

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021979.D
 Acq On : 23 Apr 2025 18:11
 Operator : SY/MD
 Sample : Q1858-02
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Apr 24 03:47:40 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	317972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	595656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	514825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	191838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152225	51.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.660%	
35) Dibromofluoromethane	7.634	113	196146	49.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.680%	
50) Toluene-d8	10.103	98	712492	48.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	12.408	95	195322	39.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.220%	
Target Compounds						Qvalue
16) Acetone	3.873	43	834	Below Cal	#	79
31) Cyclohexane	7.701	56	5817	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	23813	4.505	ug/l #	48
38) Carbon Tetrachloride	7.707	117	31391	4.970	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	2514	1.315	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	94090	57.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	94090	137.892	ug/l #	16

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

Quant Time: Apr 24 03:47:40 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

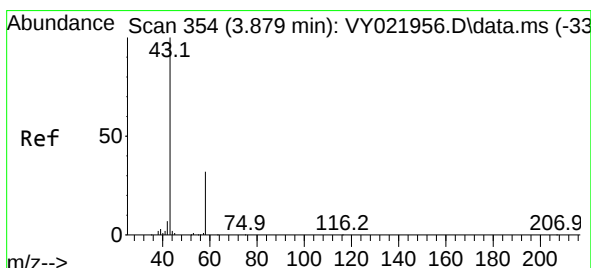
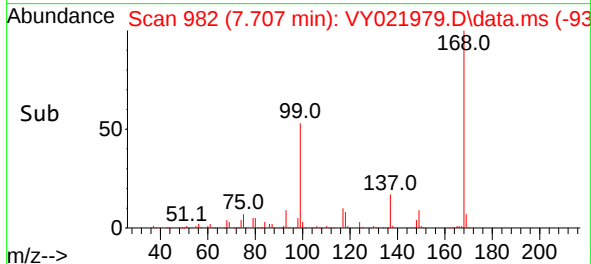
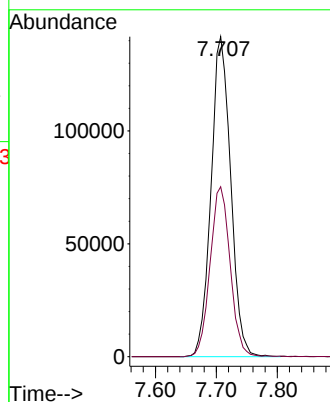
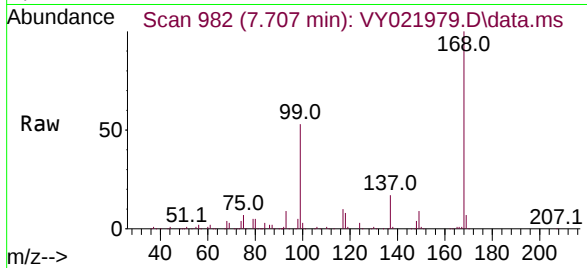




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

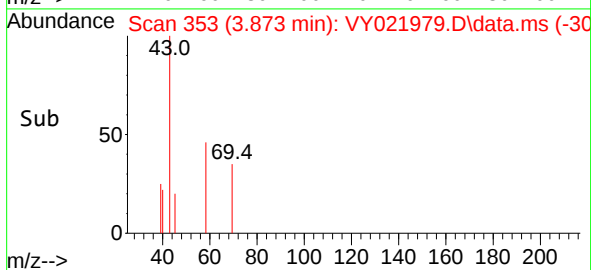
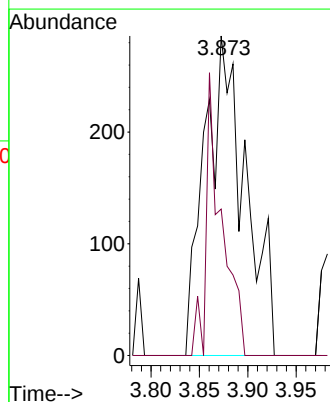
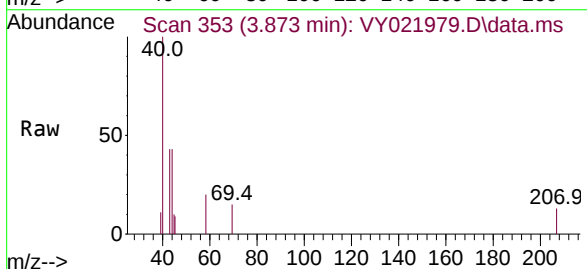
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

