

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021855.D
 Acq On : 11 Apr 2025 13:33
 Operator : SY/MD
 Sample : Q1761-01
 Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GST3

Quant Time: Apr 12 02:48:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

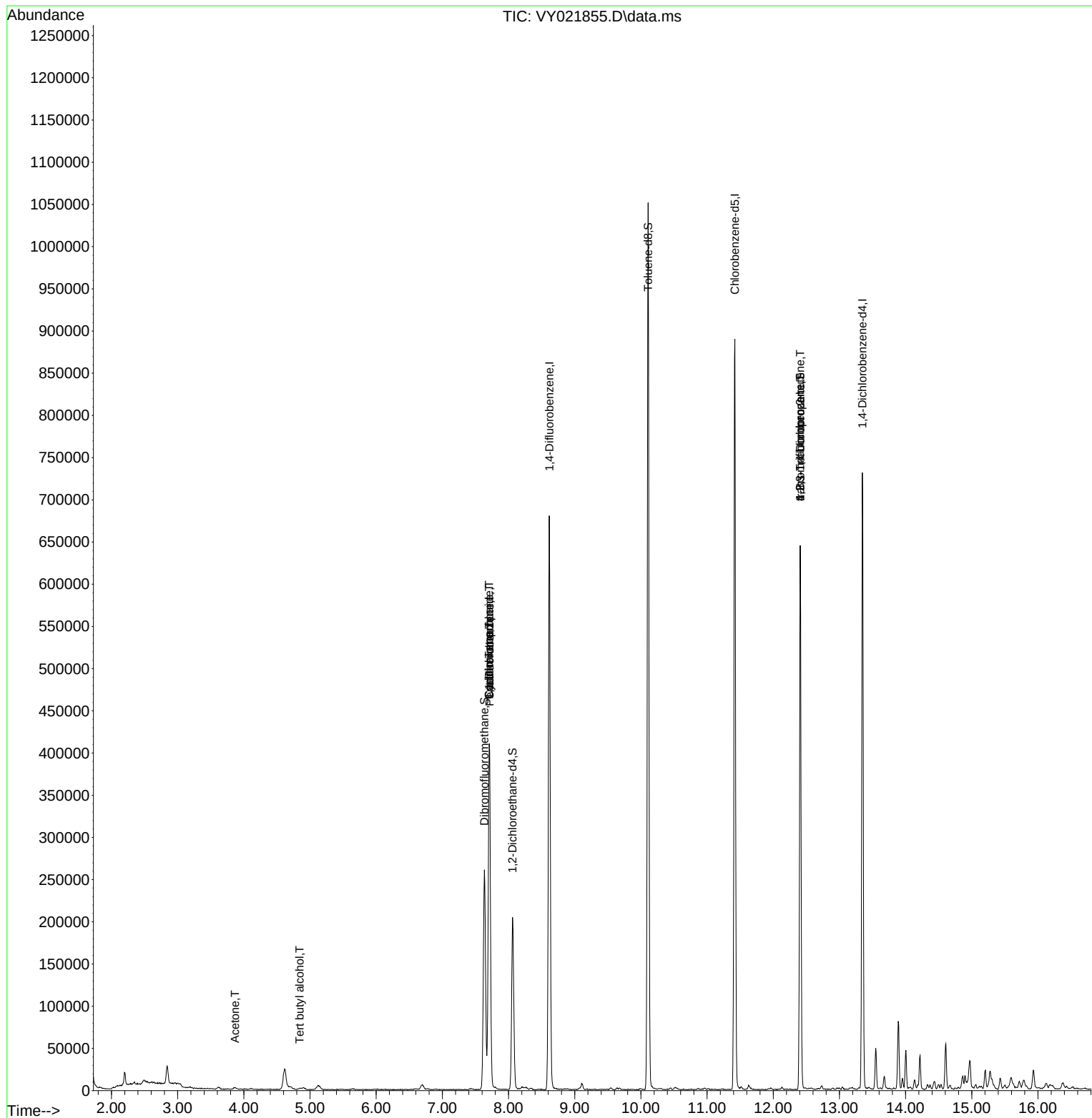
Internal Standards						
1) Pentafluorobenzene	7.713	168	317324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	560087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	469329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160307	46.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.634	113	180049	49.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.109	98	662731	47.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.408	95	189531	40.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	1392	6.233	ug/l #	87
16) Acetone	3.866	43	3260	4.633	ug/l #	77
31) Cyclohexane	7.707	56	8668	1.428	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	25256	4.564	ug/l #	51
38) Carbon Tetrachloride	7.707	117	32004	5.049	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	99691	55.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	99691	128.697	ug/l #	12

