

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021963.D
 Acq On : 23 Apr 2025 10:31
 Operator : SY/MD
 Sample : VY0423SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBL01

Quant Time: Apr 24 03:44:43 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)

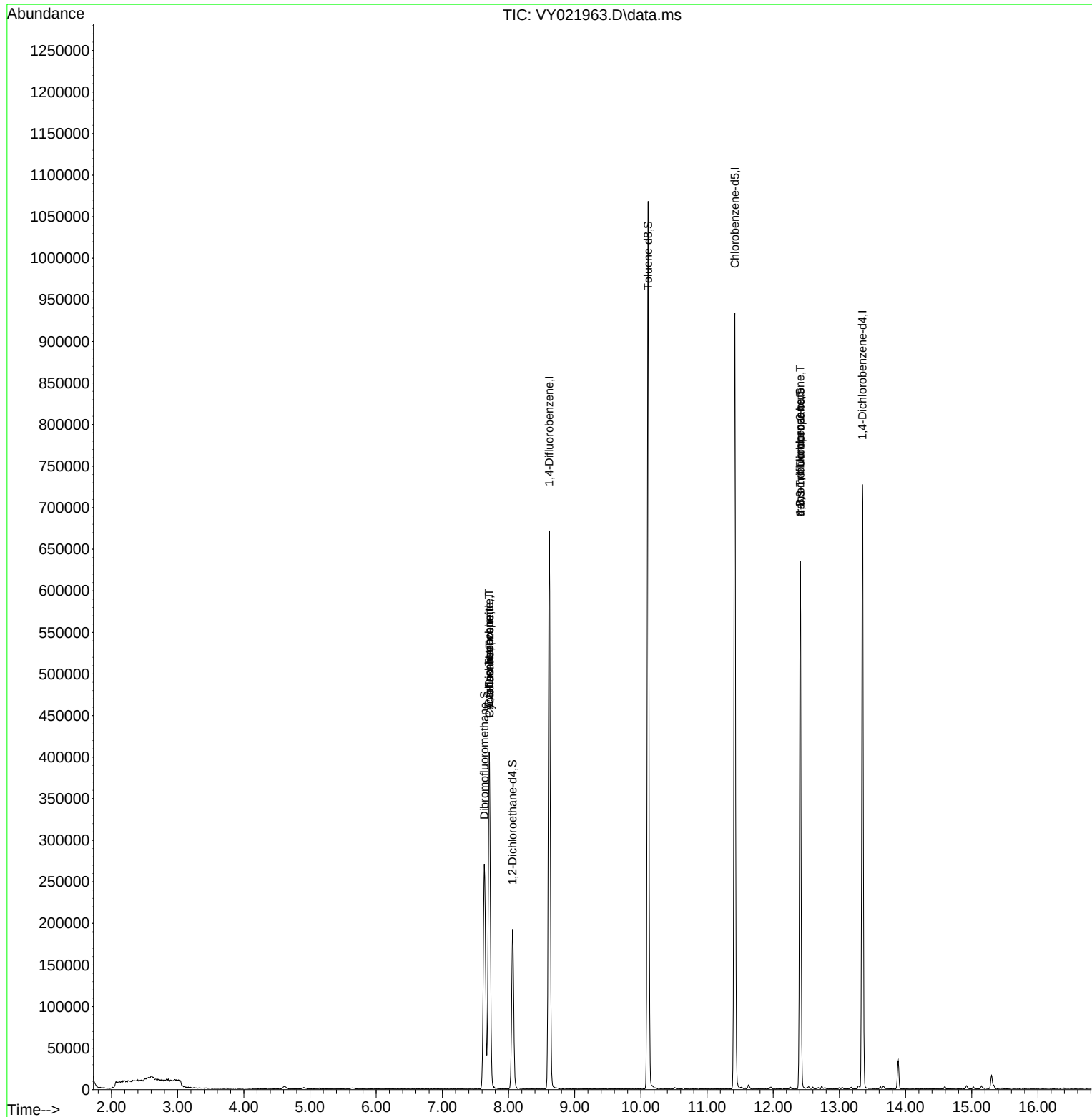
Internal Standards						
1) Pentafluorobenzene	7.713	168	319981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	599033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	525205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	194434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151146	51.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.280%	
35) Dibromofluoromethane	7.634	113	197999	50.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.060%	
50) Toluene-d8	10.109	98	710393	47.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.408	95	193641	38.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	626	Below Cal	#	87
31) Cyclohexane	7.713	56	6164	1.262	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	23230	4.370	ug/l #	48
38) Carbon Tetrachloride	7.707	117	32421	5.104	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	94211	56.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	94211	136.226	ug/l #	16

