

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022063.D
 Acq On : 29 Apr 2025 17:50
 Operator : SY/MD
 Sample : Q1903-03
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

Quant Time: Apr 30 01:35:34 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	287202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	548094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	500953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150563	56.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.520%	
35) Dibromofluoromethane	7.634	113	187366	51.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.103	98	661999	48.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.407	95	186953	40.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.360%	
Target Compounds						Qvalue
16) Acetone	3.866	43	1511	Below Cal	92	
31) Cyclohexane	7.701	56	5222	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	20662	4.248	ug/l #	48
38) Carbon Tetrachloride	7.707	117	28697	4.937	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	2446	1.391	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	89300	54.044	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	89300	130.146	ug/l #	16

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

Quant Time: Apr 30 01:35:34 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

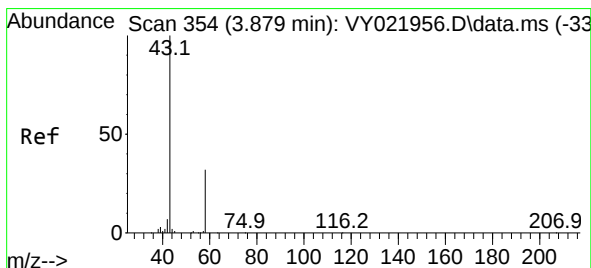
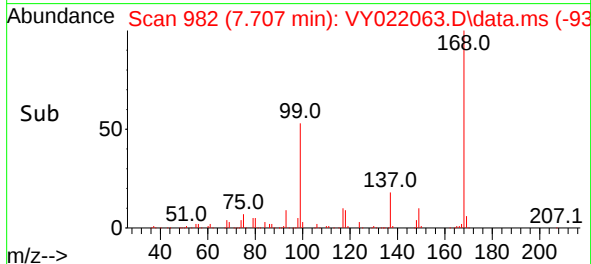
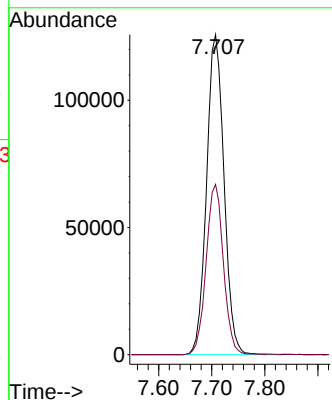
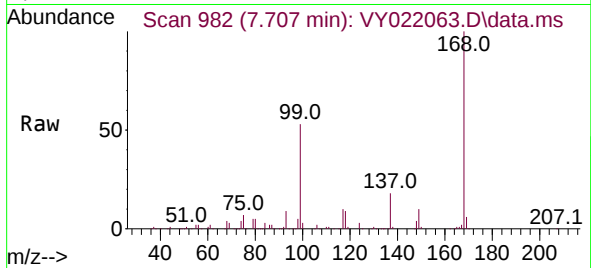




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

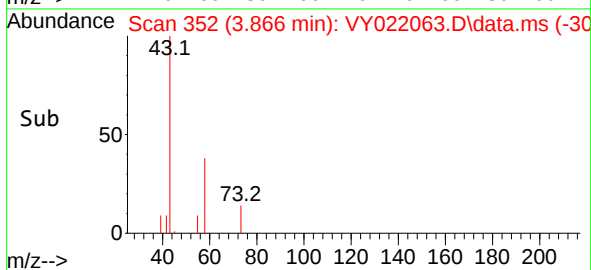
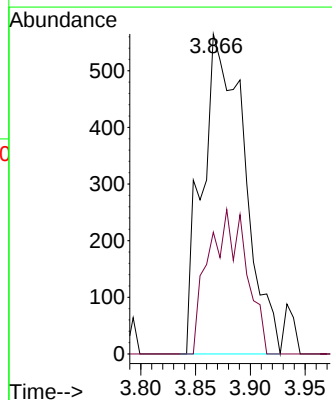
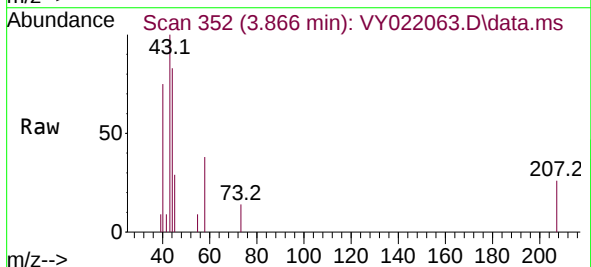
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