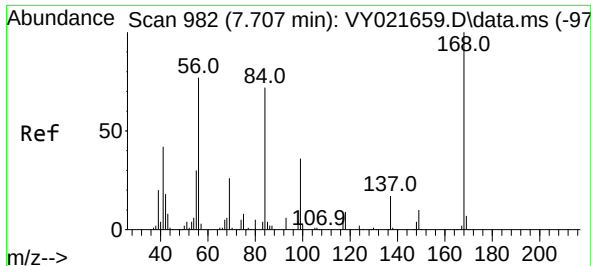
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Time: Apr 12 02:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

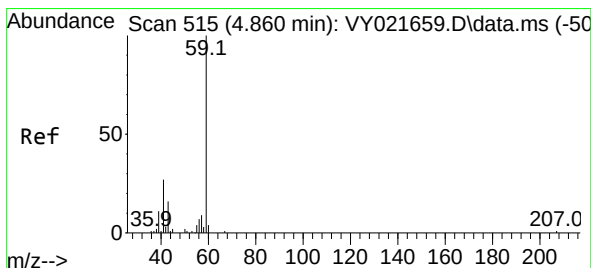
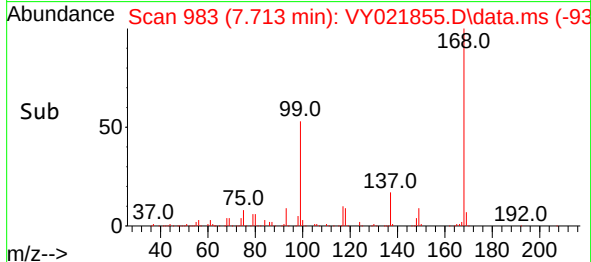
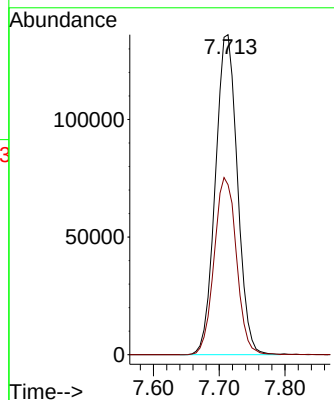
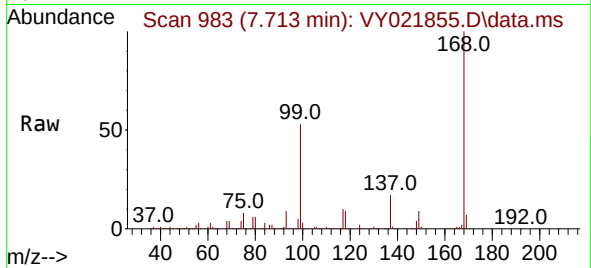




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

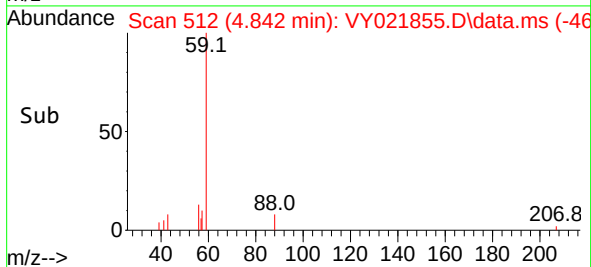
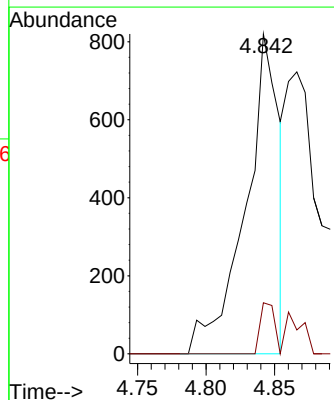
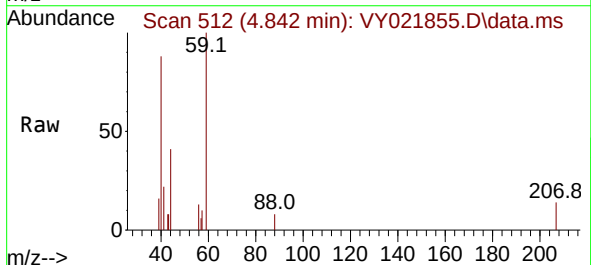
Instrument :
MSVOA_Y
ClientSampleId :
GST3

