

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022030.D
 Acq On : 28 Apr 2025 14:41
 Operator : SY/MD
 Sample : Q1895-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Apr 29 03:54:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	316315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	589559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	518390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	195303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147955	50.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.280%	
35) Dibromofluoromethane	7.634	113	195045	50.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.160%	
50) Toluene-d8	10.109	98	707910	48.210	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	12.408	95	191573	38.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	1700	Below Cal	#	80
31) Cyclohexane	7.701	56	5846	1.210	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	22919	4.381	ug/l #	48
38) Carbon Tetrachloride	7.707	117	30908	4.944	ug/l #	18
51) 4-Methyl-2-Pentanone	10.109	43	2526	1.335	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	92913	55.541	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	92913	133.751	ug/l #	16

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

Quant Time: Apr 29 03:54:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

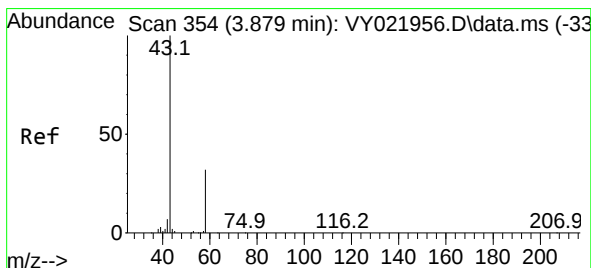
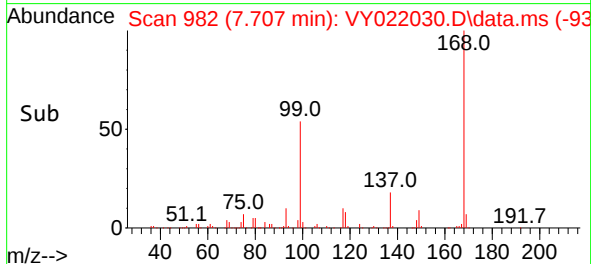
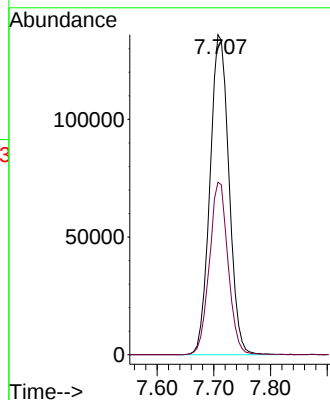
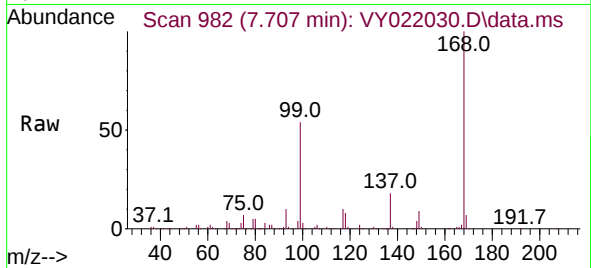




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

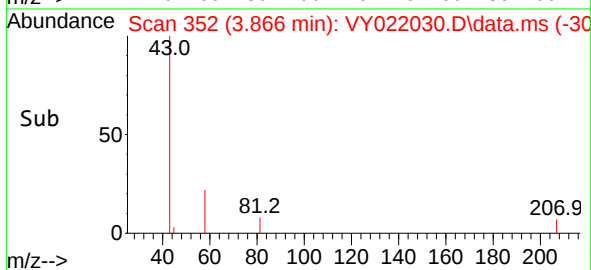
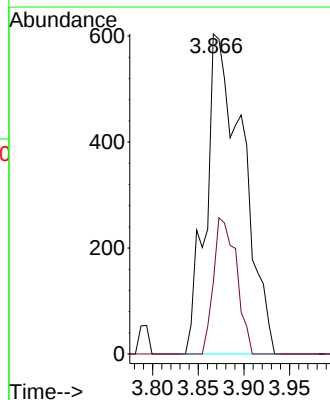
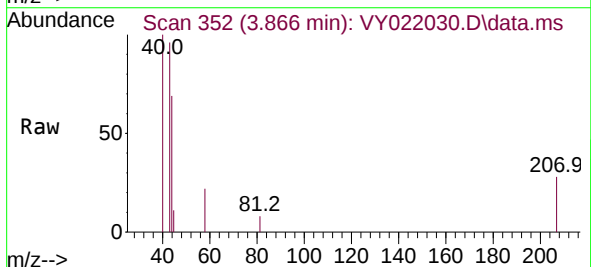
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