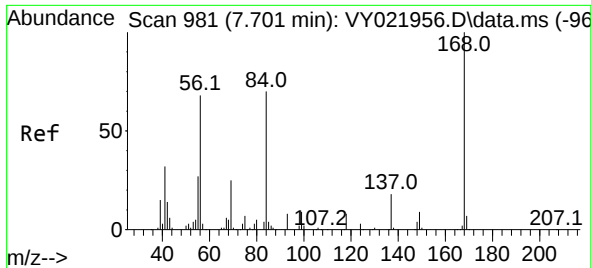
Tgt Ion:168 Resp: 287202
Ion Ratio Lower Upper
168 100
99 53.2 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
58 38.1 27.0 40.4

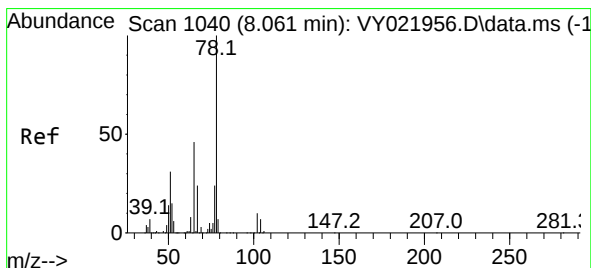
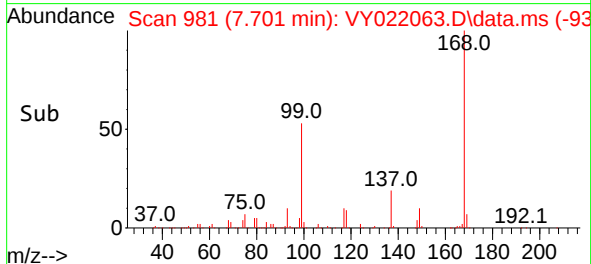
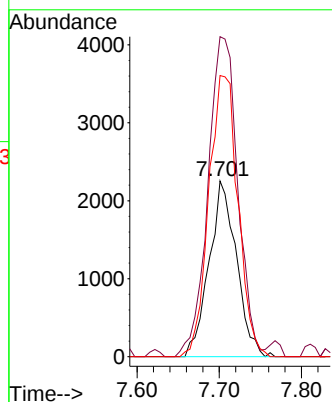
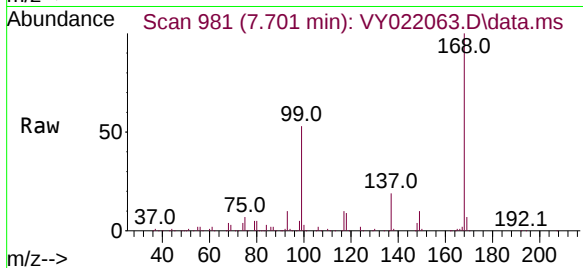




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

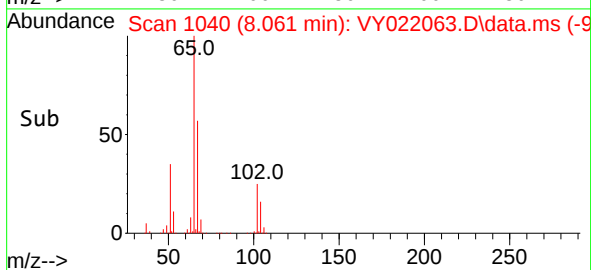
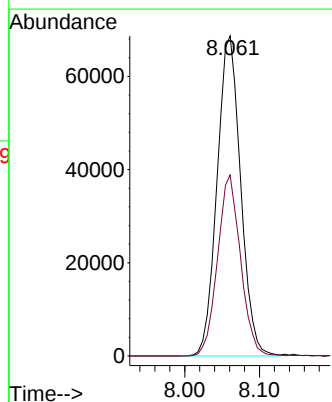
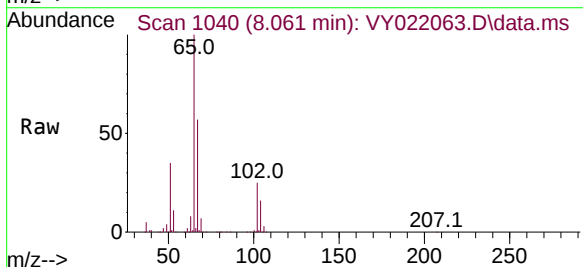
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

