

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020965.D
 Acq On : 29 Jan 2025 13:13
 Operator : SY/MD
 Sample : Q1209-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 30 00:35:26 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)

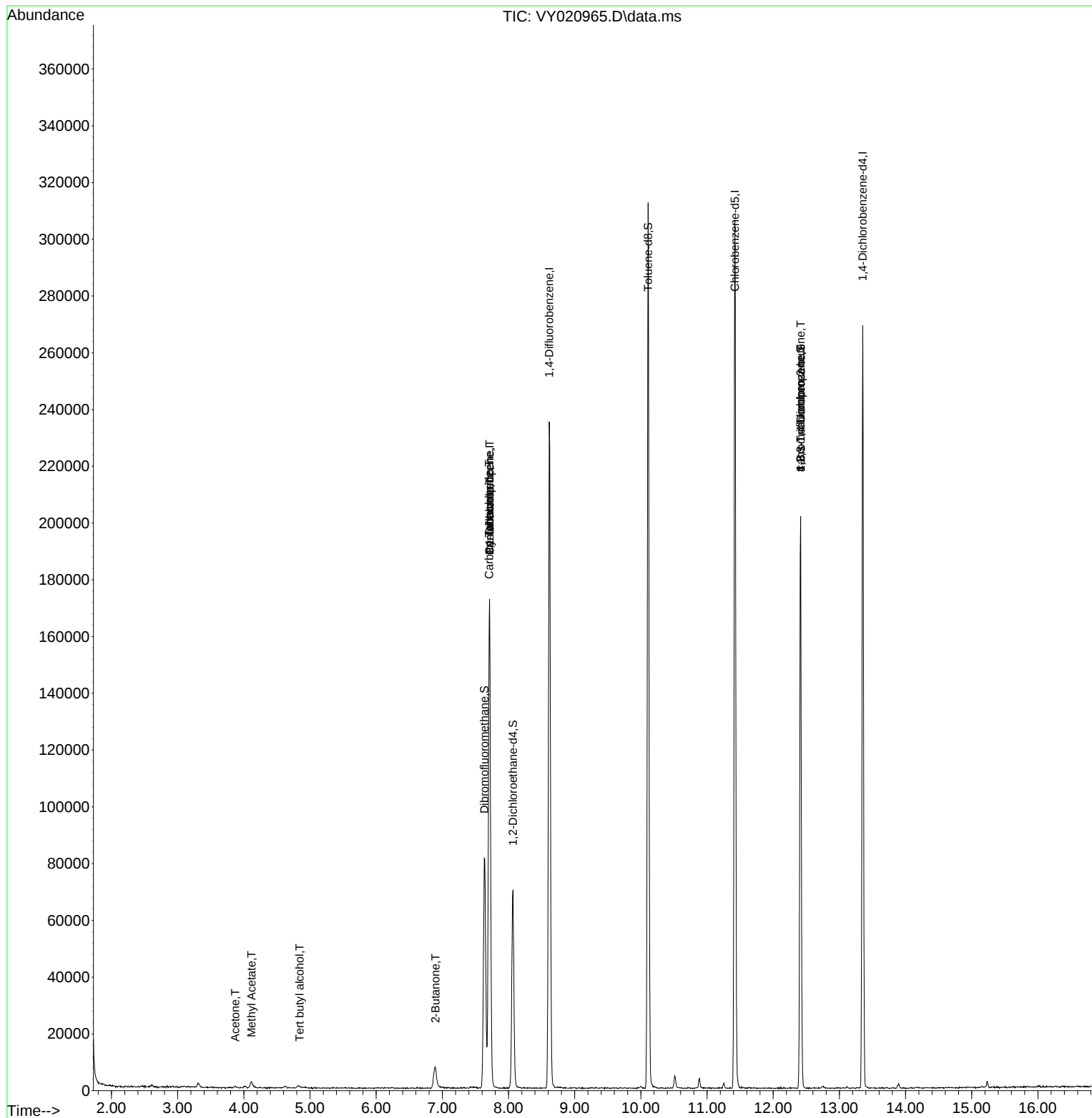
Internal Standards						
1) Pentafluorobenzene	7.713	168	140559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	212489	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	172995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	71974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	55478	49.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.634	113	58116	47.641	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.109	98	207903	43.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.880%
62) 4-Bromofluorobenzene	12.414	95	60825	38.626	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	1137	13.143	ug/l #	74
16) Acetone	3.873	43	1007	6.632	ug/l	93
18) Methyl Acetate	4.116	43	795	1.449	ug/l #	49
25) 2-Butanone	6.896	43	428	1.664	ug/l #	42
31) Cyclohexane	7.713	56	2261	1.133	ug/l #	11
36) 1,1-Dichloropropene	7.713	75	9739	5.718	ug/l #	50
38) Carbon Tetrachloride	7.707	117	13465	6.556	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	30836	60.595	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	30836	117.070	ug/l #	15

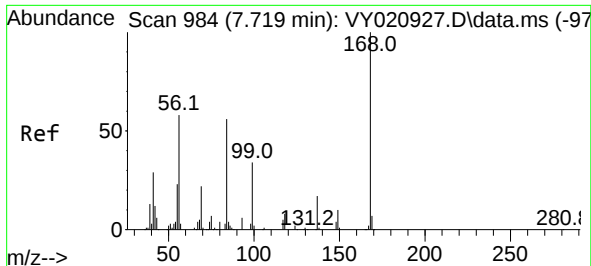
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
Data File : VY020965.D
Acq On : 29 Jan 2025 13:13
Operator : SY/MD
Sample : Q1209-03RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 30 00:35:26 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

