 27 Jan 2025 09:51

Tgt Ion: 75 Resp: 70120

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.2 38.4 57.6#