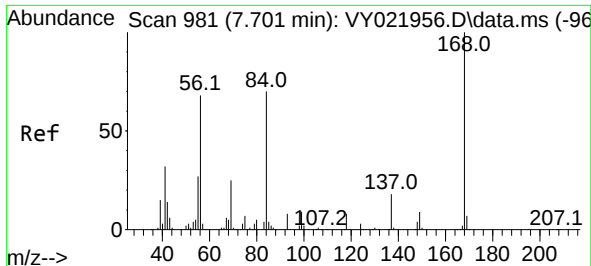
Tgt Ion:168 Resp: 316315
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 22.4 27.0 40.4#

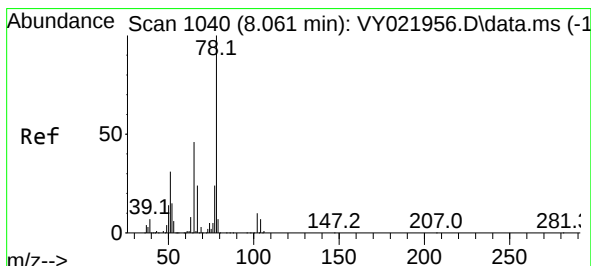
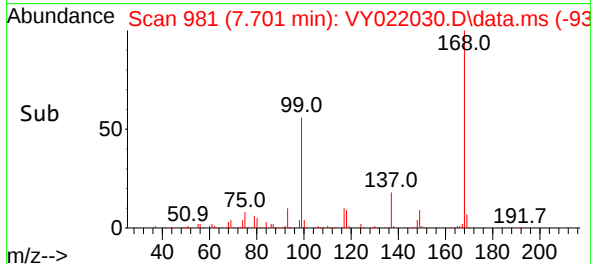
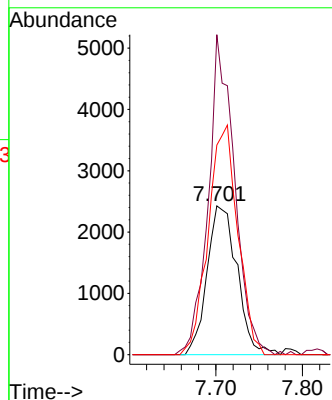
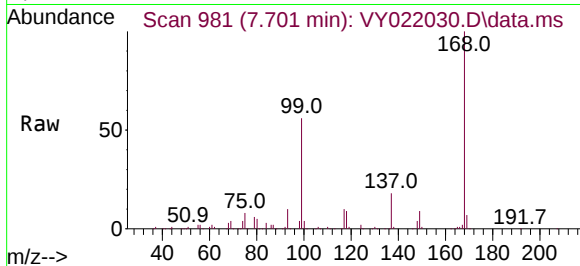




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

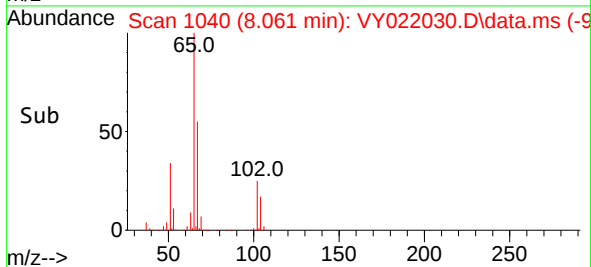
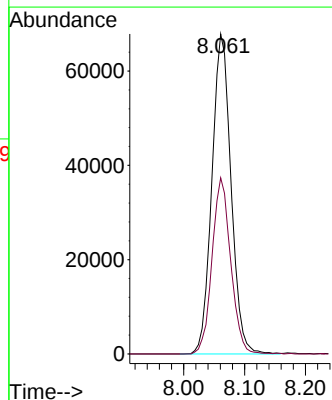
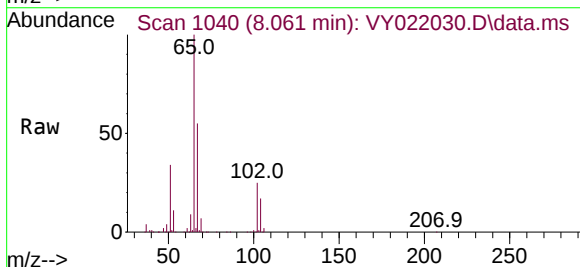
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