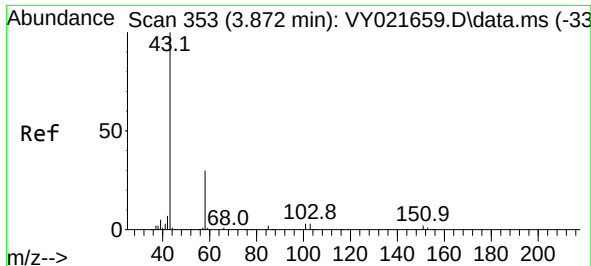
Tgt Ion:168 Resp: 317324
Ion Ratio Lower Upper
168 100
99 53.1 46.7 70.1



#11
Tert butyl alcohol
Concen: 6.233 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Tgt Ion: 59 Resp: 1392
Ion Ratio Lower Upper
59 100
57 6.7 9.2 13.8#





#16

Acetone

Concen: 4.633 ug/l

RT: 3.866 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

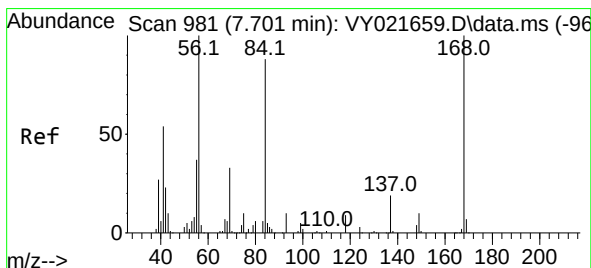
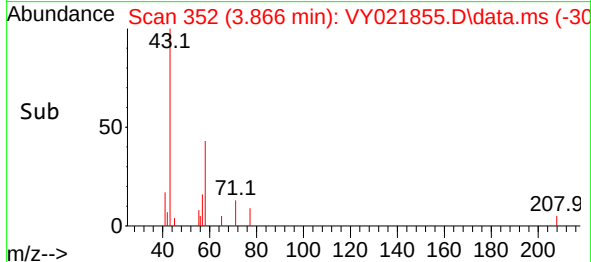
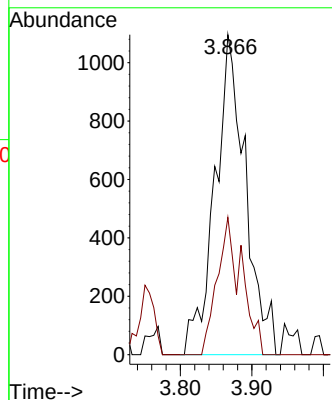
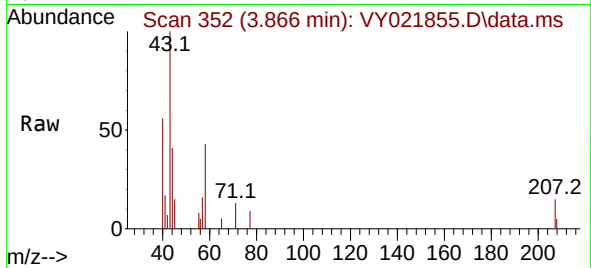
GST3

Tgt Ion: 43 Resp: 3260

Ion Ratio Lower Upper

43 100

58 42.9 24.2 36.4#



#31

Cyclohexane

Concen: 1.428 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

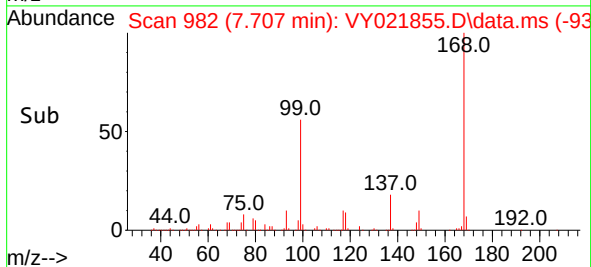
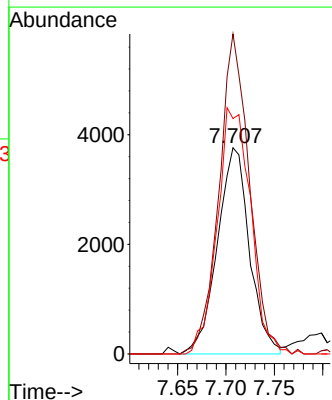
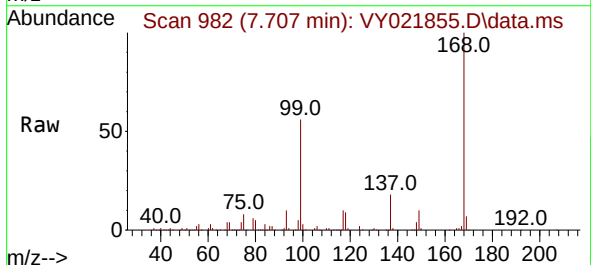
Tgt Ion: 56 Resp: 8668

