

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021676.D
 Acq On : 27 Mar 2025 18:55
 Operator : SY/MD
 Sample : Q1648-07
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Mar 28 04:04:54 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	7.707	168	222304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	425280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	154330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139391	57.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.740%
35) Dibromofluoromethane	7.634	113	145147	52.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.220%
50) Toluene-d8	10.109	98	521117	49.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.408	95	160275	45.149	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.300%

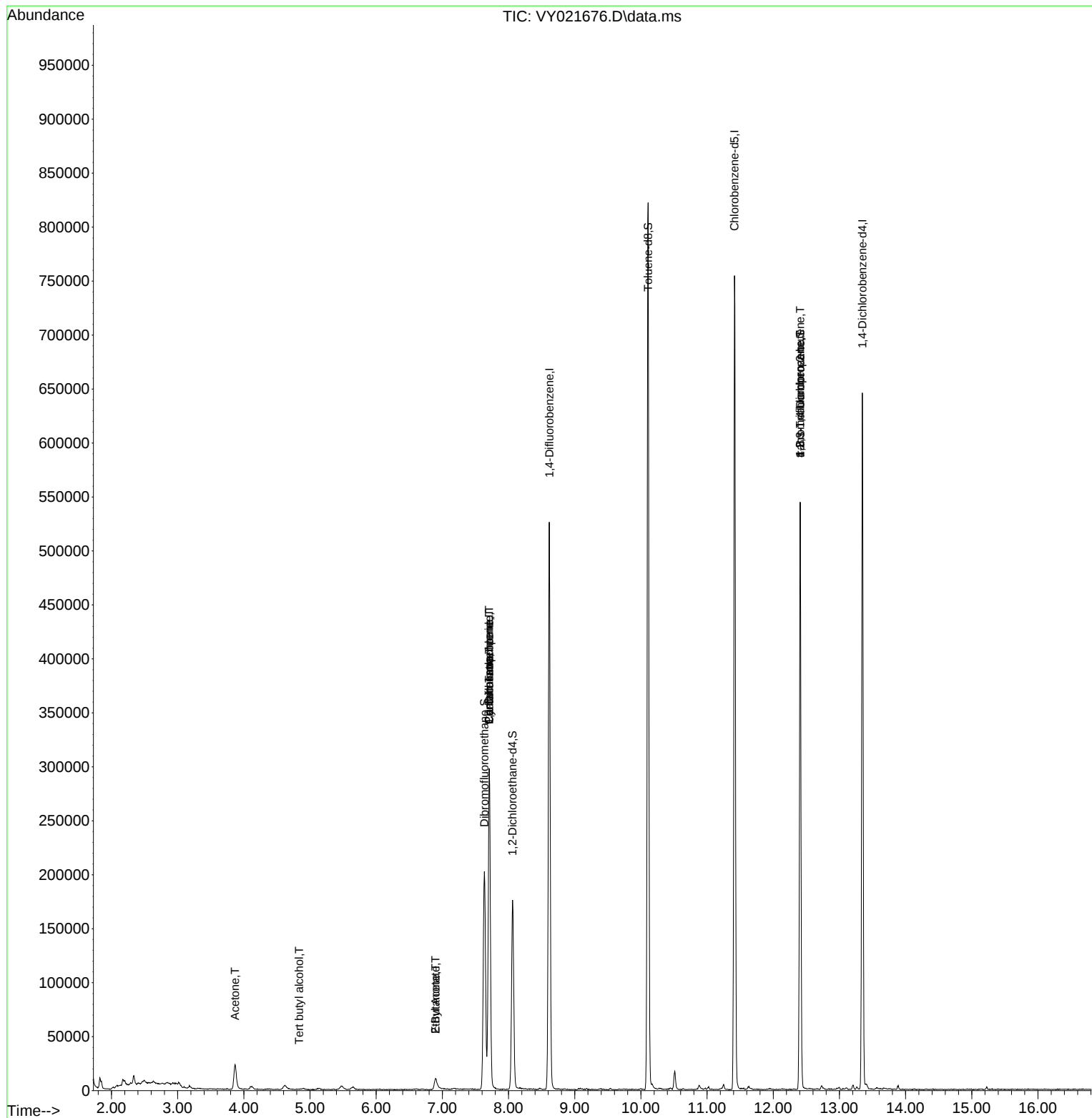
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.836	59	406	2.595	ug/l #	82
16) Acetone	3.867	43	39801	80.741	ug/l	99
20) Methylene Chloride	4.622	84	2603	Below Cal	#	76
25) 2-Butanone	6.896	43	14094	20.018	ug/l	94
31) Cyclohexane	7.707	56	4942	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	19036	4.530	ug/l #	50
37) Ethyl Acetate	6.896	43	14094	7.107	ug/l #	69
38) Carbon Tetrachloride	7.707	117	22776	4.732	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	84440	55.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	84440	127.182	ug/l #	11

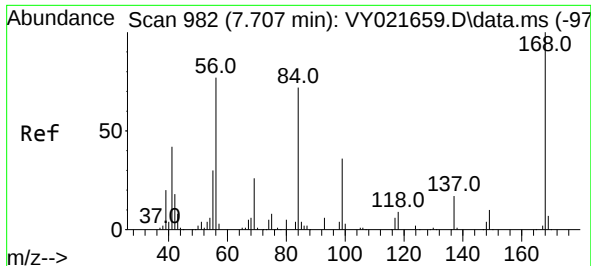
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021676.D
Acq On : 27 Mar 2025 18:55
Operator : SY/MD
Sample : Q1648-07
Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Quant Time: Mar 28 04:04:54 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