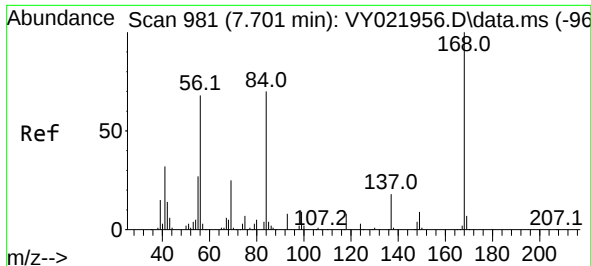
Tgt Ion:168 Resp: 317972
Ion Ratio Lower Upper
168 100
99 53.1 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 45.8 27.0 40.4#

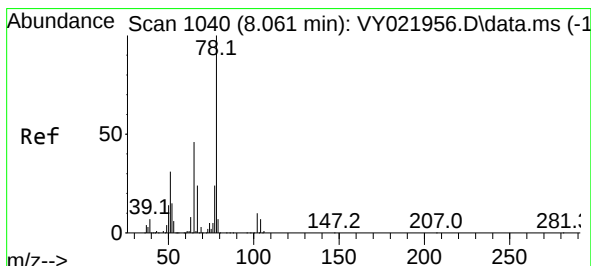
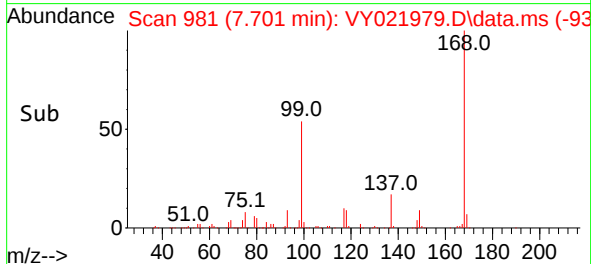
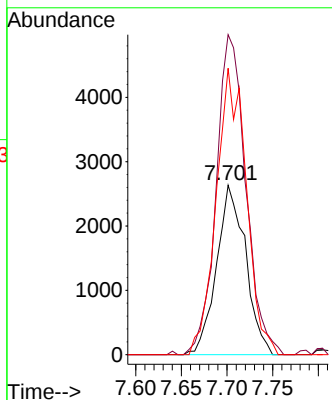
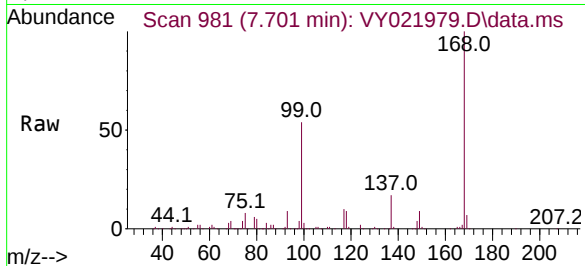




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

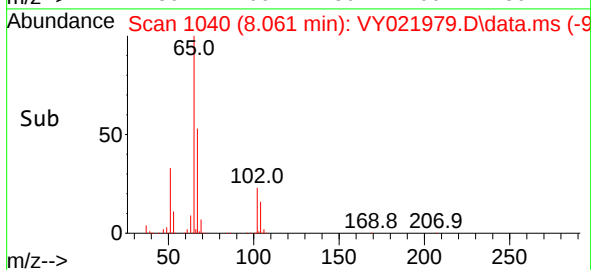
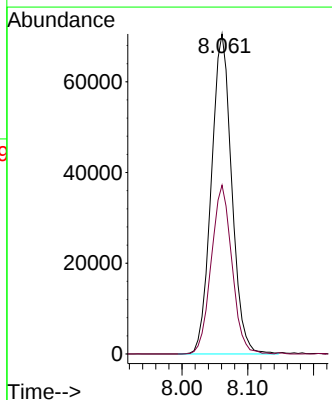
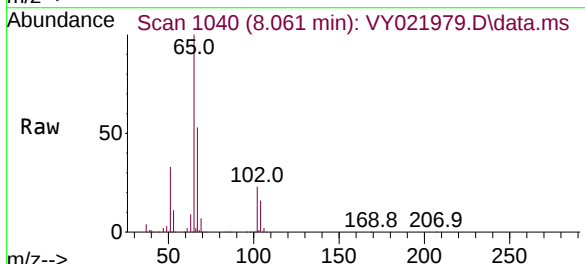
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