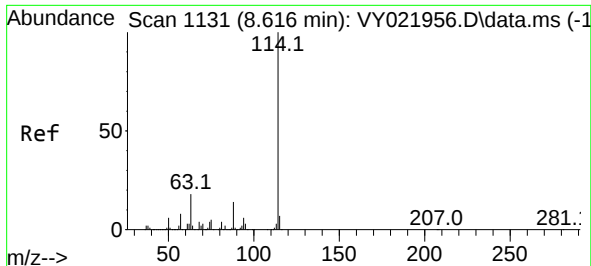
Tgt Ion: 56 Resp: 5846
Ion Ratio Lower Upper
56 100
69 212.9 29.4 44.2#
84 140.8 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 50.639 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

Tgt Ion: 65 Resp: 147955
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022030.D

Acq: 28 Apr 2025 14:41

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

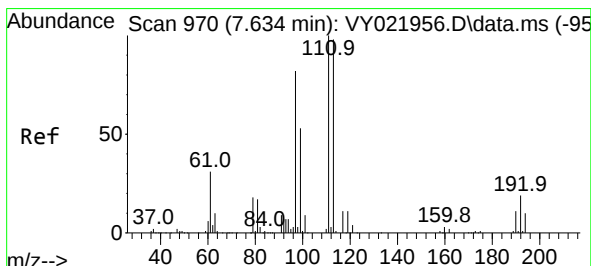
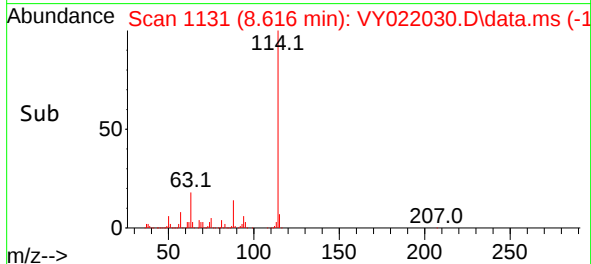
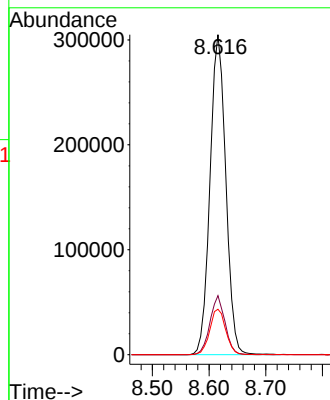
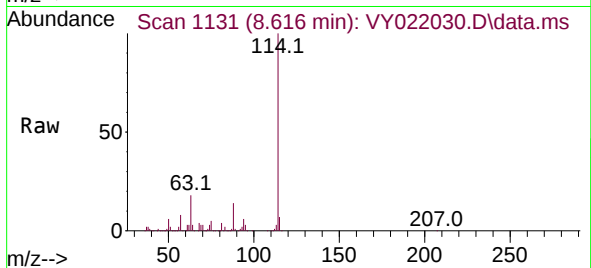
Tgt Ion:114 Resp: 589559

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.4

88 14.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.076 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022030.D