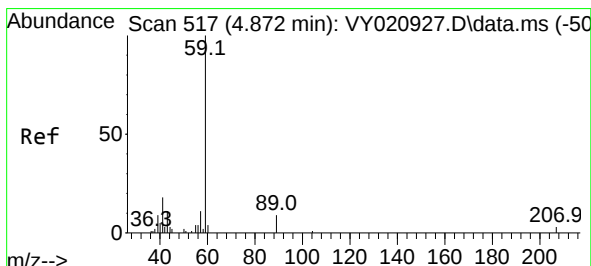
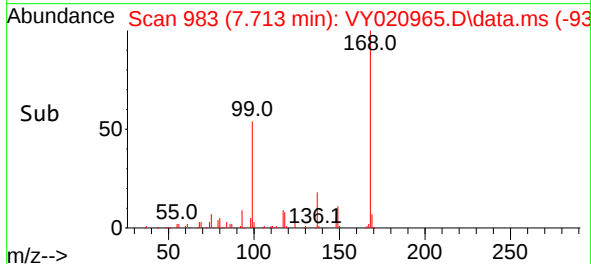
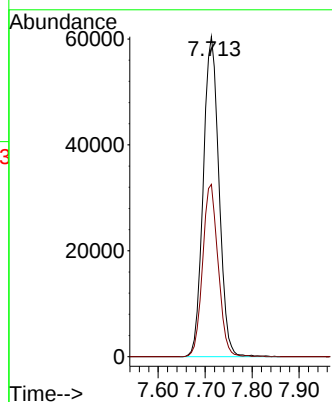
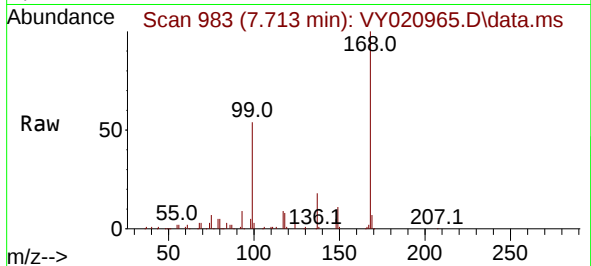




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

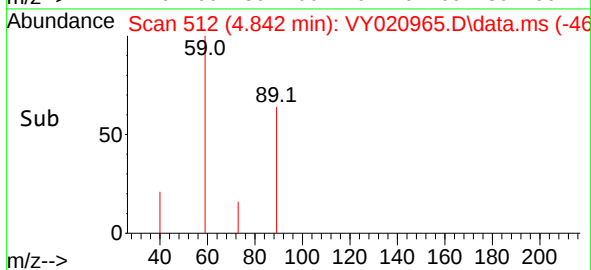
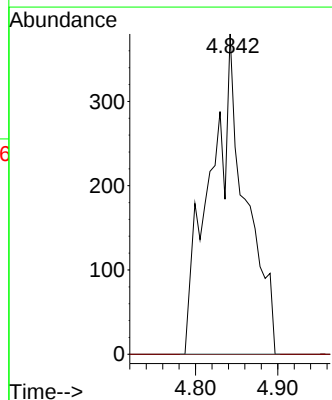
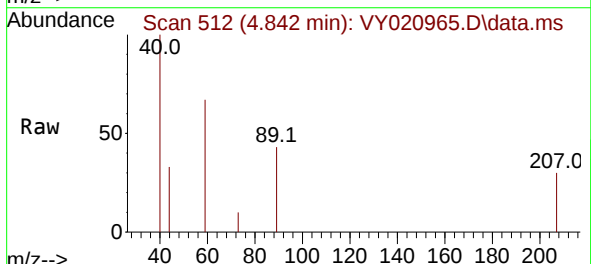
Instrument :
MSVOA_Y
ClientSampleId :

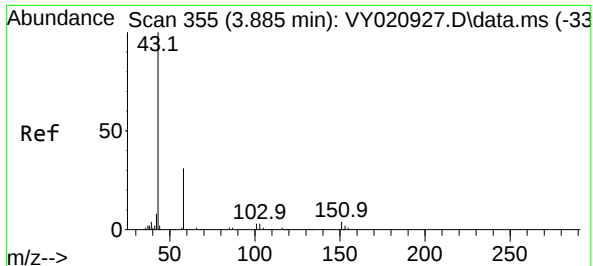
Tgt Ion:168 Resp: 140559
Ion Ratio Lower Upper
168 100
99 53.9 43.0 64.6



#11
Tert butyl alcohol
Concen: 13.143 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

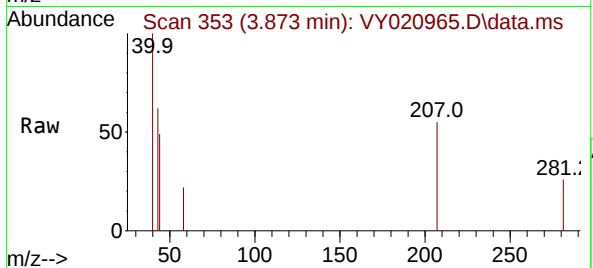
Tgt Ion: 59 Resp: 1137
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