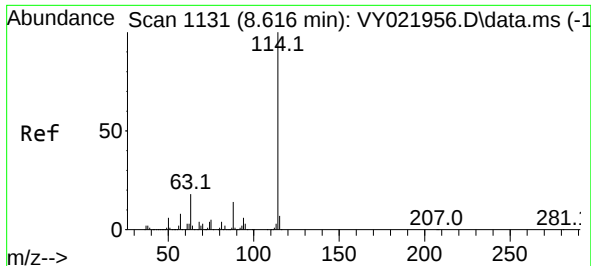
Tgt Ion: 56 Resp: 5222
Ion Ratio Lower Upper
56 100
69 179.2 29.4 44.2#
84 160.1 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 56.756 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

Tgt Ion: 65 Resp: 150563
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022063.D

Acq: 29 Apr 2025 17:50

Instrument :

MSVOA_Y

ClientSampleId :

COMP-6

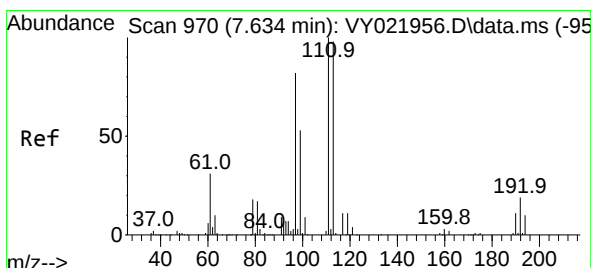
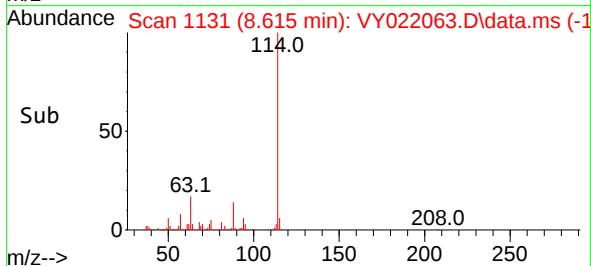
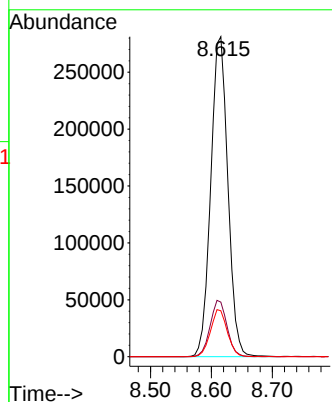
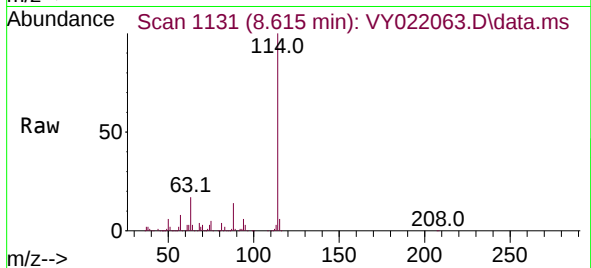
Tgt Ion:114 Resp: 548094

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.744 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022063.D