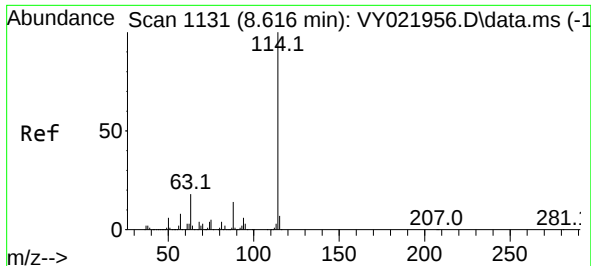
Tgt Ion: 56 Resp: 5817
Ion Ratio Lower Upper
56 100
69 188.8 29.4 44.2#
84 168.9 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 51.829 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

Tgt Ion: 65 Resp: 152225
Ion Ratio Lower Upper
65 100
67 53.4 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: VY021979.D

Acq: 23 Apr 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

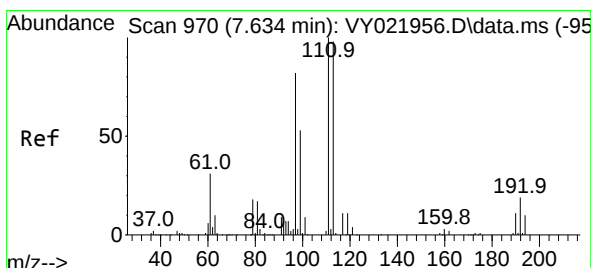
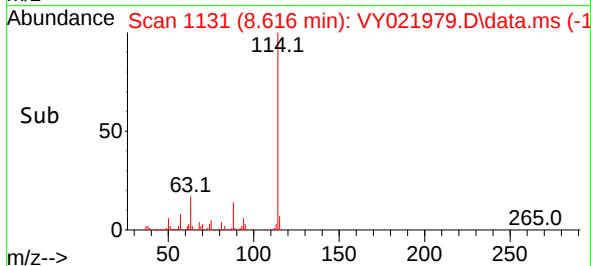
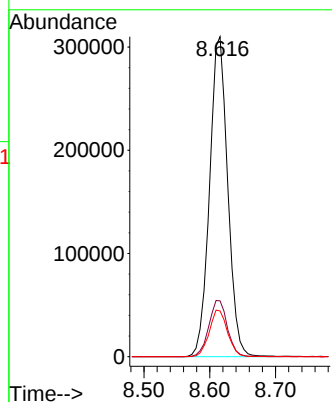
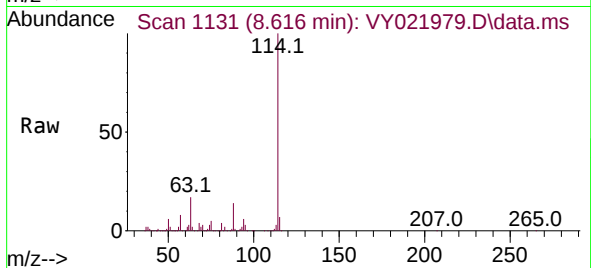
Tgt Ion:114 Resp: 595656

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.844 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021979.D