Acq: 28 Apr 2025 14:41

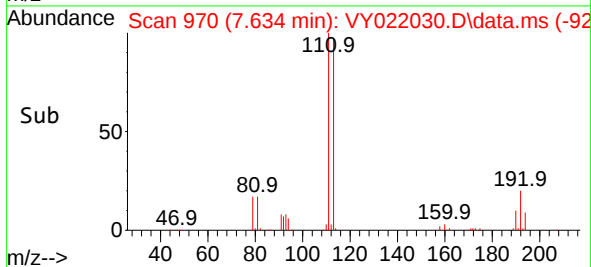
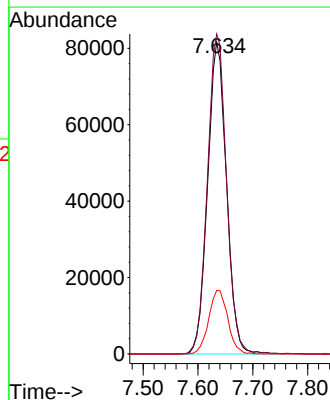
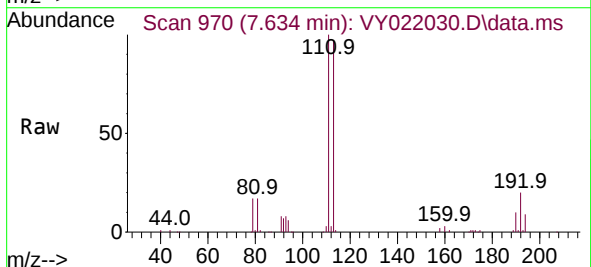
Tgt Ion:113 Resp: 195045

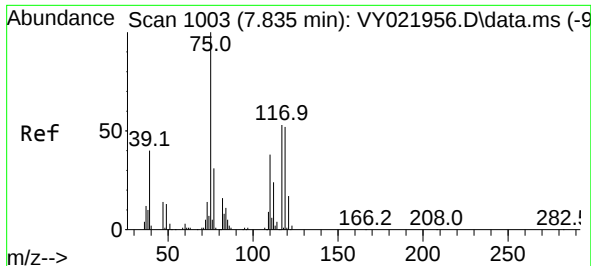
Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

192 20.6 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.381 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY022030.D

Acq: 28 Apr 2025 14:41

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

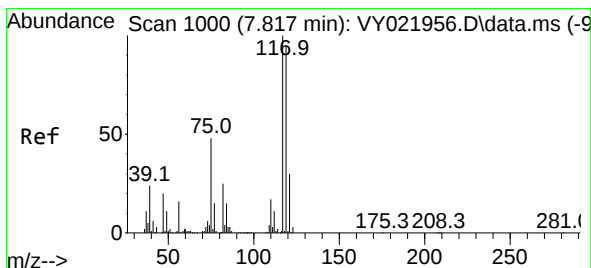
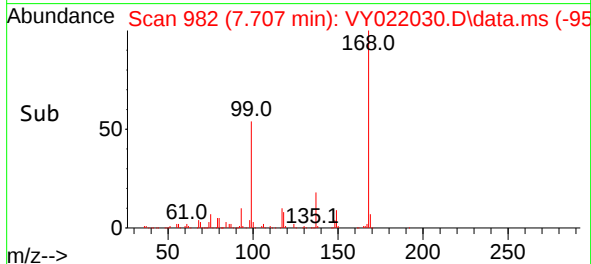
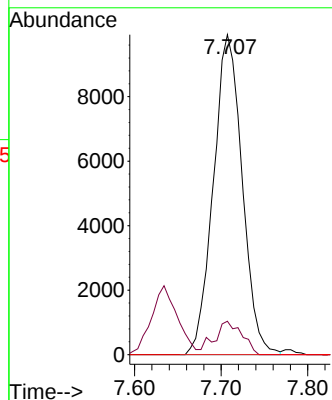
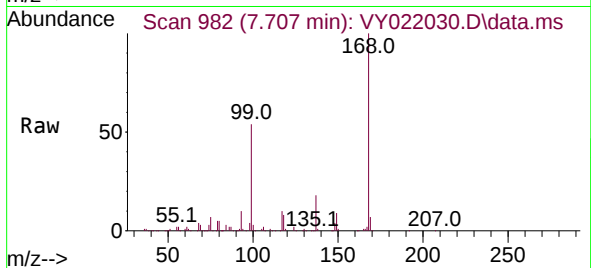
Tgt Ion: 75 Resp: 22919

Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 4.944 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022030.D