Acq: 29 Apr 2025 17:50

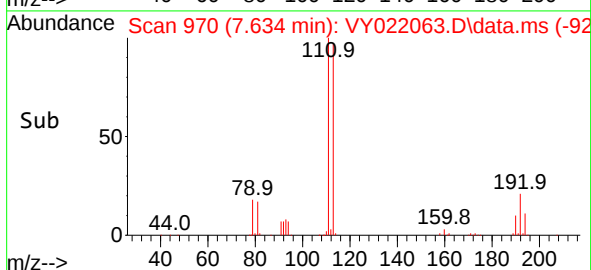
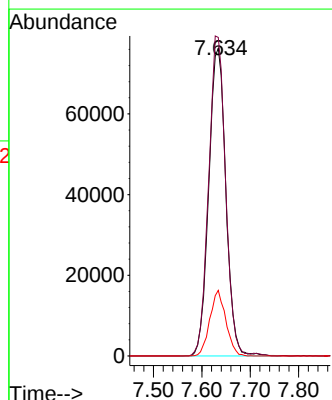
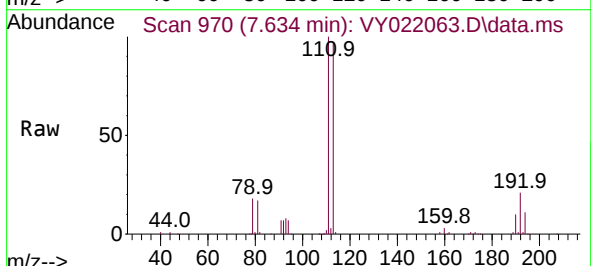
Tgt Ion:113 Resp: 187366

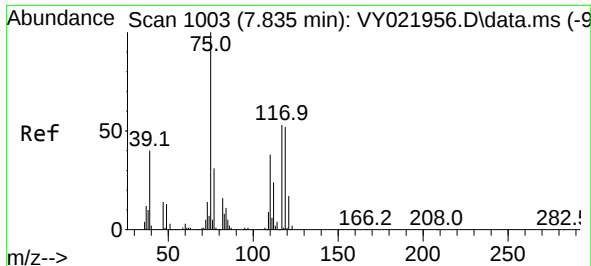
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 20.0 15.6 23.4

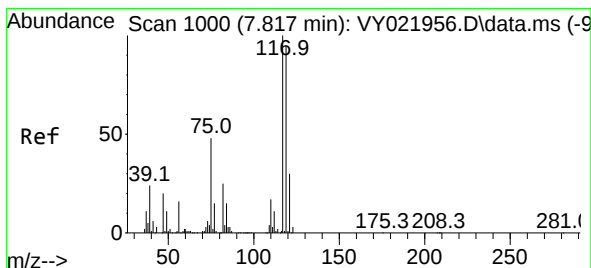
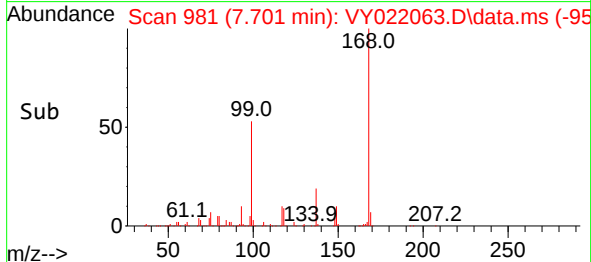
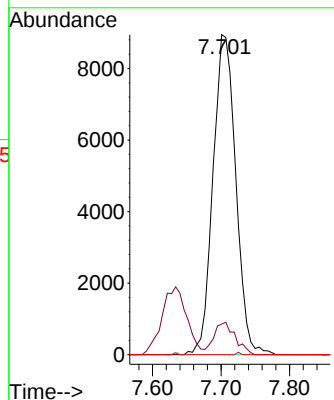
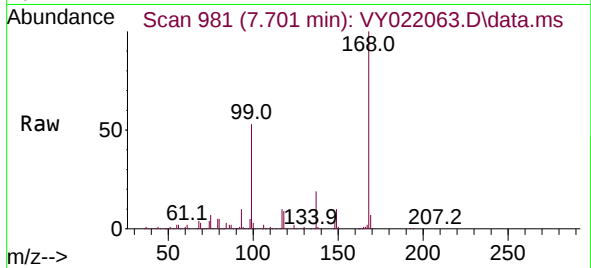