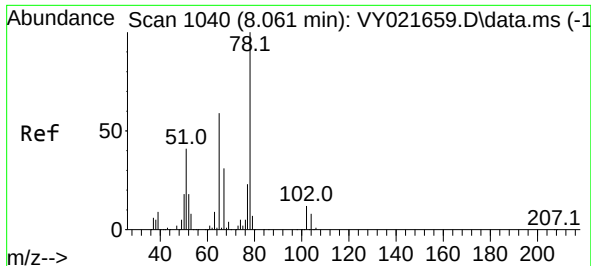
Ion Ratio Lower Upper

56 100

69 155.1 26.6 40.0#

84 114.1 69.0 103.4#

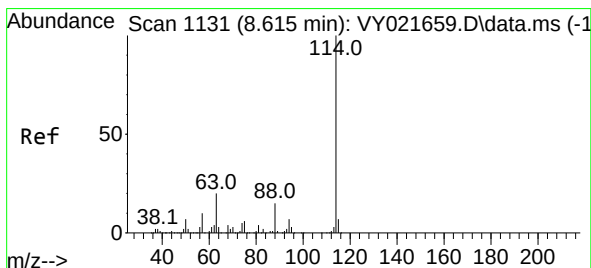
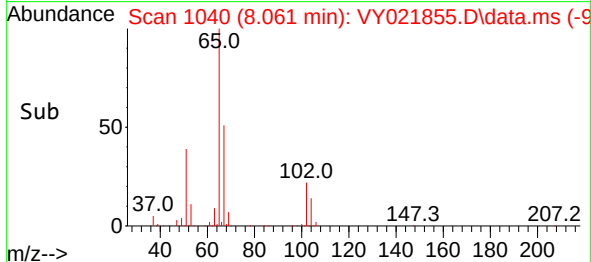
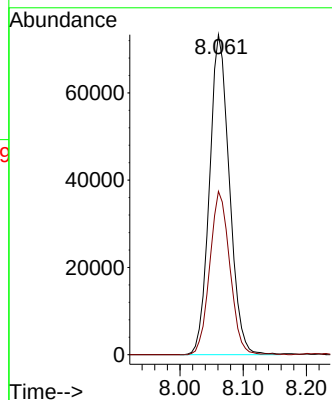
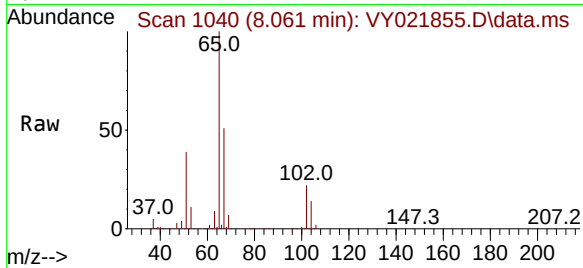




#33
 1,2-Dichloroethane-d4
 Concen: 46.626 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021855.D
 Acq: 11 Apr 2025 13:33

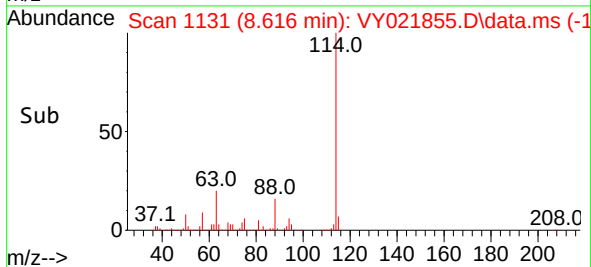
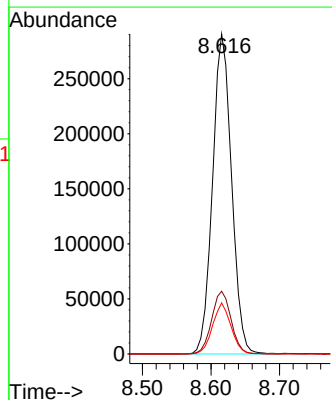
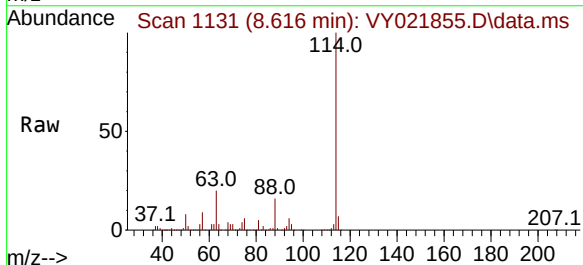
Instrument :
 MSVOA_Y
 ClientSampleId :
 GST3