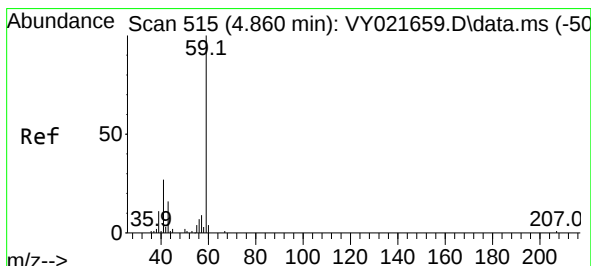
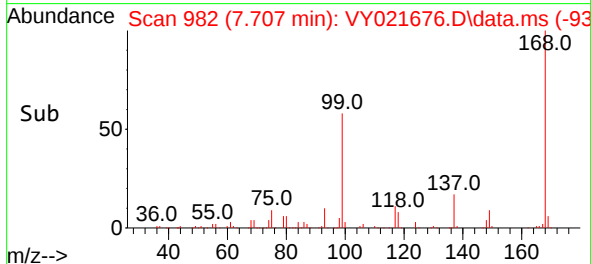
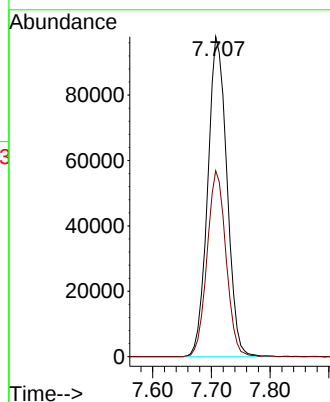
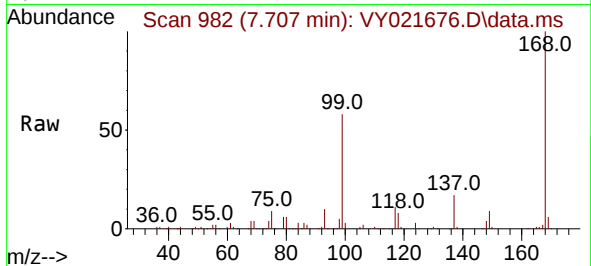




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

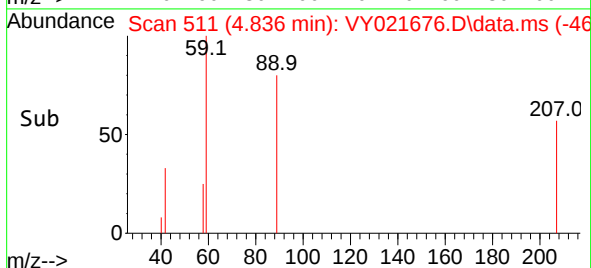
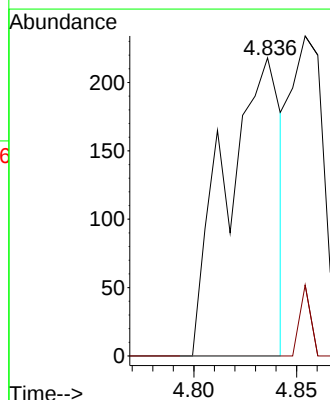
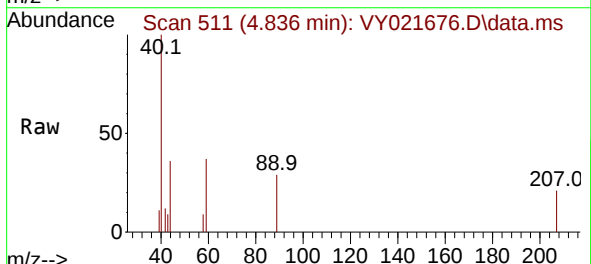
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

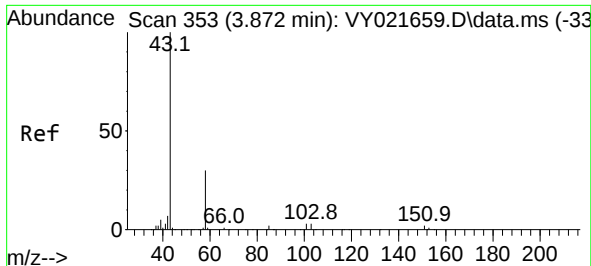
Tgt Ion:168 Resp: 222304
Ion Ratio Lower Upper
168 100
99 58.1 46.7 70.1



#11
Tert butyl alcohol
Concen: 2.595 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion: 59 Resp: 406
Ion Ratio Lower Upper
59 100
57 4.7 9.2 13.8#