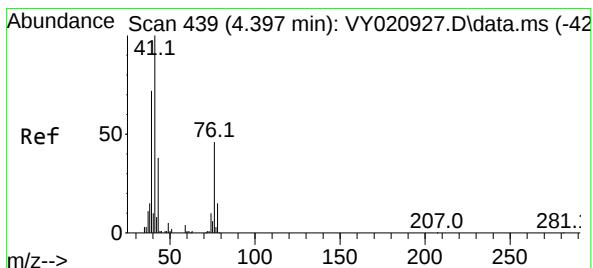
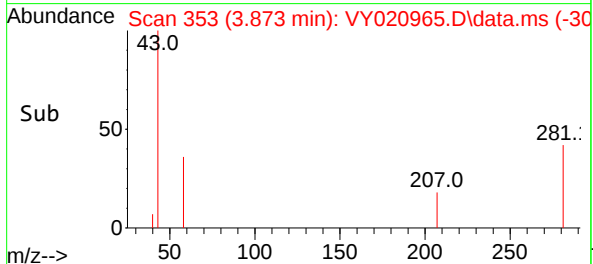
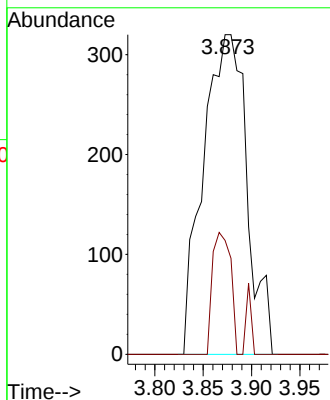


#16
Acetone
Concen: 6.632 ug/l
RT: 3.873 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :

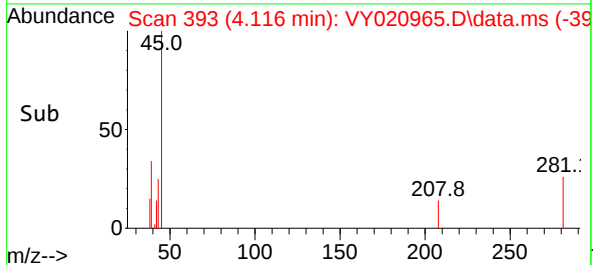
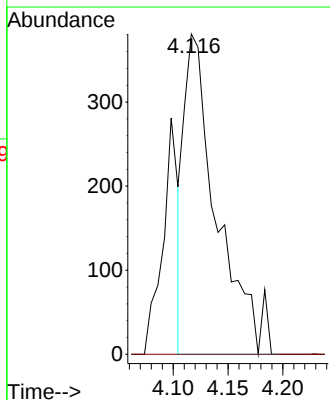
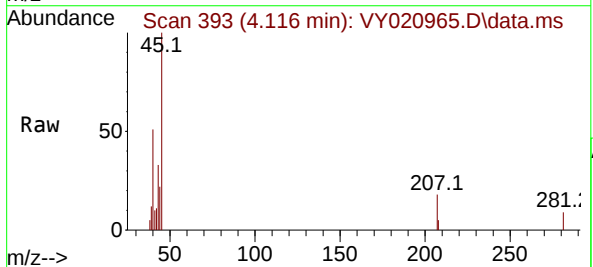


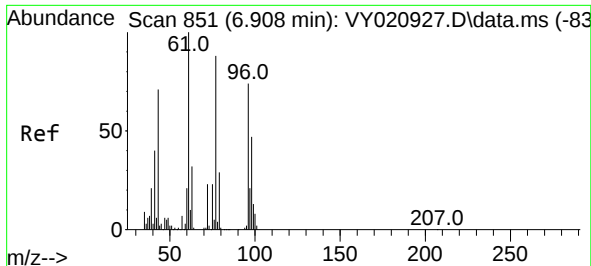
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 35.6 25.6 38.4



#18
Methyl Acetate
Concen: 1.449 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.280 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#

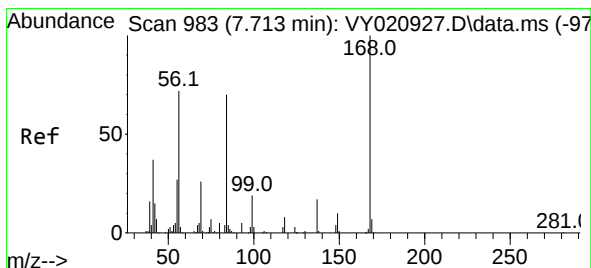
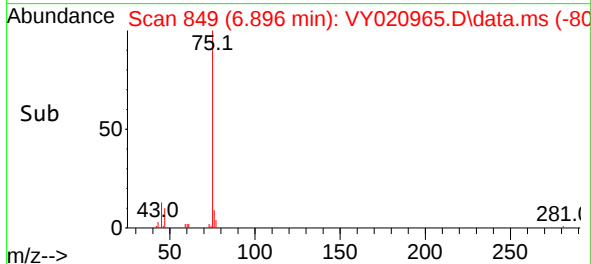
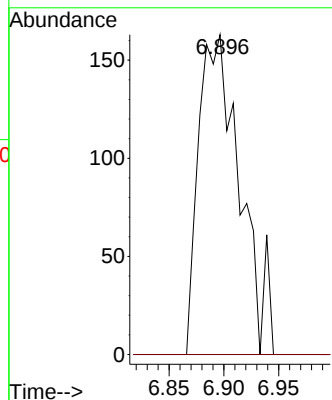
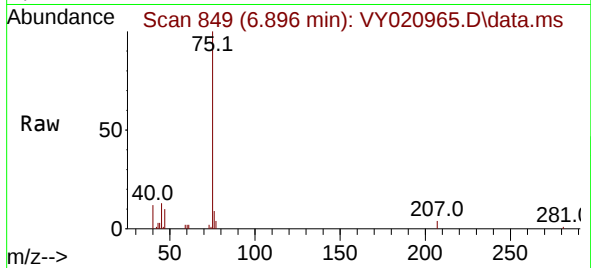