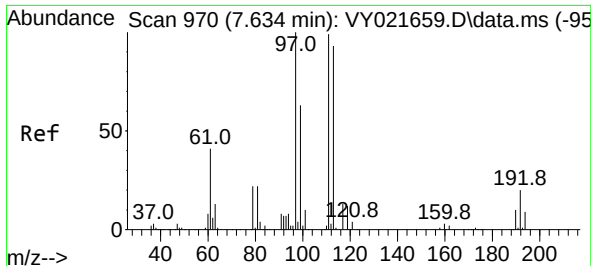
Tgt Ion: 65 Resp: 160307
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021855.D
 Acq: 11 Apr 2025 13:33

Tgt Ion: 114 Resp: 560087
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 16.0 0.0 29.8

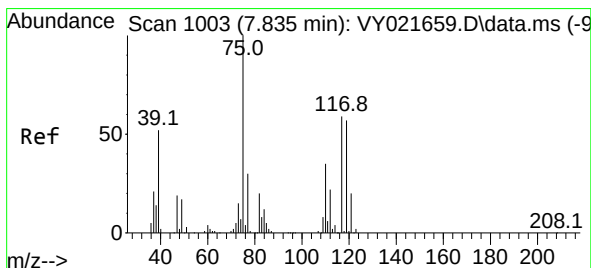
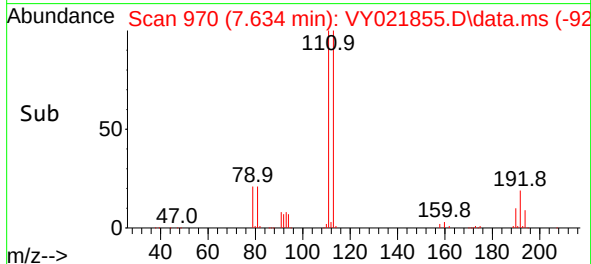
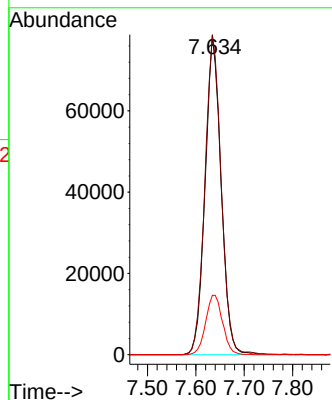
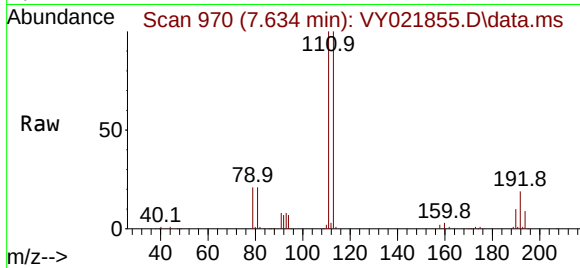




#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

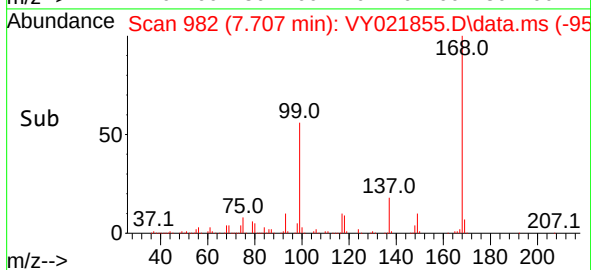
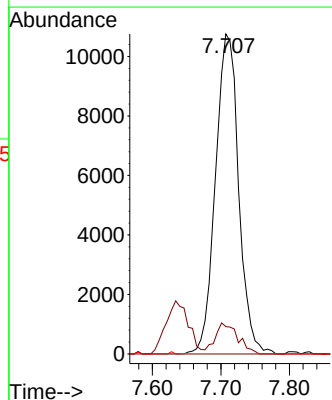
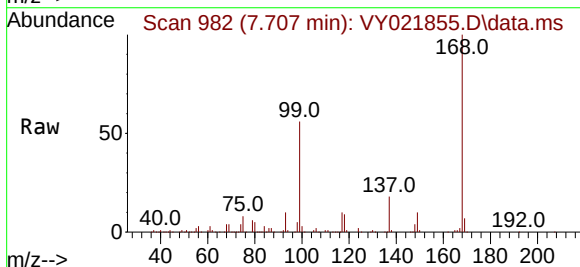
Instrument :
MSVOA_Y
ClientSampleId :
GST3