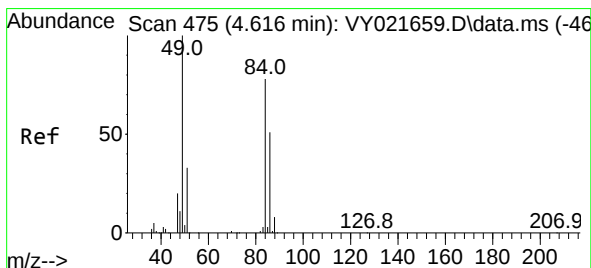
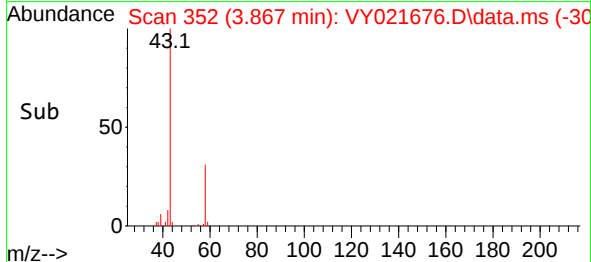
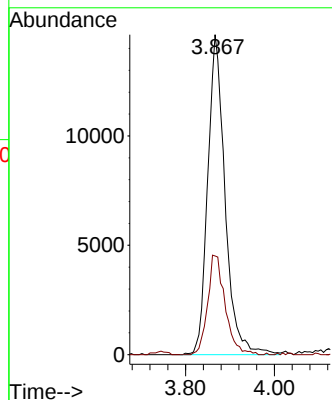
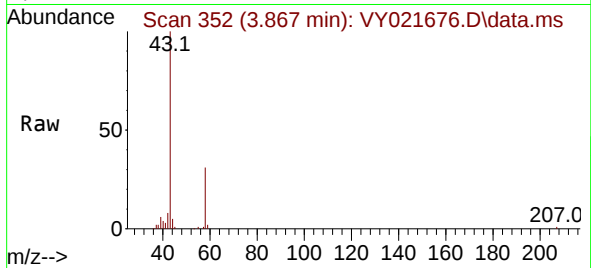




#16
Acetone
Concen: 80.741 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

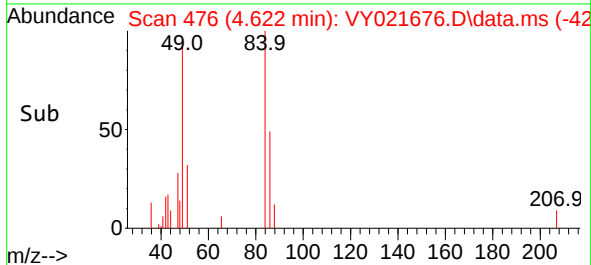
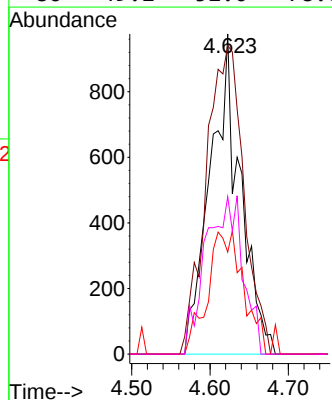
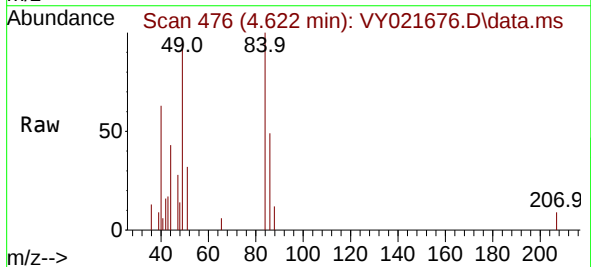
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

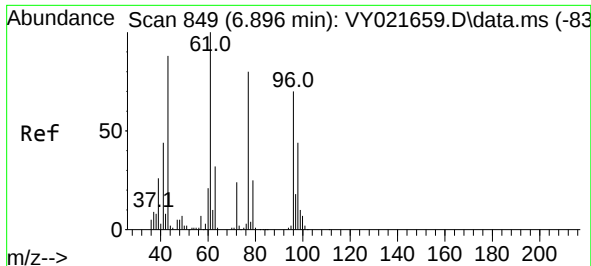
Tgt Ion: 43 Resp: 39801
Ion Ratio Lower Upper
43 100
58 30.8 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion: 84 Resp: 2603
Ion Ratio Lower Upper
84 100
49 96.4 102.8 154.2#
51 31.9 33.5 50.3#
86 49.2 52.0 78.0#





#25

2-Butanone

Concen: 20.018 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

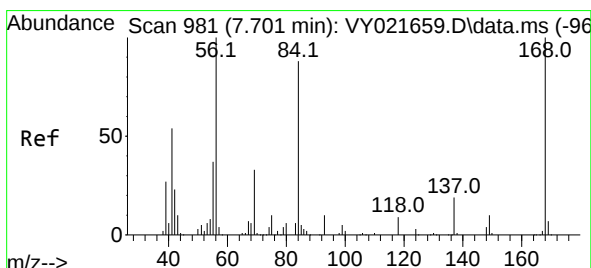
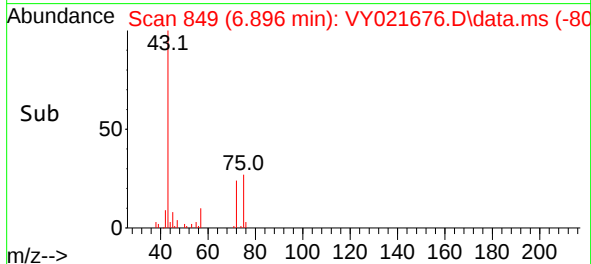
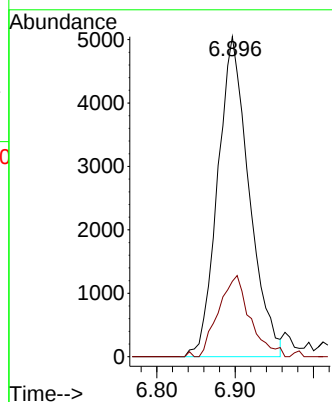
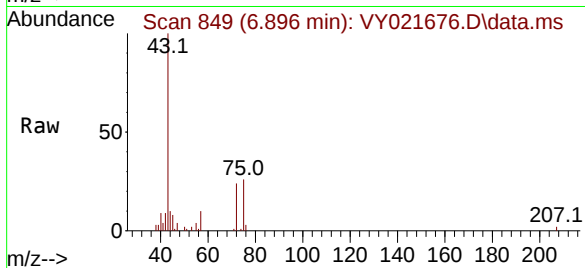
TP-6