#25
2-Butanone
Concen: 1.664 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

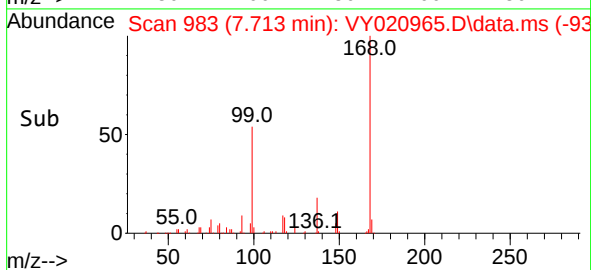
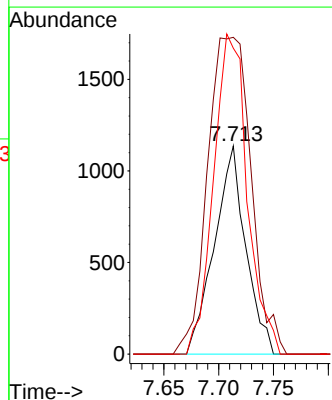
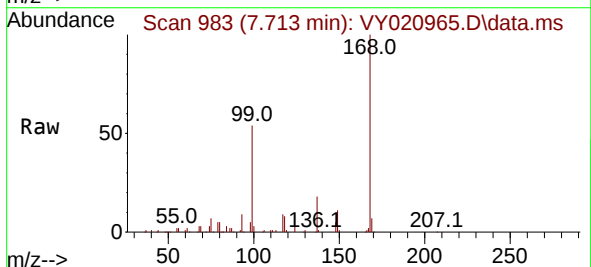
Instrument :
MSVOA_Y
ClientSampleId :

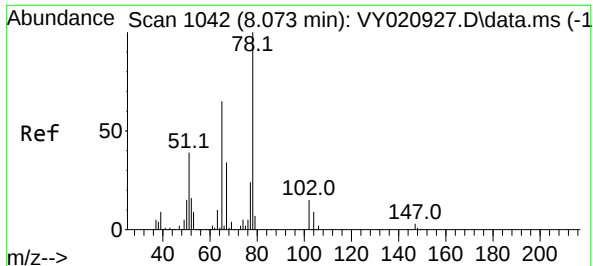
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

Tgt Ion: 56 Resp: 2261
Ion Ratio Lower Upper
56 100
69 147.4 28.7 43.1#
84 147.0 77.4 116.0#





#33

1,2-Dichloroethane-d4

Concen: 49.504 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020965.D

Acq: 29 Jan 2025 13:13

Instrument :

MSVOA_Y

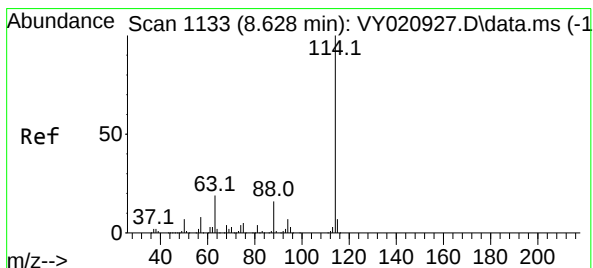
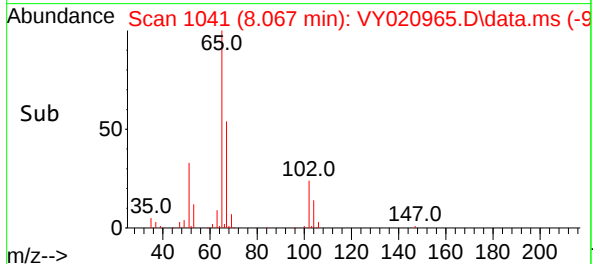
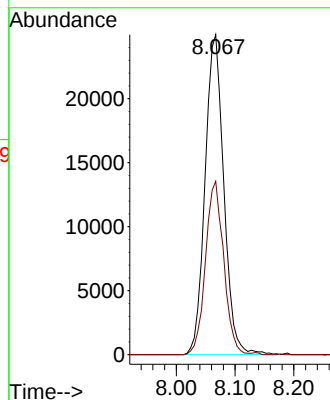
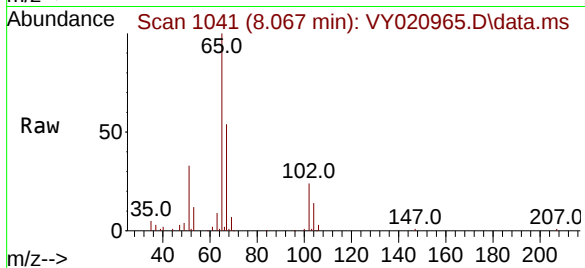
ClientSampleId :