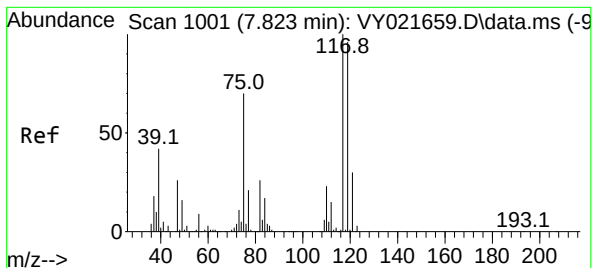
Tgt Ion:113 Resp: 180049
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Tgt Ion: 75 Resp: 25256
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.049 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

GST3

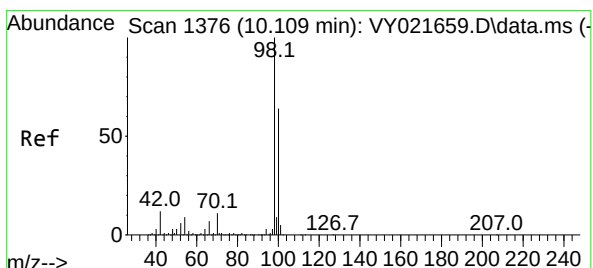
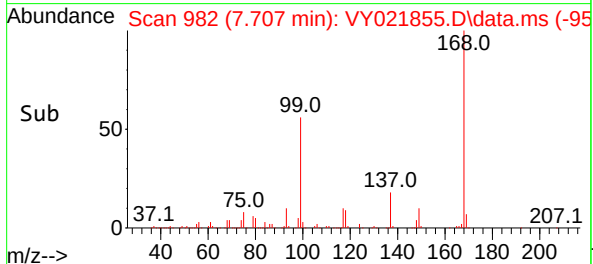
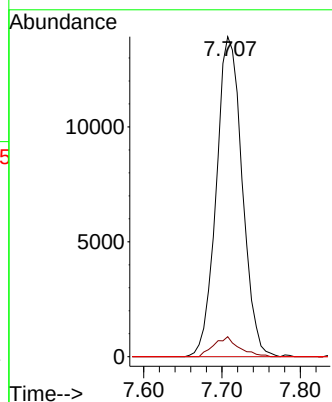
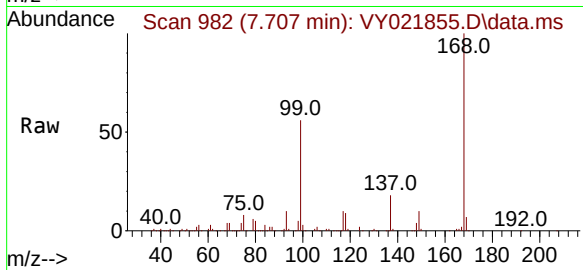
Tgt Ion:117 Resp: 32004

Ion Ratio Lower Upper

117 100

119 6.2 76.2 114.4#

121 0.0 24.2 36.4#



#50

Toluene-d8

Concen: 47.948 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021855.D

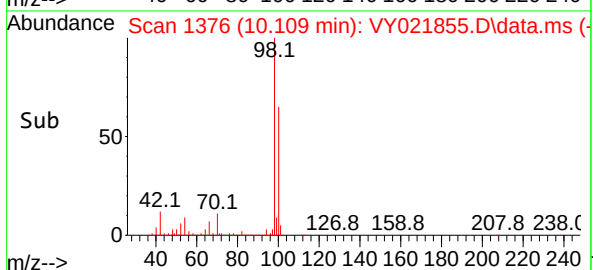
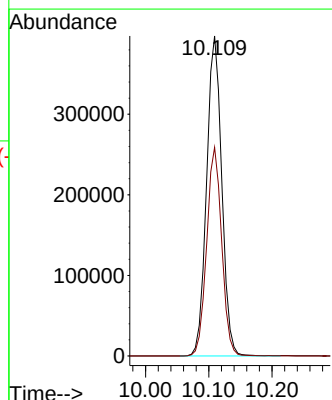
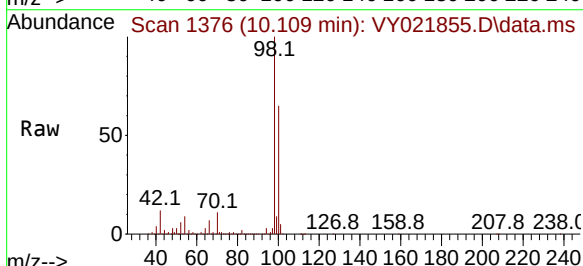
Acq: 11 Apr 2025 13:33

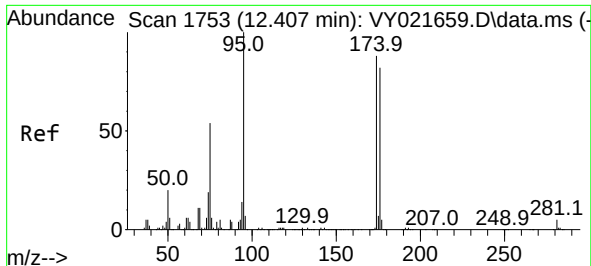
Tgt Ion: 98 Resp: 662731

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 40.540 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