Tgt Ion: 43 Resp: 14094

Ion Ratio Lower Upper

43 100

72 23.6 21.4 32.2



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

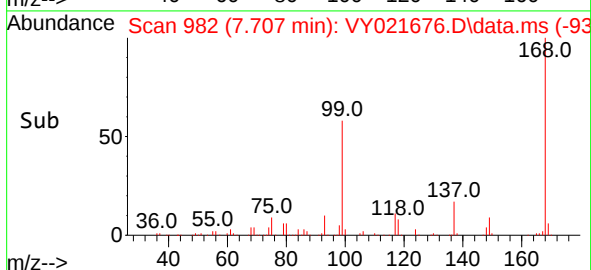
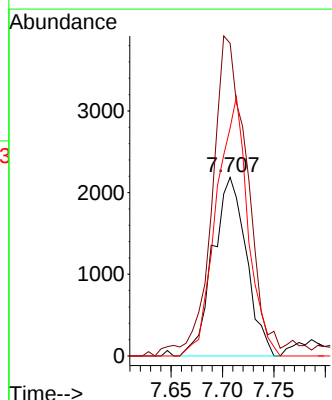
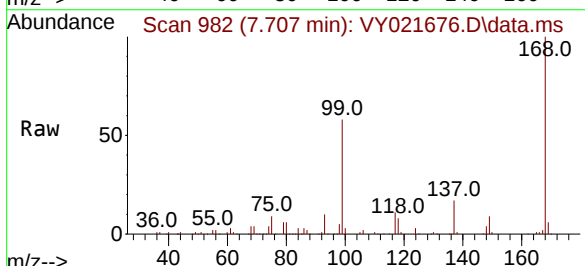
Tgt Ion: 56 Resp: 4942

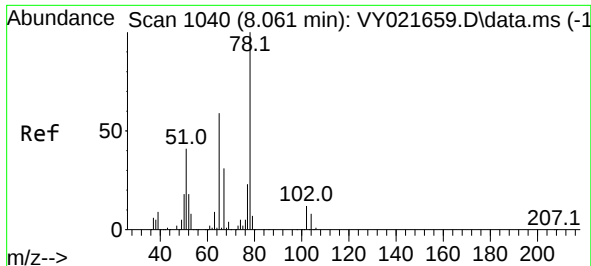
Ion Ratio Lower Upper

56 100

69 170.7 26.6 40.0#

84 127.6 69.0 103.4#

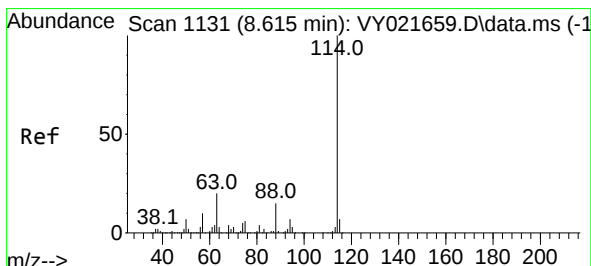
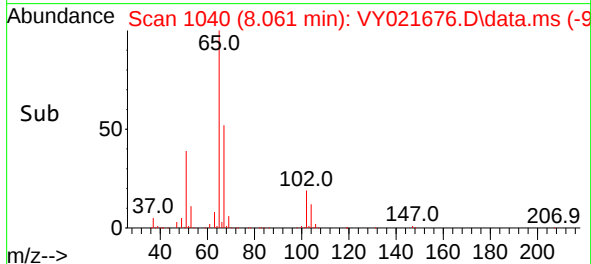
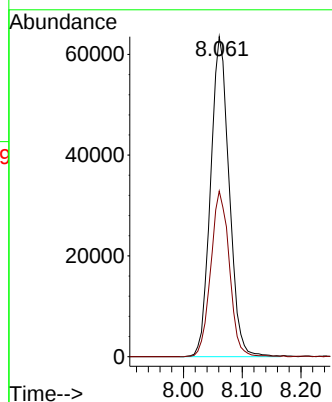
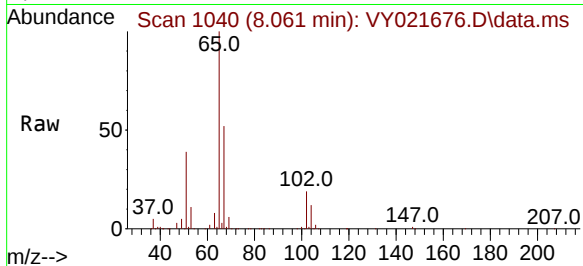




#33
 1,2-Dichloroethane-d4
 Concen: 57.872 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021676.D
 Acq: 27 Mar 2025 18:55