Tgt Ion: 65 Resp: 55478

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020965.D

Acq: 29 Jan 2025 13:13

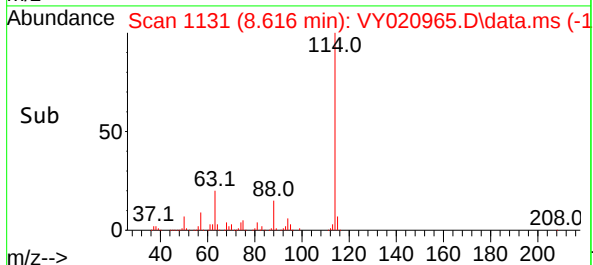
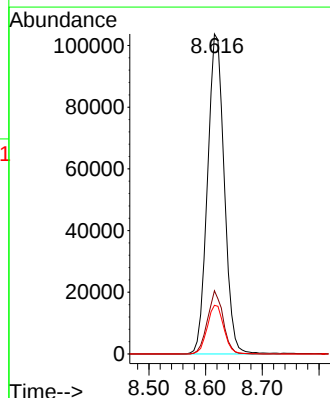
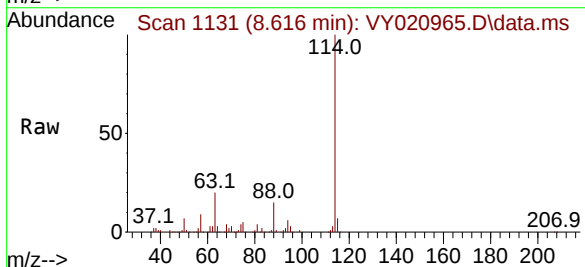
Tgt Ion: 114 Resp: 212489

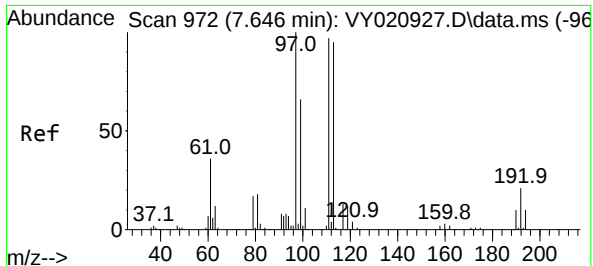
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

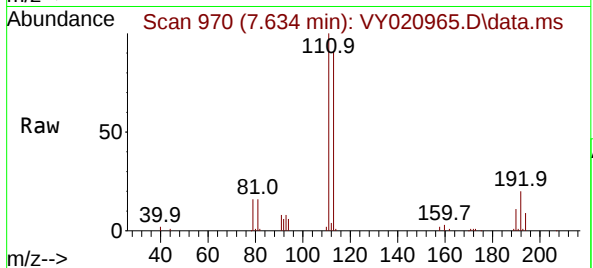
88 15.2 0.0 31.6



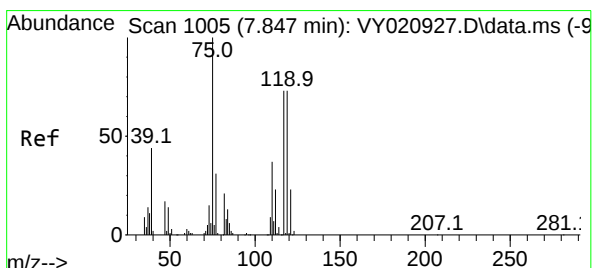
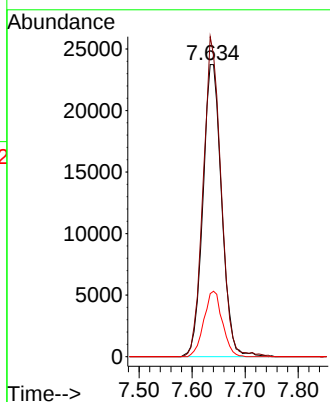
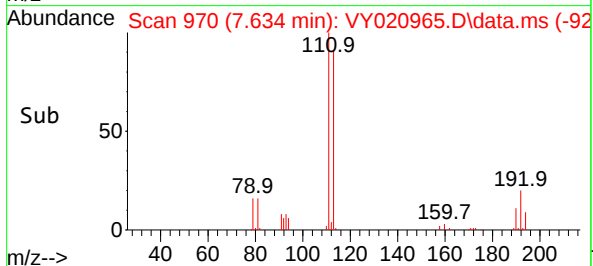


#35
 Dibromofluoromethane
 Concen: 47.641 ug/l
 RT: 7.634 min Scan# 911
 Delta R.T. -0.012 min
 Lab File: VY020965.D
 Acq: 29 Jan 2025 13:13

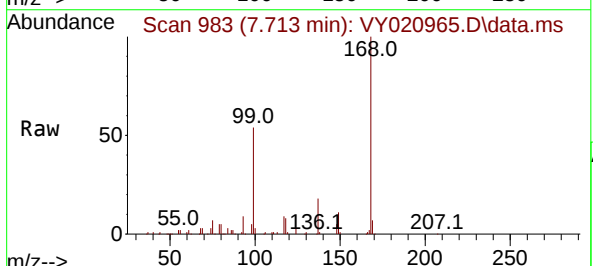
Instrument :
 MSVOA_Y
 ClientSampleId :