Acq: 23 Apr 2025 18:11

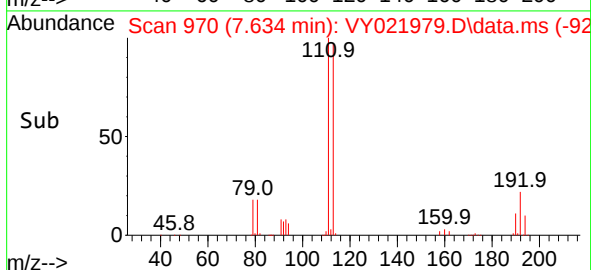
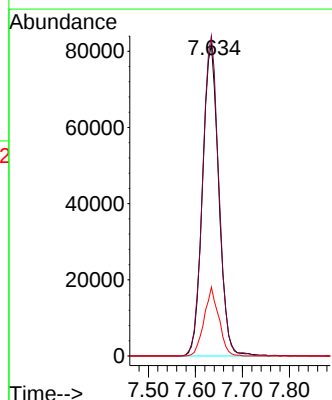
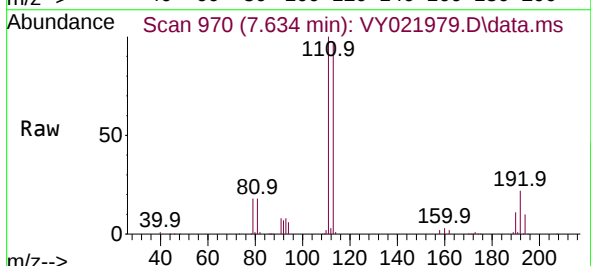
Tgt Ion:113 Resp: 196146

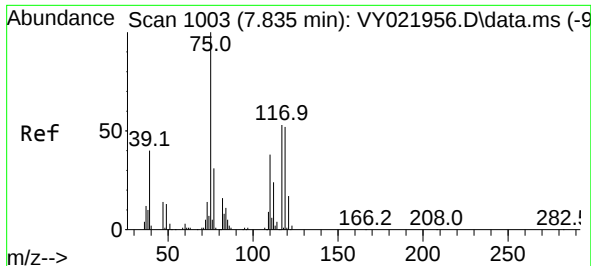
Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 20.0 15.6 23.4

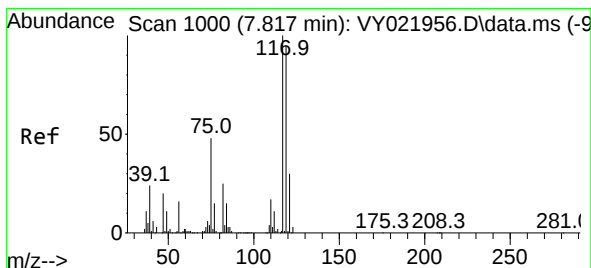
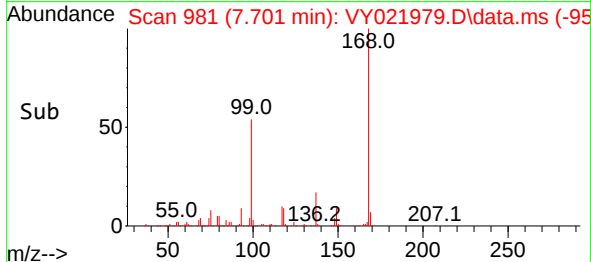
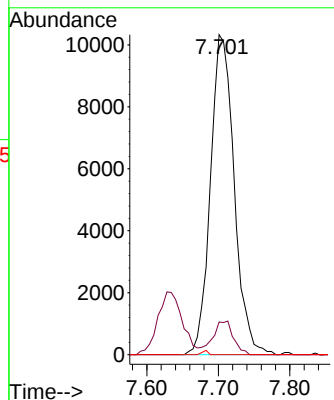
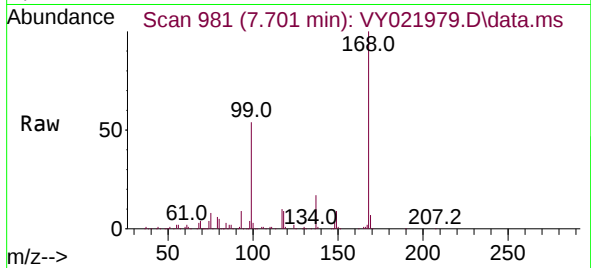