GST3

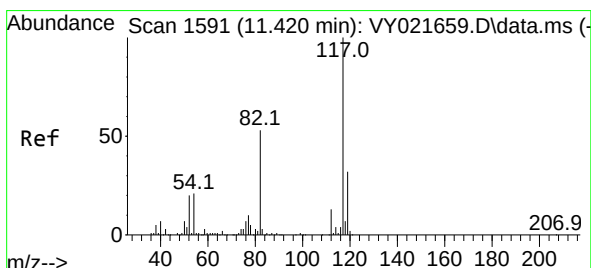
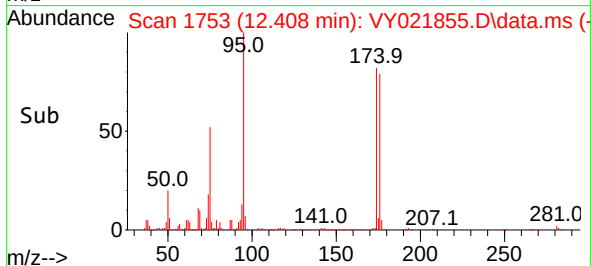
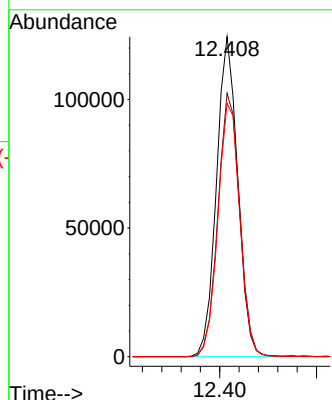
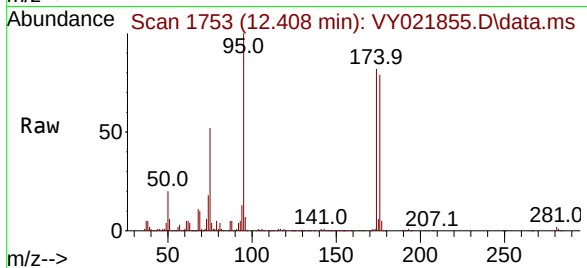
Tgt Ion: 95 Resp: 189531

Ion Ratio Lower Upper

95 100

174 84.6 0.0 170.8

176 81.5 0.0 162.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

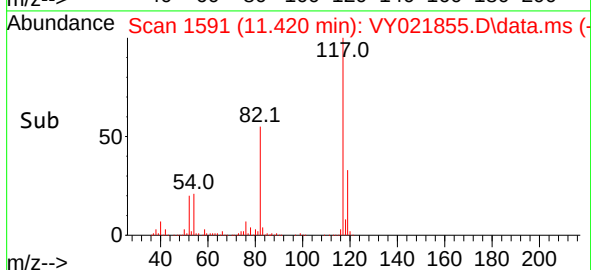
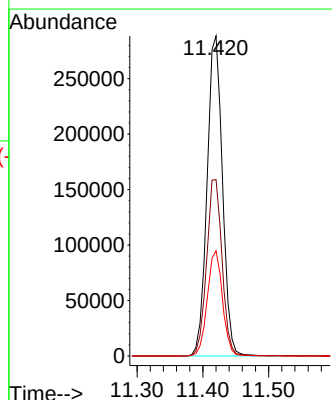
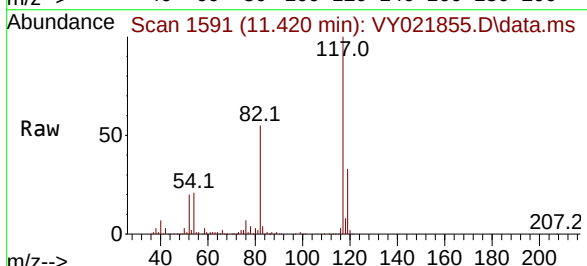
Tgt Ion: 117 Resp: 469329