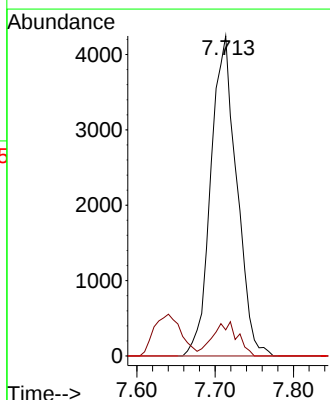
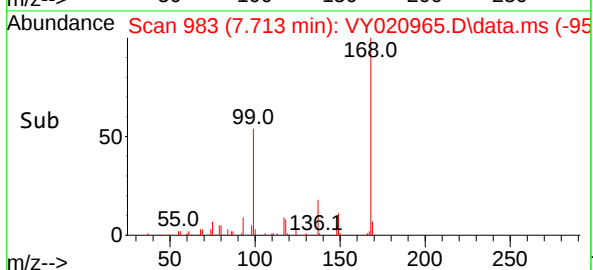
Tgt Ion:113 Resp: 58116
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.3 123.5
 192 22.1 17.4 26.2

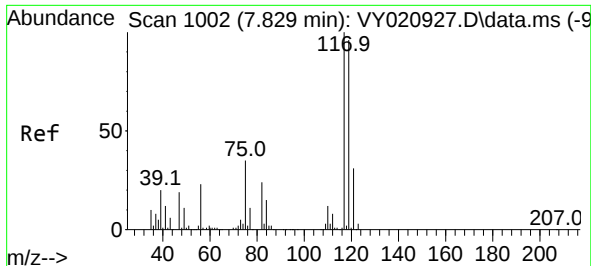


#36
 1,1-Dichloropropene
 Concen: 5.718 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.134 min
 Lab File: VY020965.D
 Acq: 29 Jan 2025 13:13



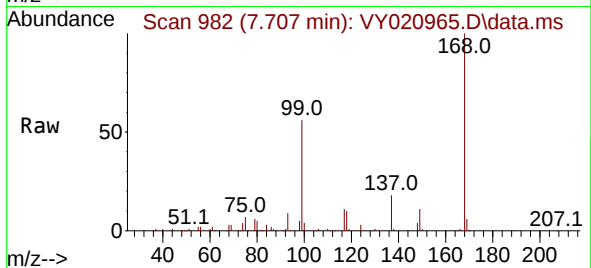
Tgt Ion: 75 Resp: 9739
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.5 55.5#
 77 0.0 25.0 37.4#



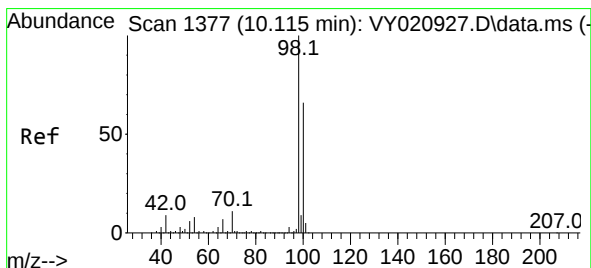
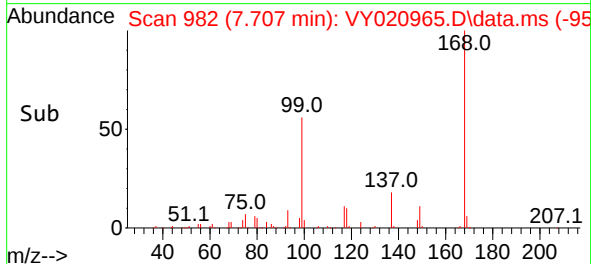
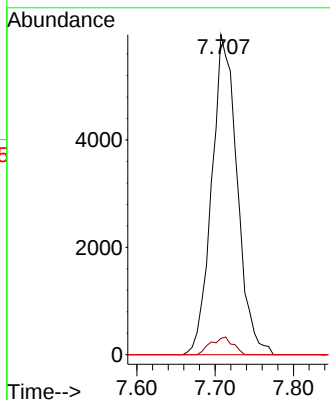


#38
Carbon Tetrachloride
Concen: 6.556 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :

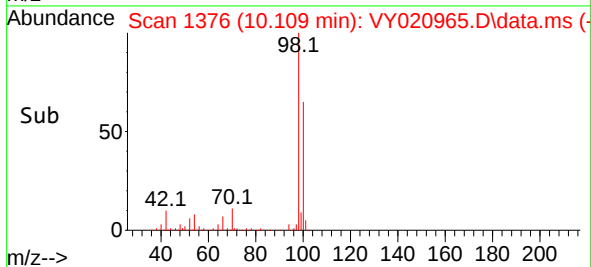
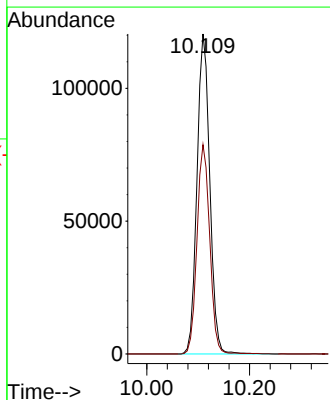
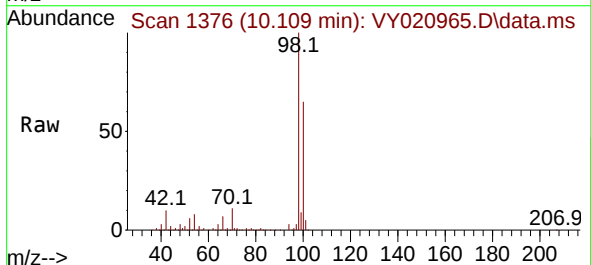