#36
 1,1-Dichloropropene
 Concen: 4.505 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.134 min
 Lab File: VY021979.D
 Acq: 23 Apr 2025 18:11

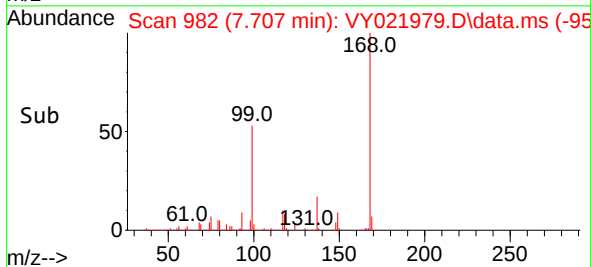
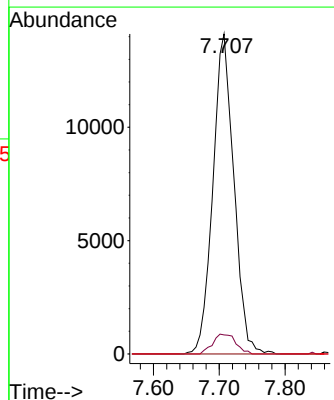
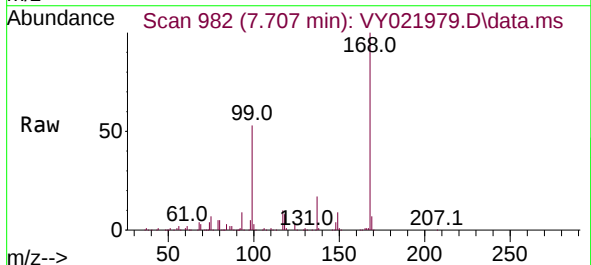
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

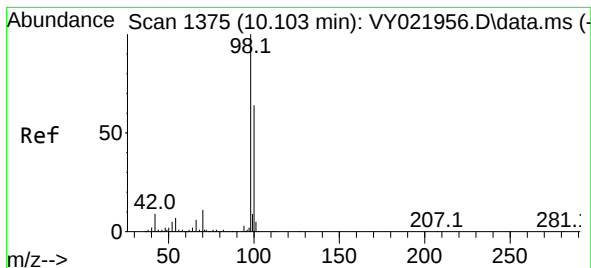
Tgt Ion: 75 Resp: 23813
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.1 57.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.970 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY021979.D
 Acq: 23 Apr 2025 18:11

Tgt Ion: 117 Resp: 31391
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.2 114.4#
 121 0.0 24.0 36.0#

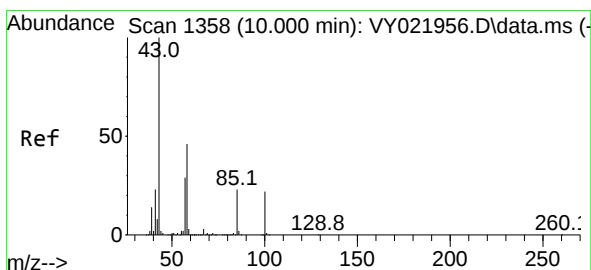
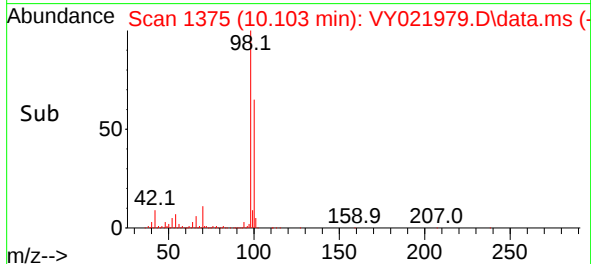
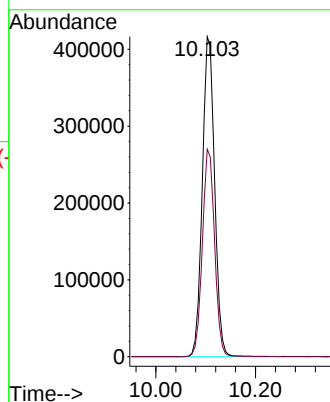
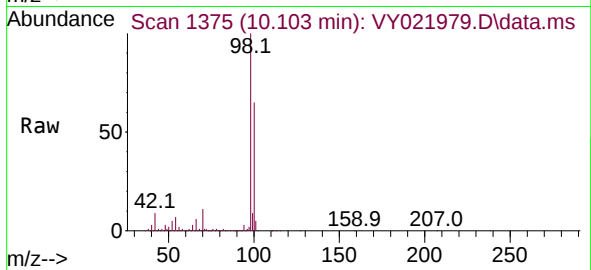