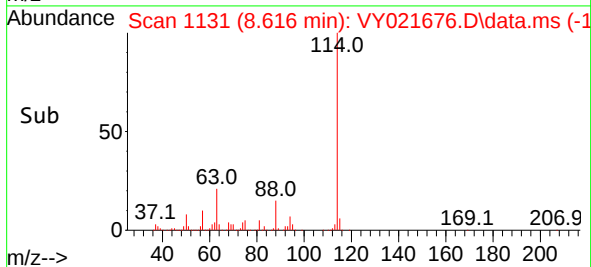
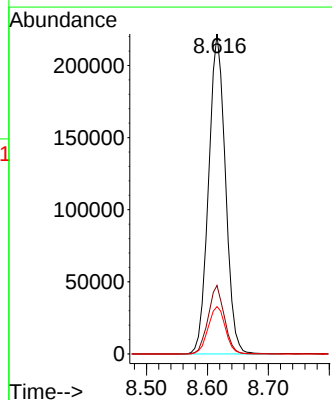
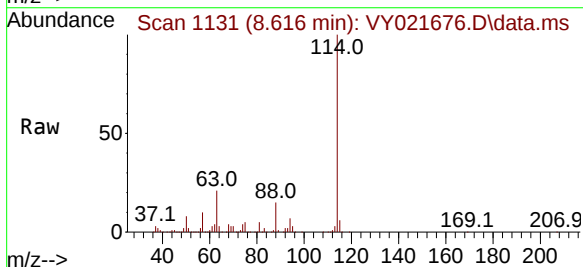
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

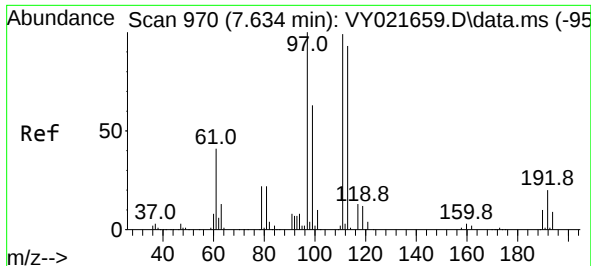
Tgt Ion: 65 Resp: 139391
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021676.D
 Acq: 27 Mar 2025 18:55

Tgt Ion: 114 Resp: 425280
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 14.8 0.0 29.8

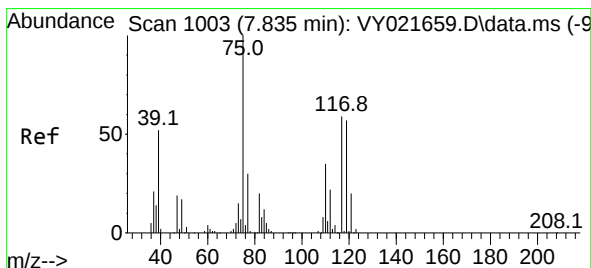
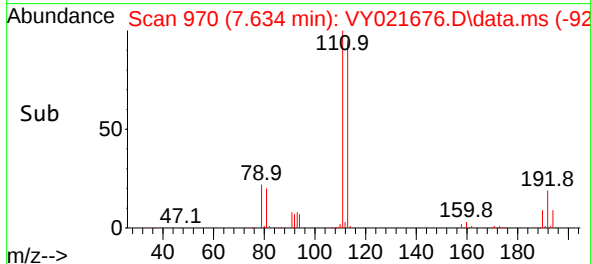
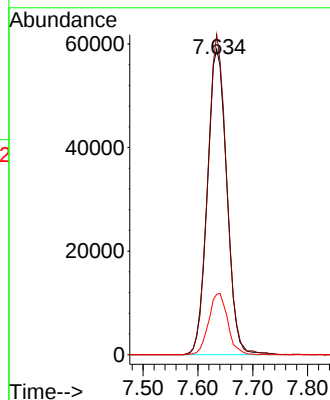
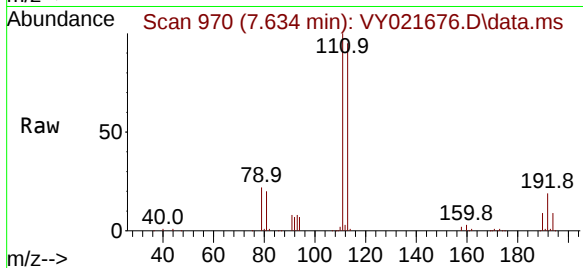




#35
Dibromofluoromethane
Concen: 52.614 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

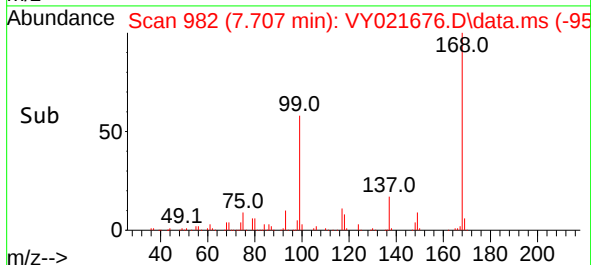
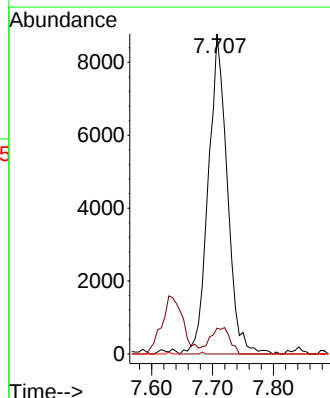
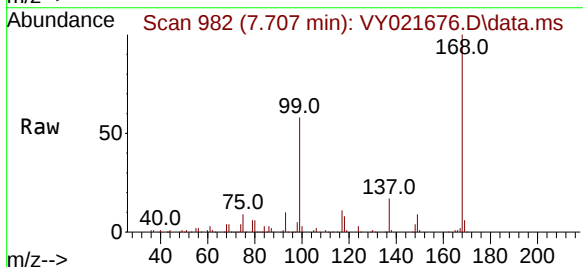
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