#36
 1,1-Dichloropropene
 Concen: 4.248 ug/l
 RT: 7.701 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY022063.D
 Acq: 29 Apr 2025 17:50

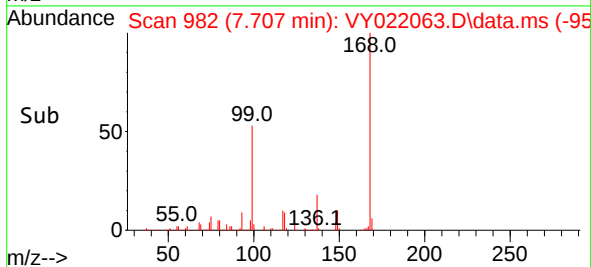
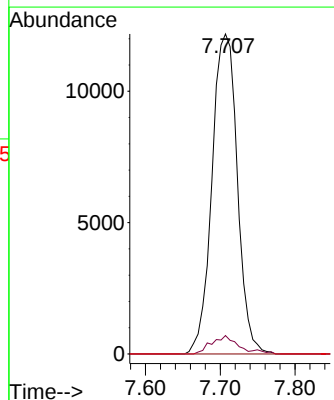
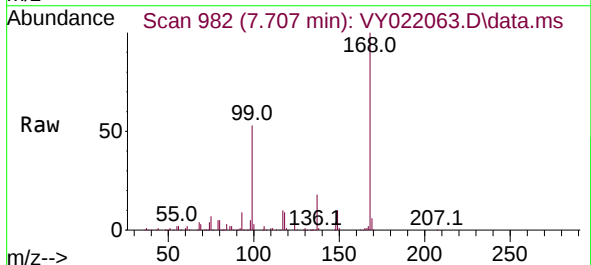
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

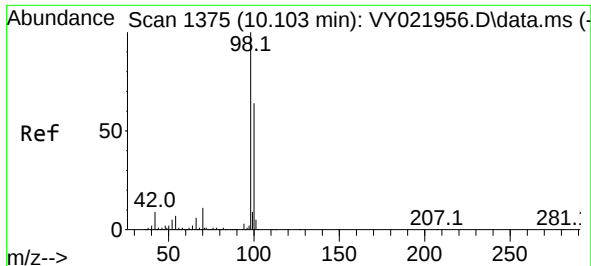
Tgt Ion: 75 Resp: 20662
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.937 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY022063.D
 Acq: 29 Apr 2025 17:50

Tgt Ion: 117 Resp: 28697
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.2 114.4#
 121 0.0 24.0 36.0#

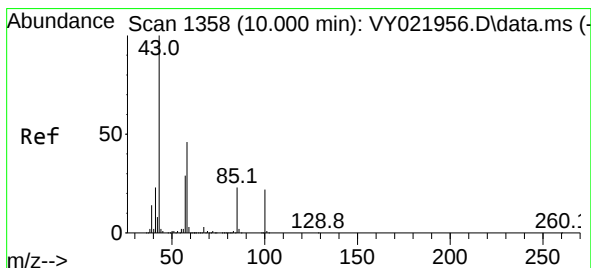
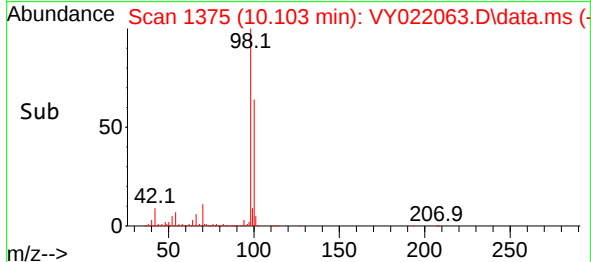
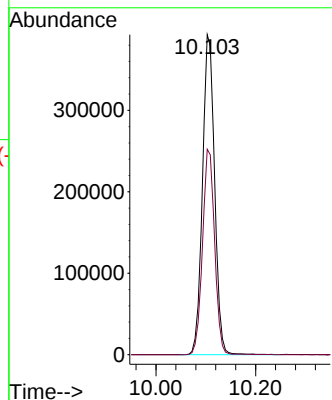
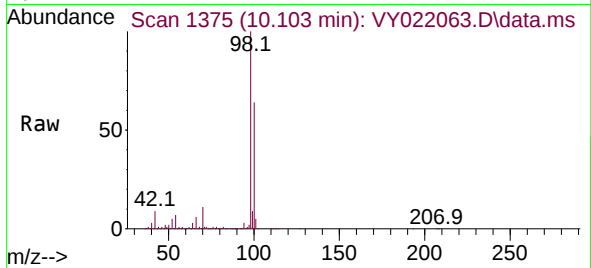