Acq: 28 Apr 2025 14:41

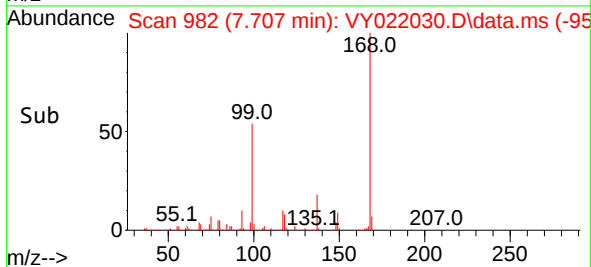
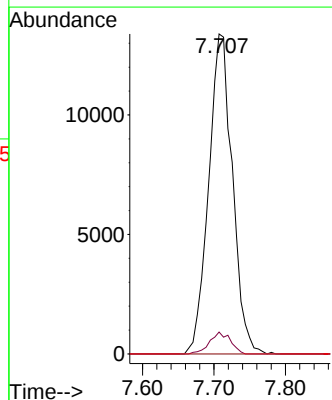
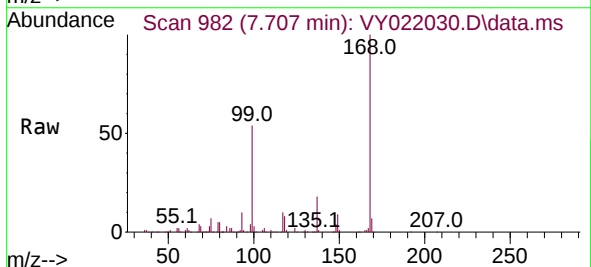
Tgt Ion: 117 Resp: 30908

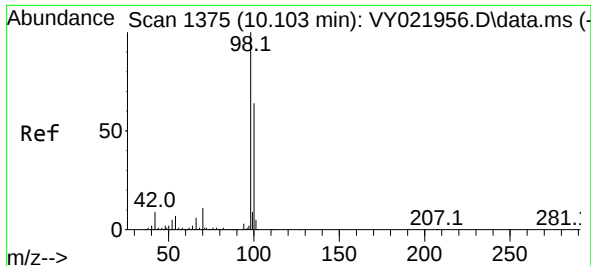
Ion Ratio Lower Upper

117 100

119 6.9 76.2 114.4#

121 0.0 24.0 36.0#

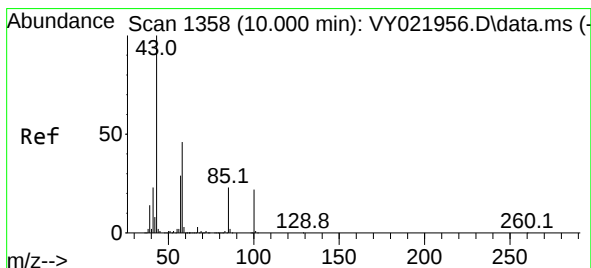
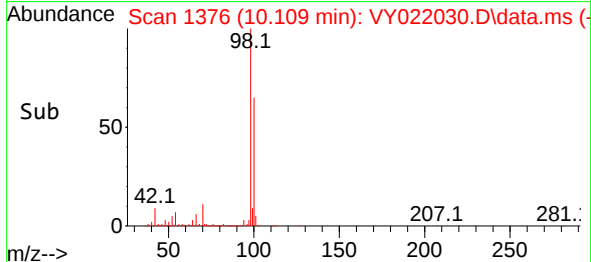
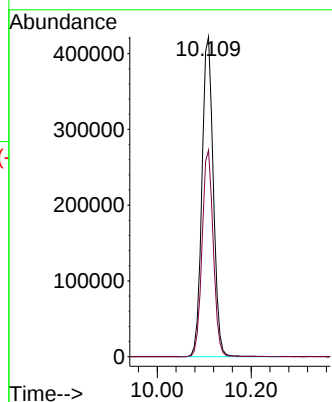
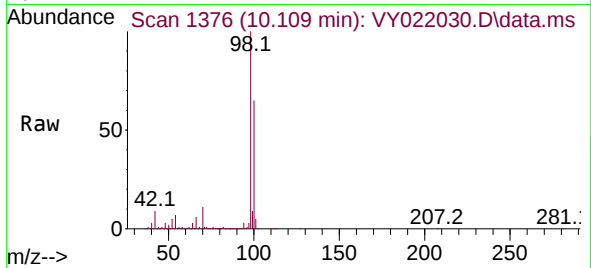