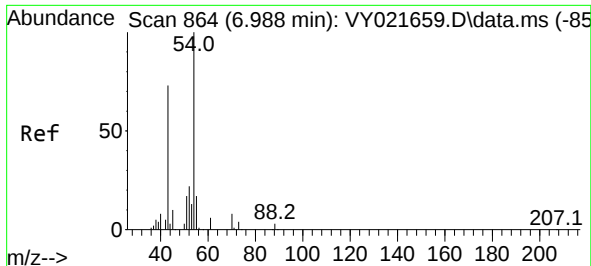
Tgt Ion:113 Resp: 145147
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.530 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion: 75 Resp: 19036
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 7.107 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

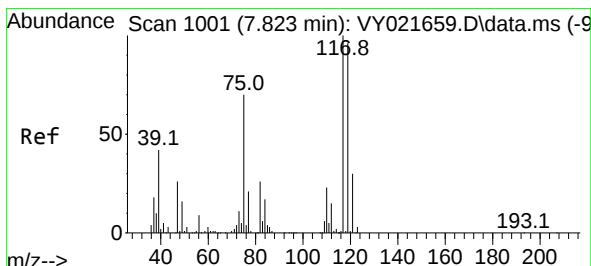
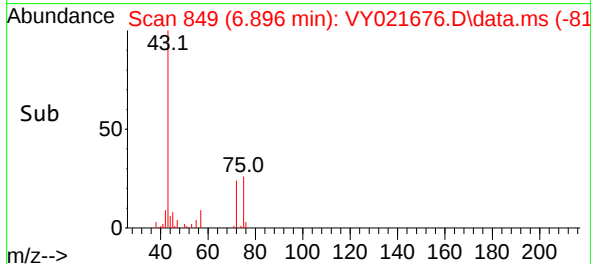
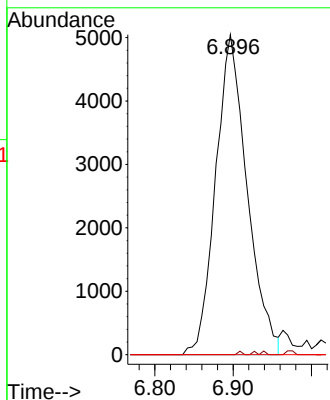
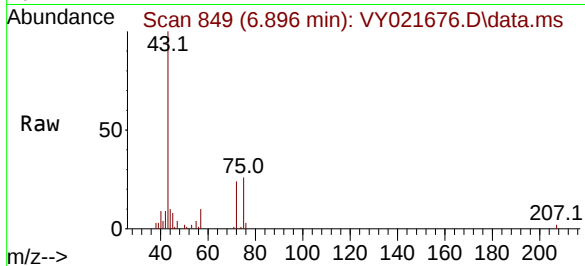
Tgt Ion: 43 Resp: 14094

Ion Ratio Lower Upper

43 100

61 0.1 11.0 16.6#

70 0.0 8.1 12.1#



#38

Carbon Tetrachloride

Concen: 4.732 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

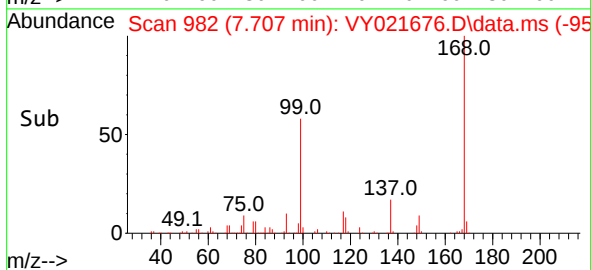
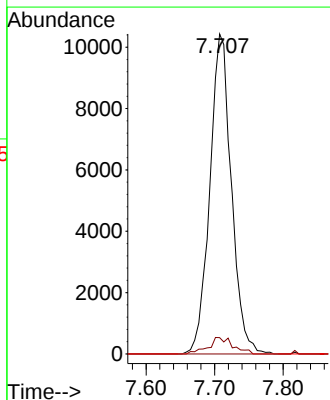
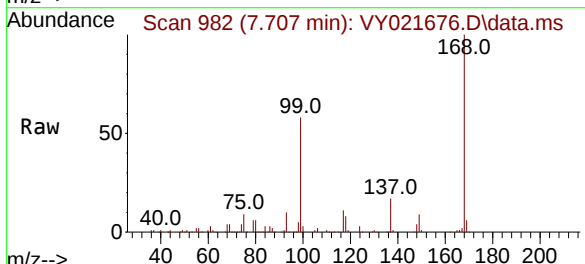
Tgt Ion: 117 Resp: 22776

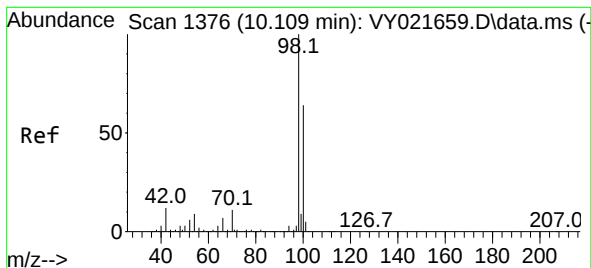
Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.4#