#50
Toluene-d8
Concen: 48.025 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

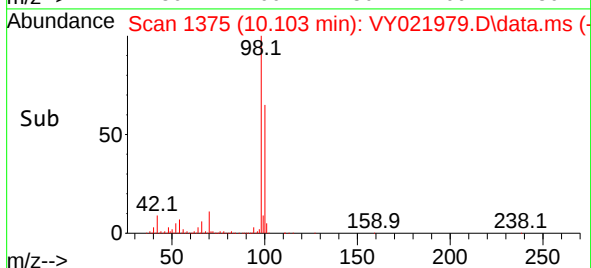
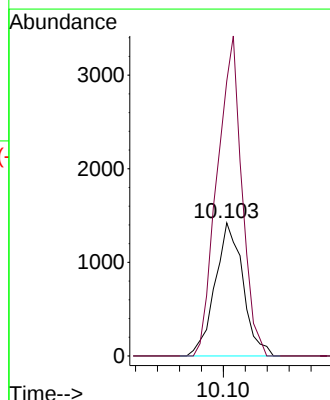
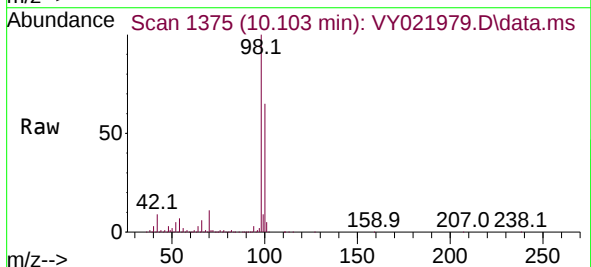
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

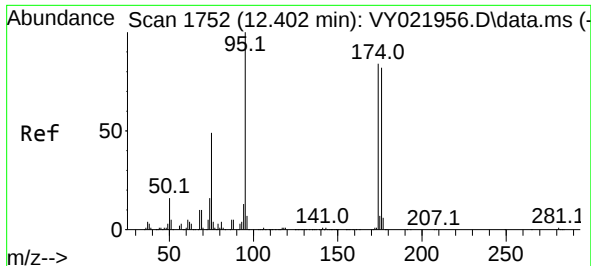
Tgt Ion: 98 Resp: 712492
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.315 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 213.1 36.6 55.0#

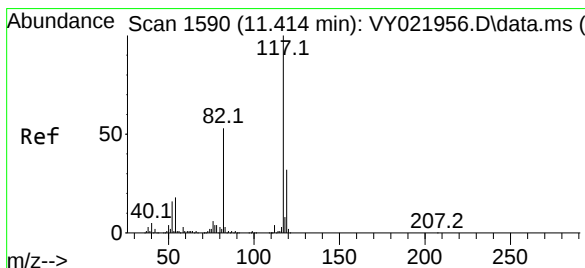
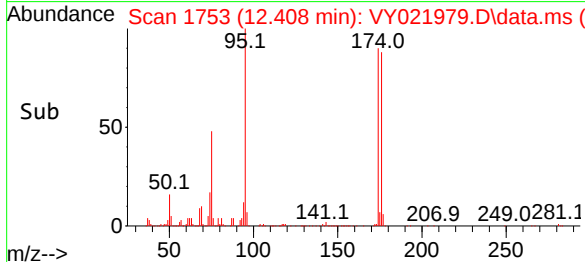
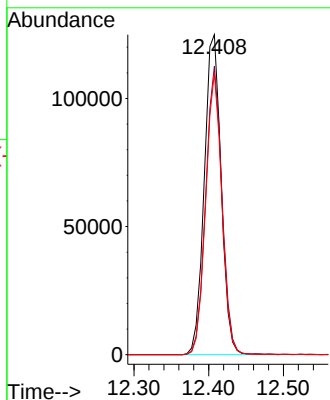
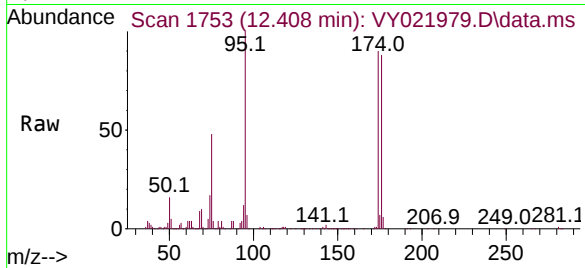