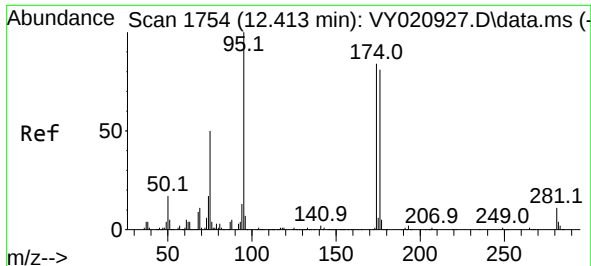
Tgt Ion:117 Resp: 13465
Ion Ratio Lower Upper
117 100
119 5.1 76.5 114.7#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 43.939 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020965.D
Acq: 29 Jan 2025 13:13

Tgt Ion: 98 Resp: 207903
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 38.626 ug/l

RT: 12.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020965.D

Acq: 29 Jan 2025 13:13

Instrument :

MSVOA_Y

ClientSampleId :

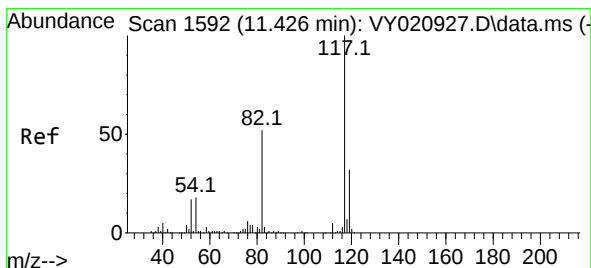
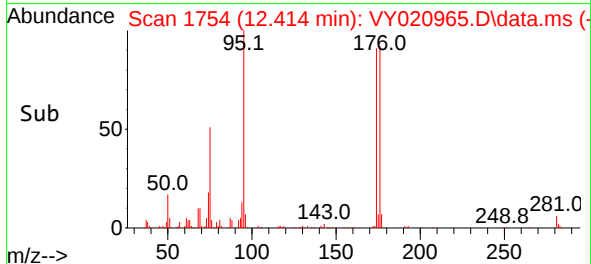
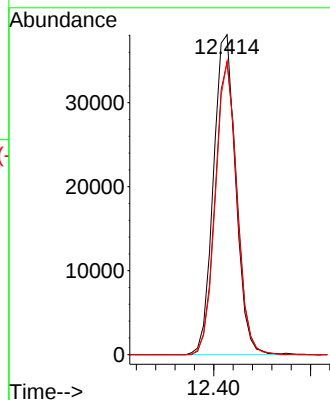
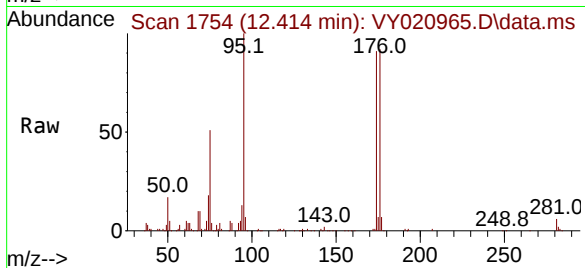
Tgt Ion: 95 Resp: 60825

Ion Ratio Lower Upper

95 100

174 90.1 0.0 177.4

176 88.2 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020965.D

Acq: 29 Jan 2025 13:13

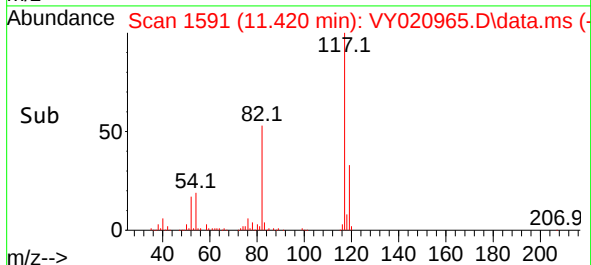
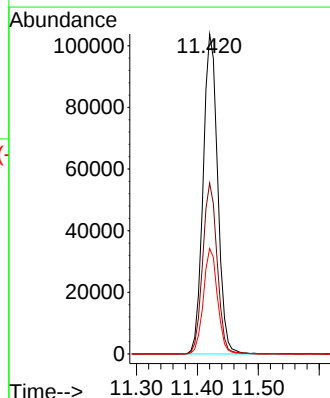
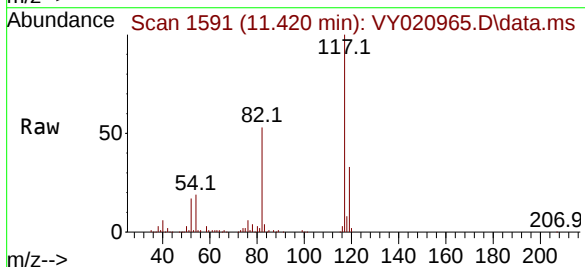
Tgt Ion: 117 Resp: 172995

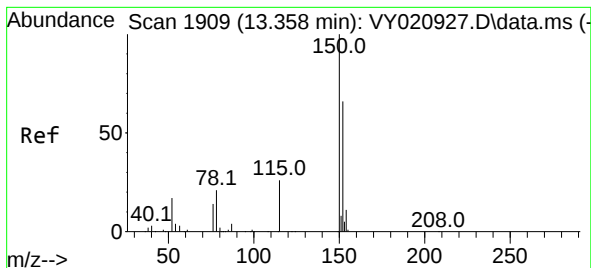
Ion Ratio Lower Upper

117 100

82 53.4 41.8 62.8

119 33.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1909

Delta R.T. -0.006 min

Lab File: VY020965.D

Acq: 29 Jan 2025 13:13

Instrument :