121 0.0 24.2 36.4#

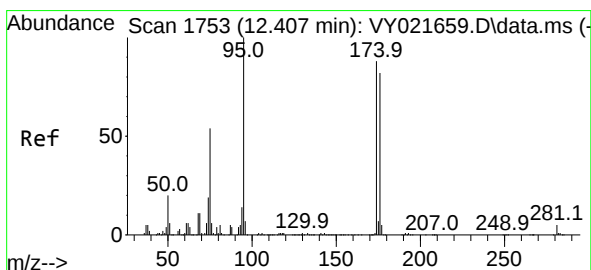
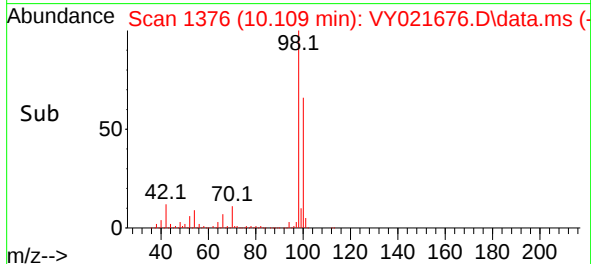
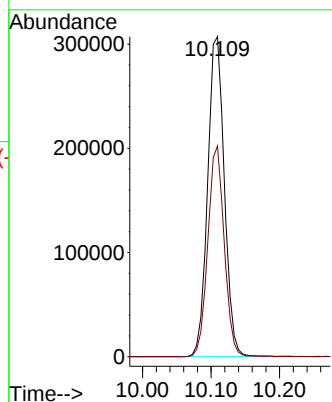
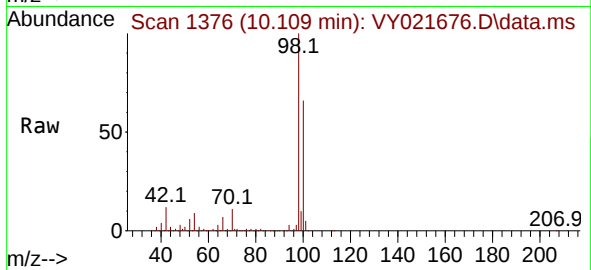




#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

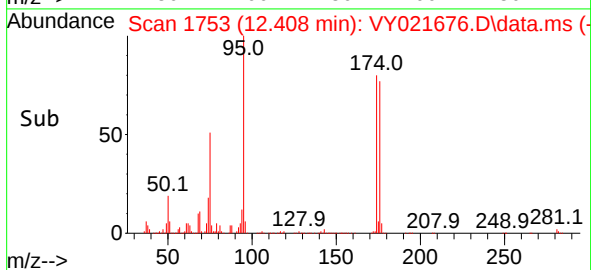
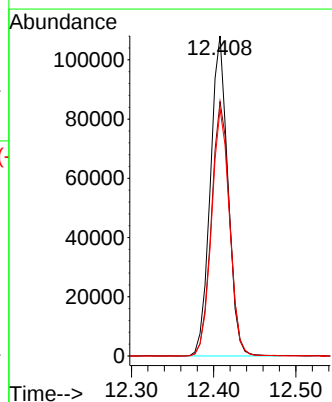
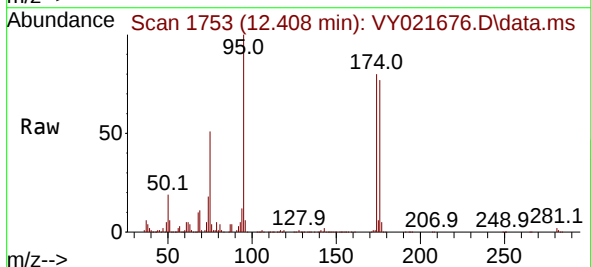
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

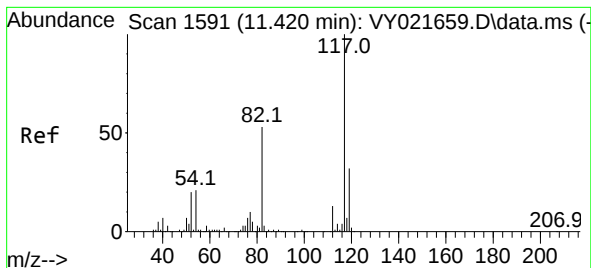
Tgt Ion: 98 Resp: 521117
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.149 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion: 95 Resp: 160275
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.8
176 79.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

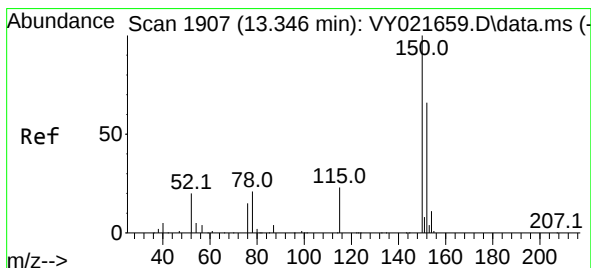
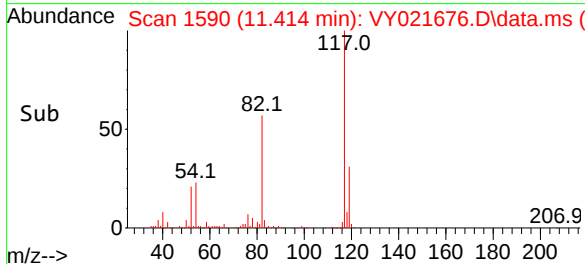
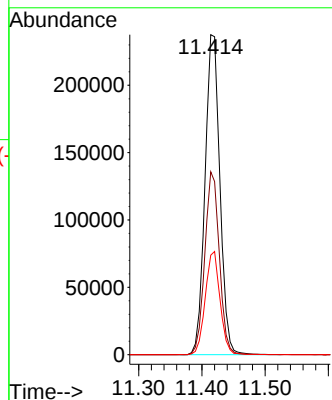
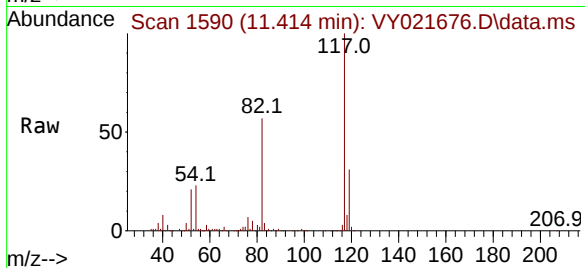
Tgt Ion:117 Resp: 389784