#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

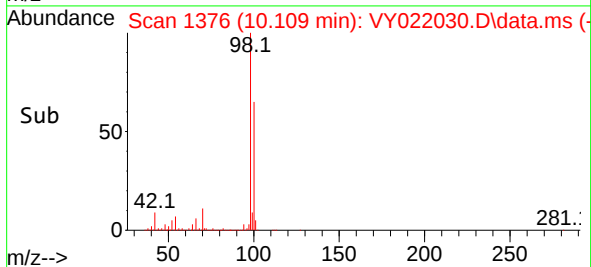
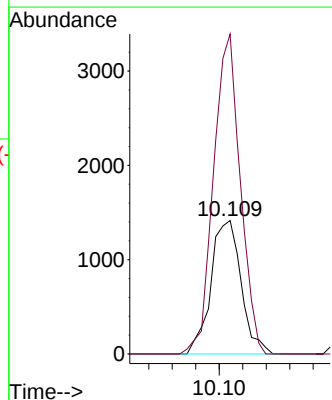
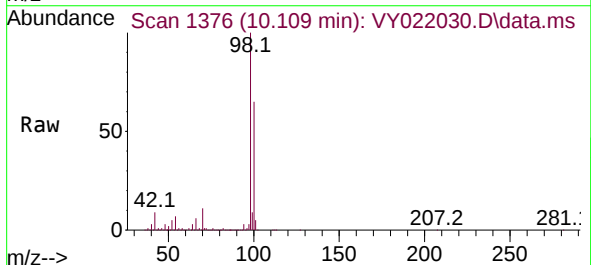
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

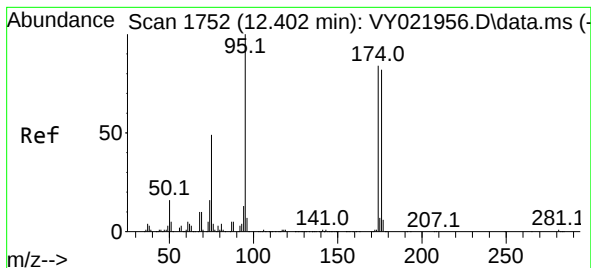
Tgt Ion: 98 Resp: 707910
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.335 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
58 212.3 36.6 55.0#

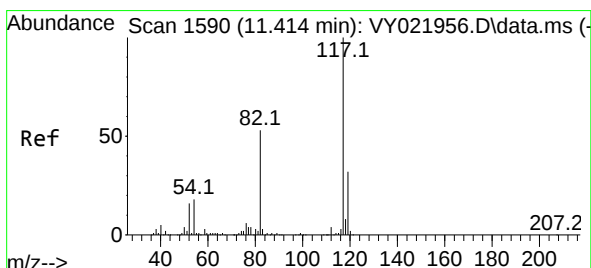
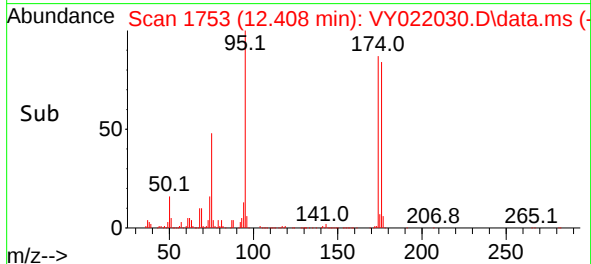
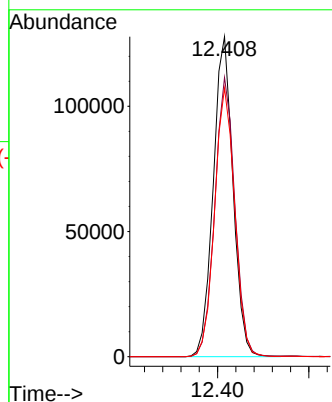
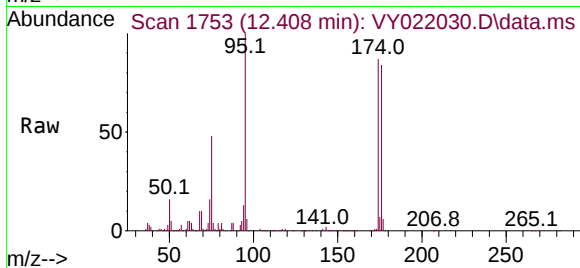