#62
4-Bromofluorobenzene
Concen: 39.109 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

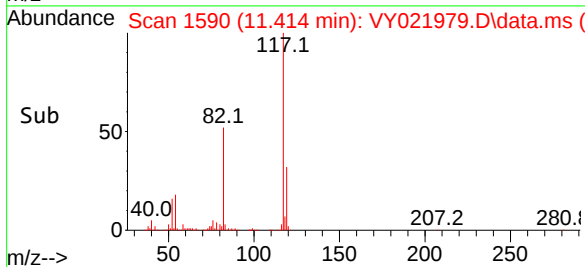
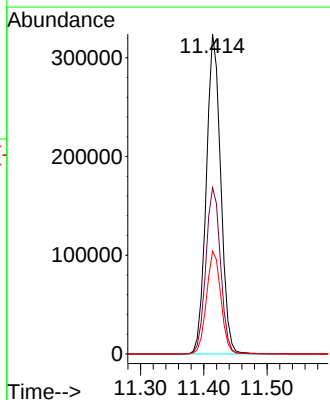
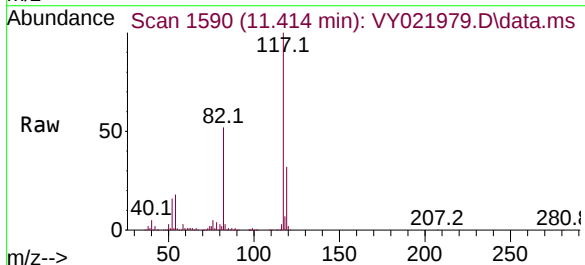
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

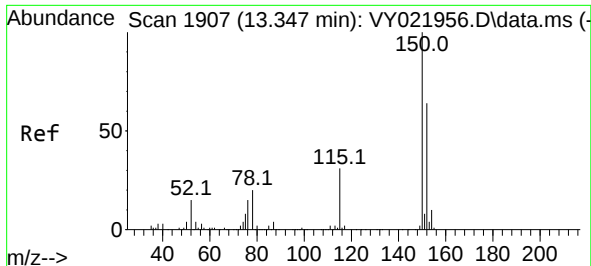
Tgt Ion: 95 Resp: 195322
Ion Ratio Lower Upper
95 100
174 87.7 0.0 179.0
176 84.1 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021979.D
Acq: 23 Apr 2025 18:11

Tgt Ion: 117 Resp: 514825
Ion Ratio Lower Upper
117 100
82 52.0 42.1 63.1
119 32.1 25.7 38.5