Ion Ratio Lower Upper

117 100

82 57.1 42.8 64.2

119 31.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

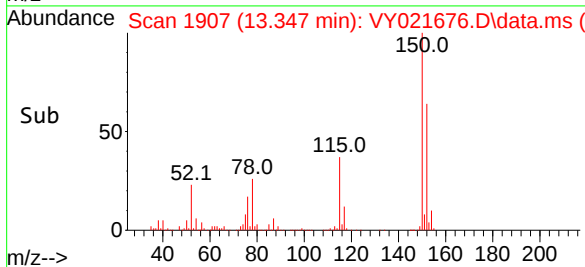
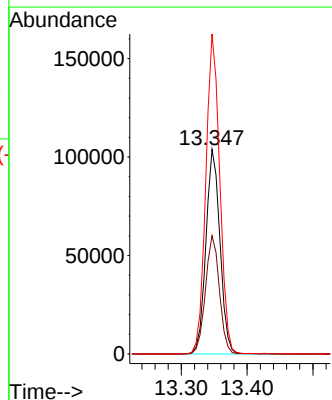
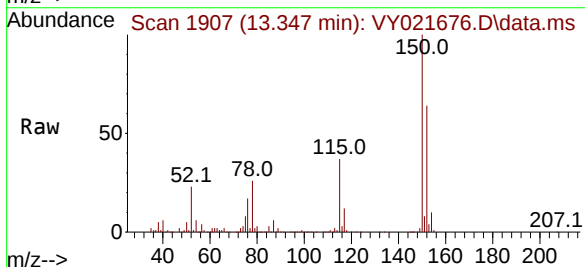
Tgt Ion:152 Resp: 154330

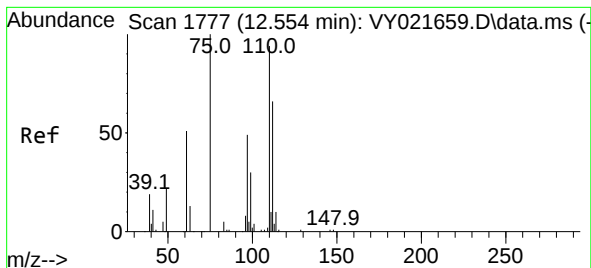
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 155.4 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 55.196 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

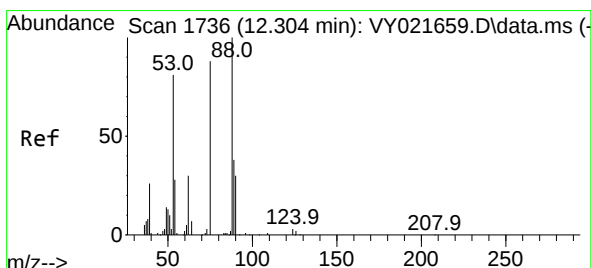
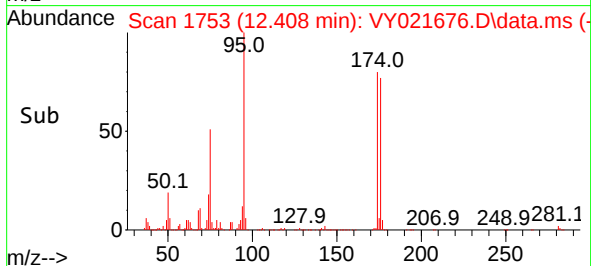
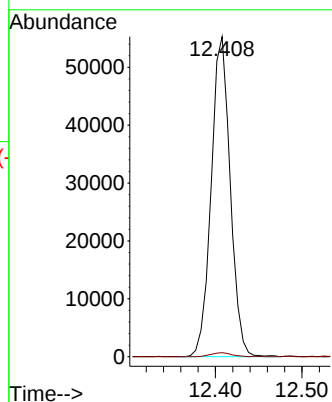
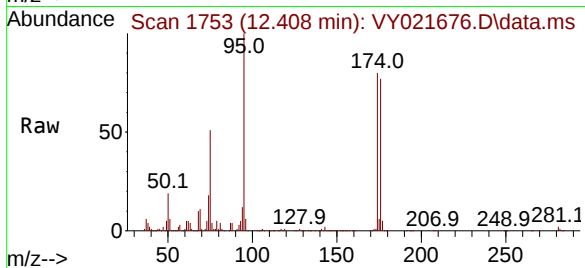
TP-6

Tgt Ion: 75 Resp: 84440

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.182 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

Tgt Ion: 75 Resp: 84440

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.2 54.4#