#50
Toluene-d8
Concen: 48.494 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

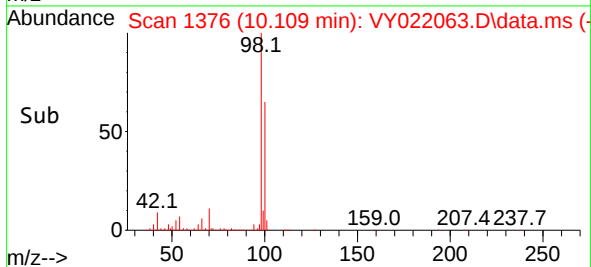
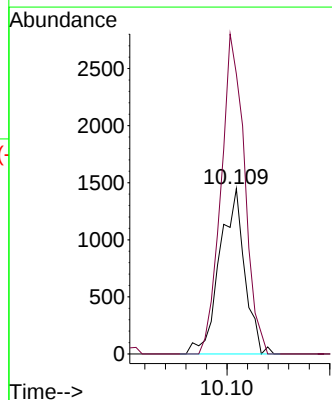
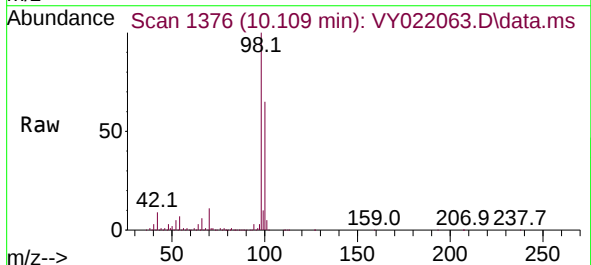
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

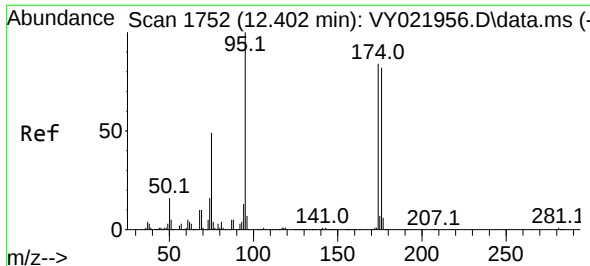
Tgt Ion: 98 Resp: 661999
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.391 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.109 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