#62
4-Bromofluorobenzene
Concen: 38.755 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

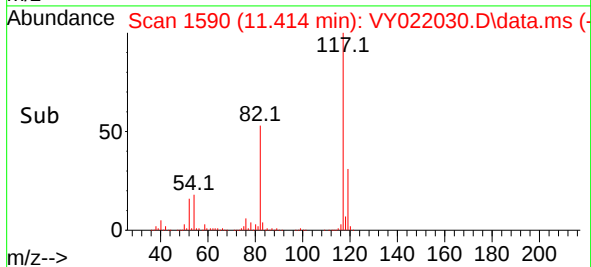
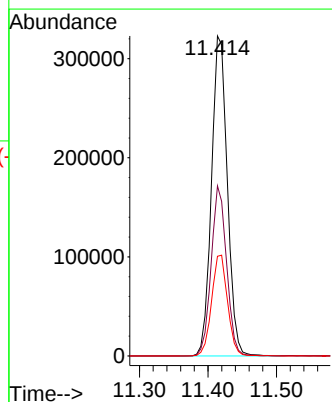
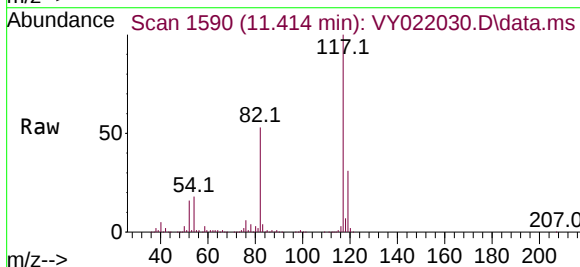
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

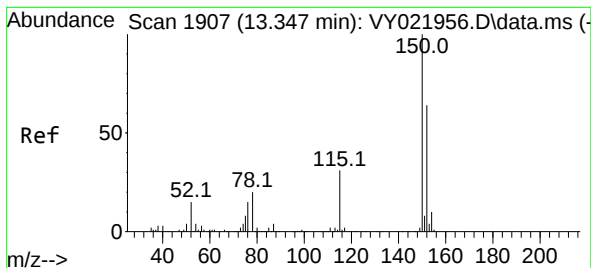
Tgt Ion: 95 Resp: 191573
Ion Ratio Lower Upper
95 100
174 89.1 0.0 179.0
176 85.9 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022030.D
Acq: 28 Apr 2025 14:41

Tgt Ion: 117 Resp: 518390
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 31.2 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: VY022030.D