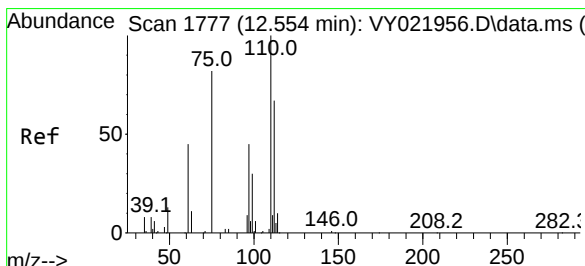
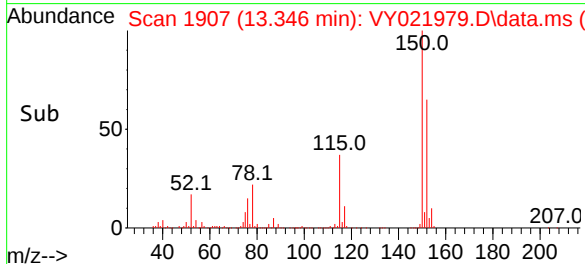
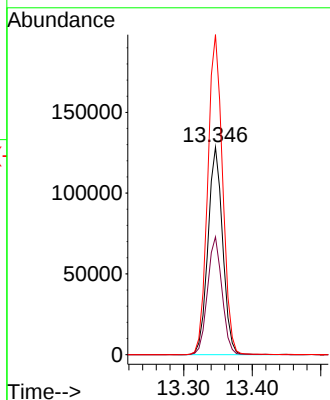
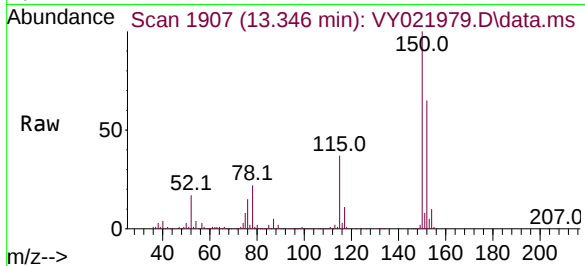




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021979.D
 Acq: 23 Apr 2025 18:11

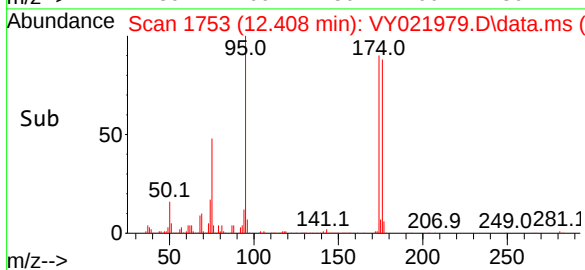
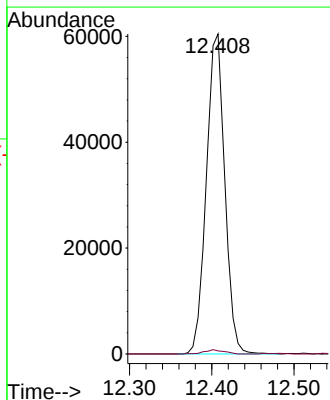
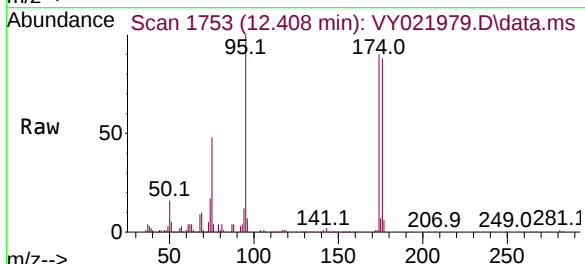
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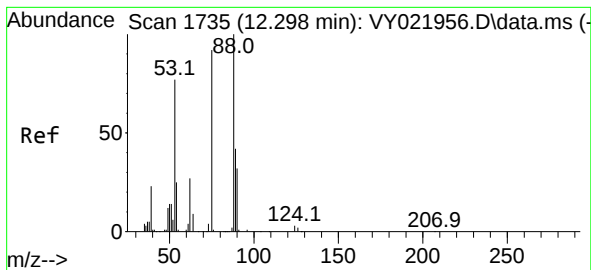
Tgt Ion:152 Resp: 191838
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.0 84.0
 150 156.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 57.261 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021979.D
 Acq: 23 Apr 2025 18:11

Tgt Ion: 75 Resp: 94090
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.892 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY021979.D
 Acq: 23 Apr 2025 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Tgt Ion: 75 Resp: 94090
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.0 99.0#
 89 0.0 37.2 55.8#