Tgt Ion: 43 Resp: 2446
Ion Ratio Lower Upper
43 100
58 181.9 36.6 55.0#

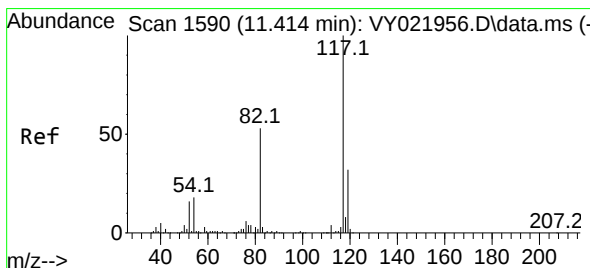
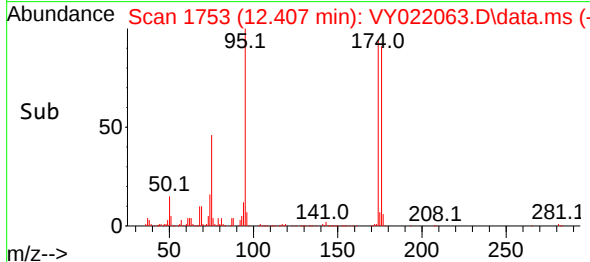
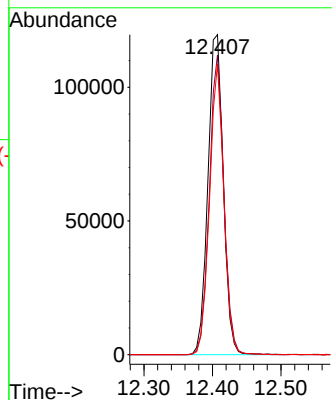
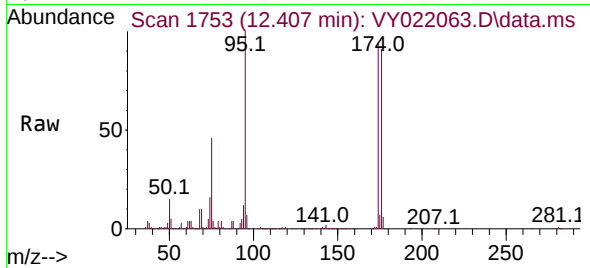




#62
4-Bromofluorobenzene
Concen: 40.681 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

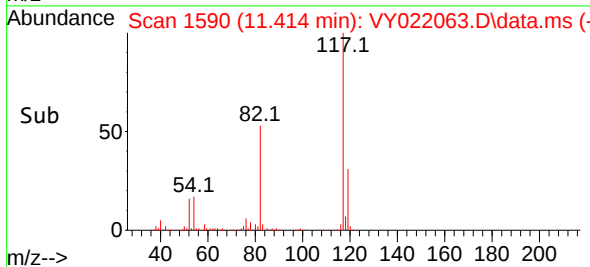
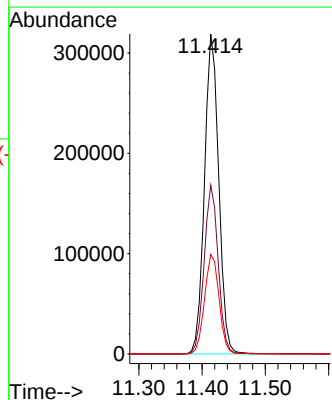
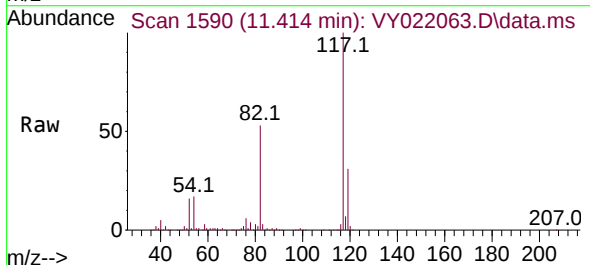
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

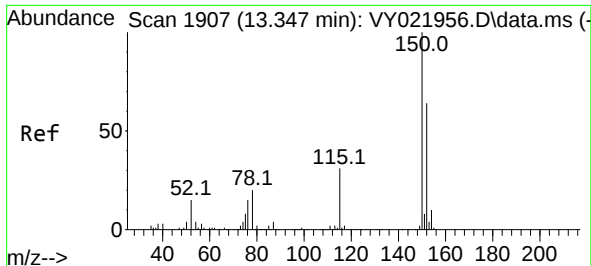
Tgt Ion: 95 Resp: 186953
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 84.6 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022063.D
Acq: 29 Apr 2025 17:50

Tgt Ion: 117 Resp: 500953
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 31.1 25.7 38.5