MSVOA_Y

ClientSampleId :

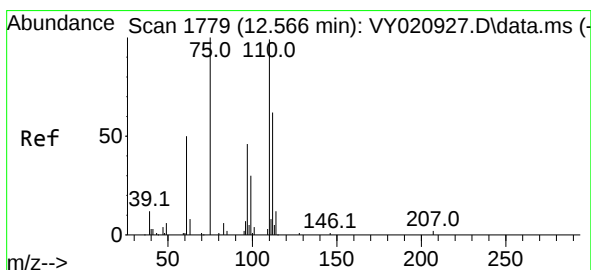
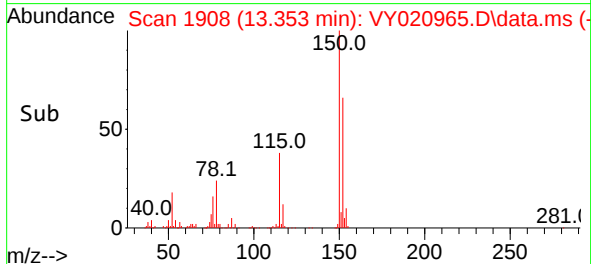
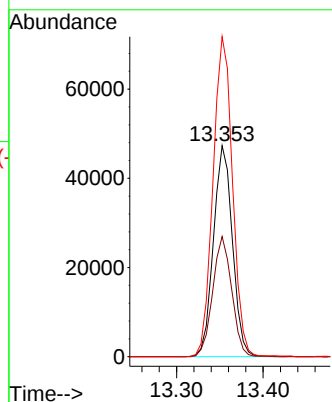
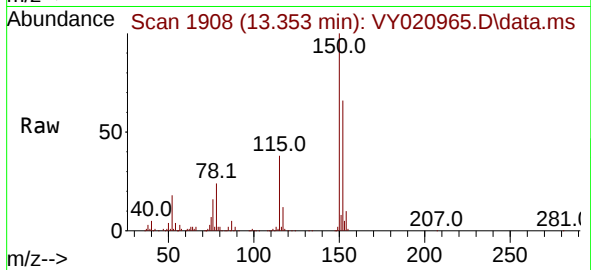
Tgt Ion:152 Resp: 71974

Ion Ratio Lower Upper

152 100

115 57.0 29.0 87.0

150 155.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 60.595 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.152 min

Lab File: VY020965.D

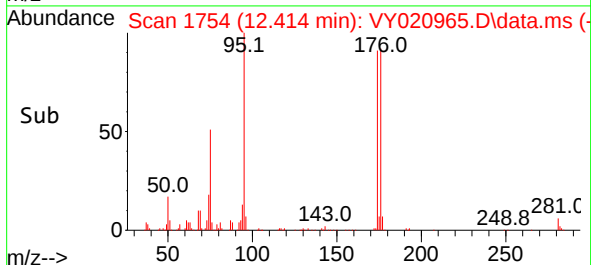
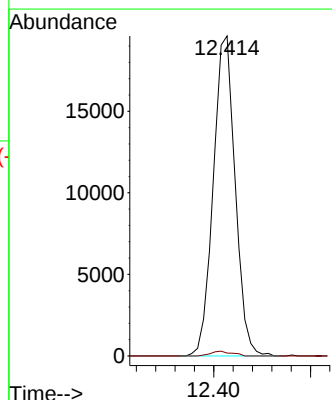
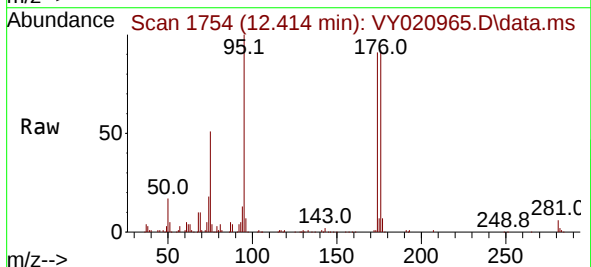
Acq: 29 Jan 2025 13:13

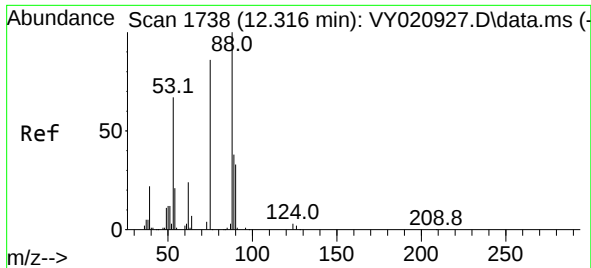
Tgt Ion: 75 Resp: 30836

Ion Ratio Lower Upper

75 100

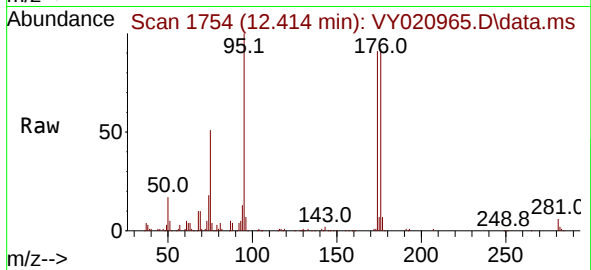
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.070 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020965.D
 Acq: 29 Jan 2025 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	30836
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.7	101.5#
89	0.0	38.4	57.6#