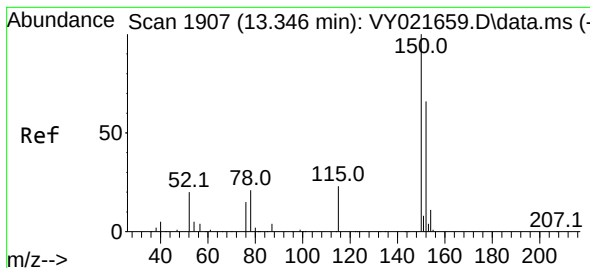
Ion Ratio Lower Upper

117 100

82 55.1 42.8 64.2

119 32.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

GST3

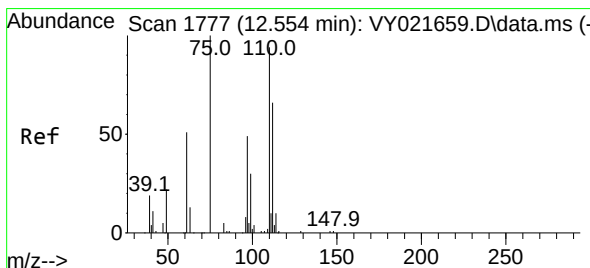
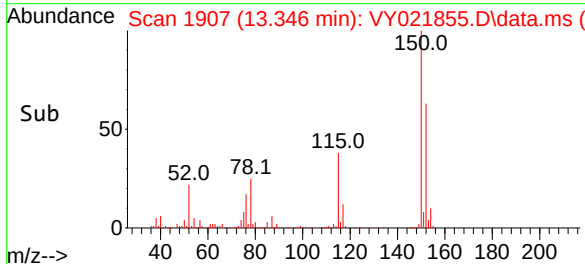
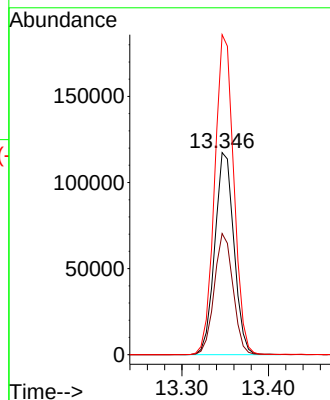
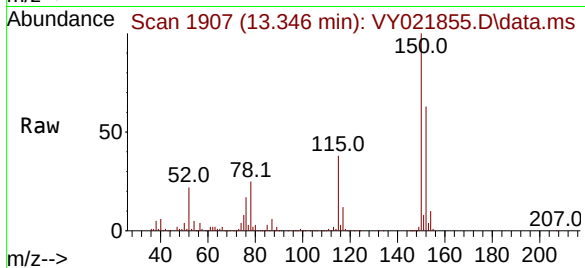
Tgt Ion:152 Resp: 180059

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 158.4 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 55.854 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021855.D

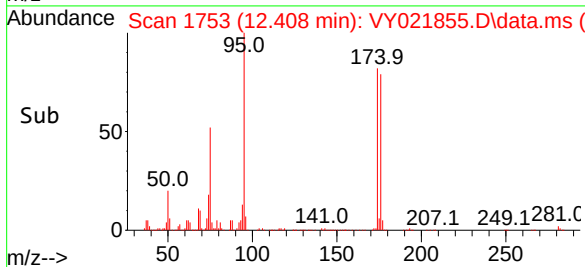
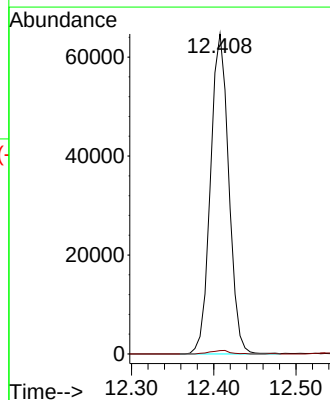
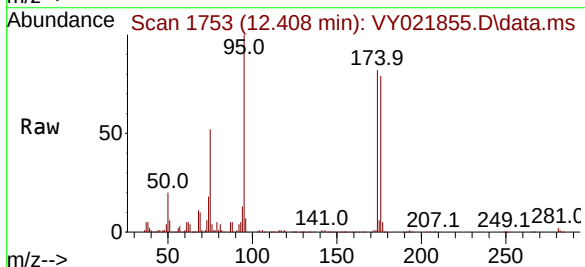
Acq: 11 Apr 2025 13:33

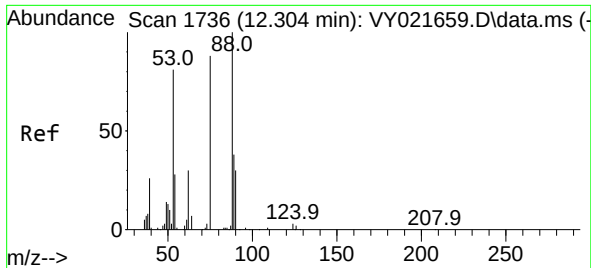
Tgt Ion: 75 Resp: 99691

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.697 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Tgt Ion:	75	Resp:	99691
Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.1	36.2	54.4#