Acq: 28 Apr 2025 14:41

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

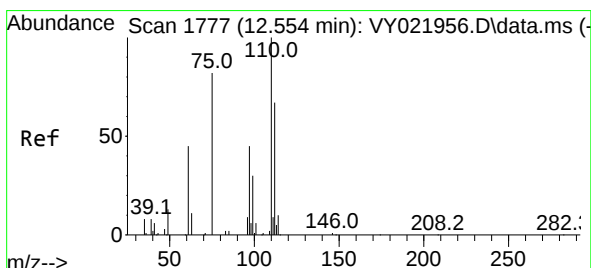
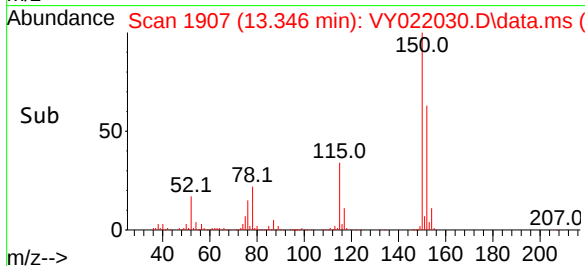
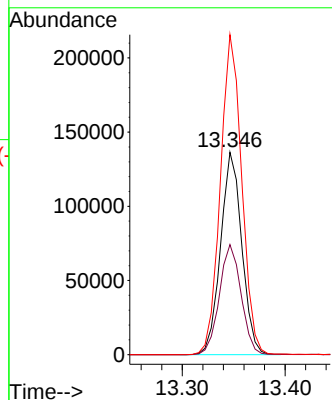
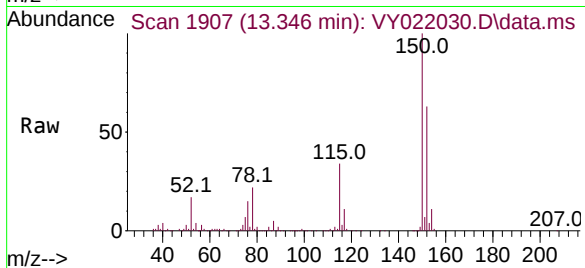
Tgt Ion:152 Resp: 195303

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

150 159.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.541 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022030.D

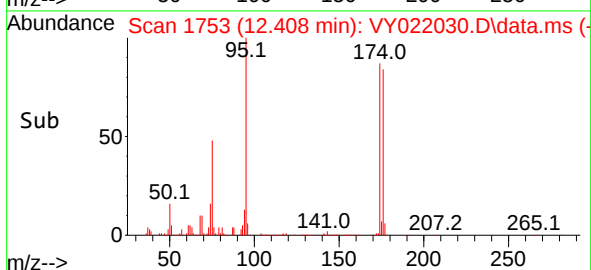
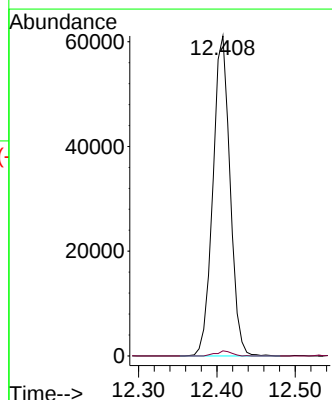
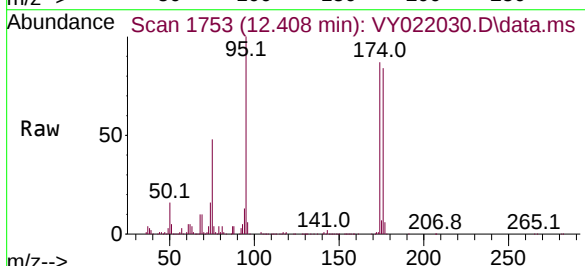
Acq: 28 Apr 2025 14:41

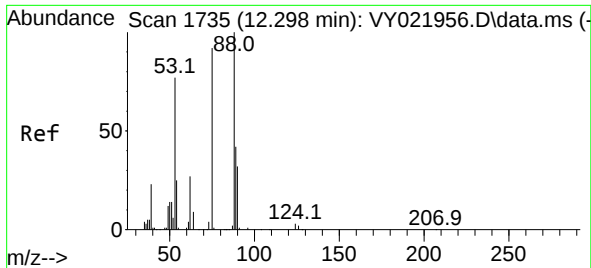
Tgt Ion: 75 Resp: 92913

Ion Ratio Lower Upper

75 100

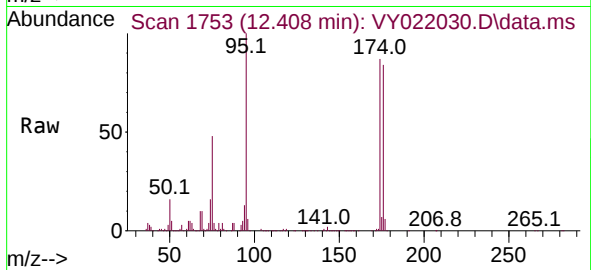
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.751 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY022030.D
 Acq: 28 Apr 2025 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2



Tgt Ion:	75	Resp:	92913
Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.0	99.0#
89	0.1	37.2	55.8#