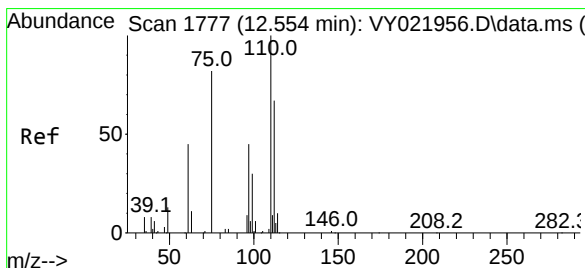
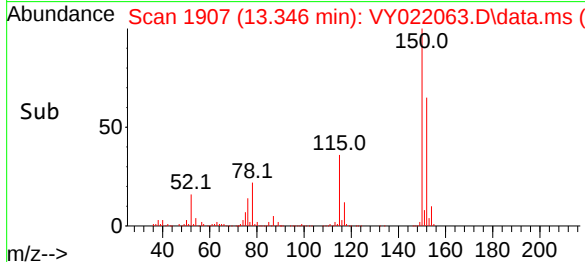
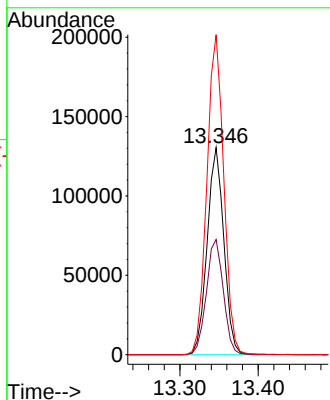
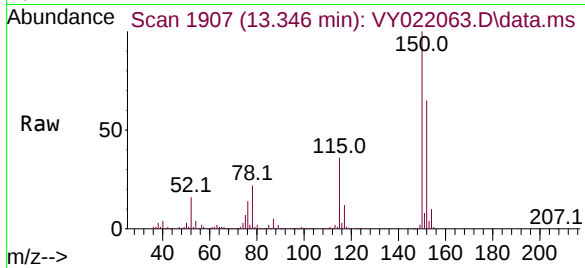




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022063.D
 Acq: 29 Apr 2025 17:50

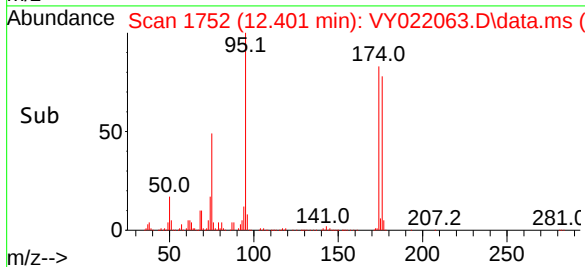
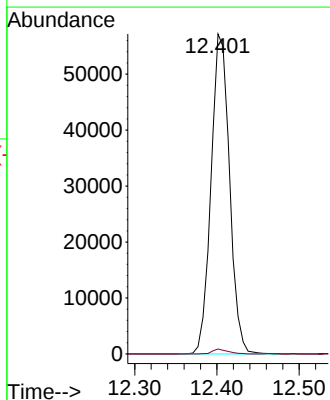
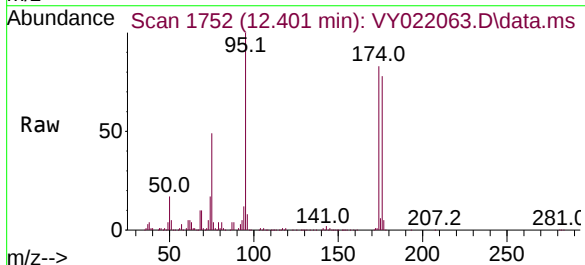
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

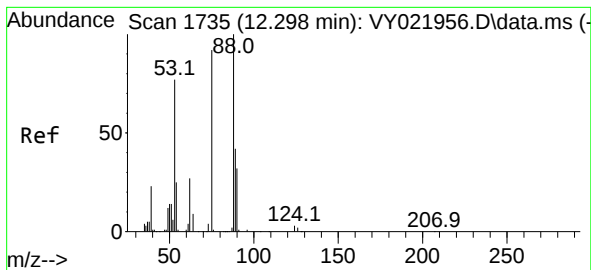
Tgt Ion:152 Resp: 192908
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.0 84.0
 150 156.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 54.044 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.153 min
 Lab File: VY022063.D
 Acq: 29 Apr 2025 17:50

Tgt Ion: 75 Resp: 89300
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.146 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022063.D
 Acq: 29 Apr 2025 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

Tgt Ion: 75 Resp: 89300
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.0 99.0#
 89 0.0 37.2 55.8#