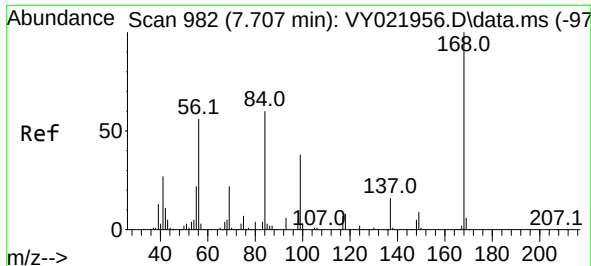
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Quant Time: Apr 24 03:44:43 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

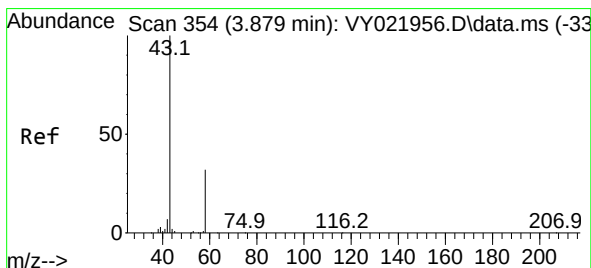
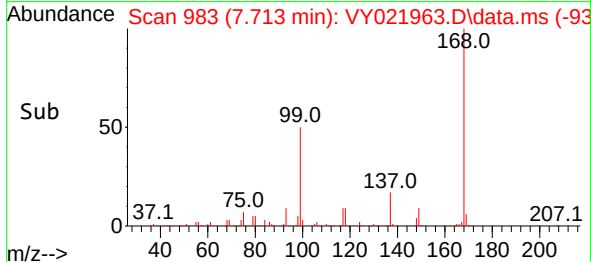
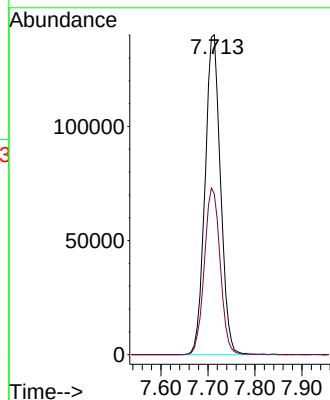
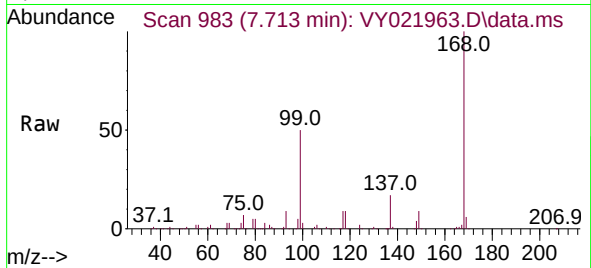




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

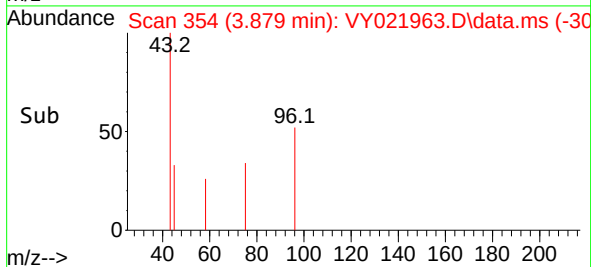
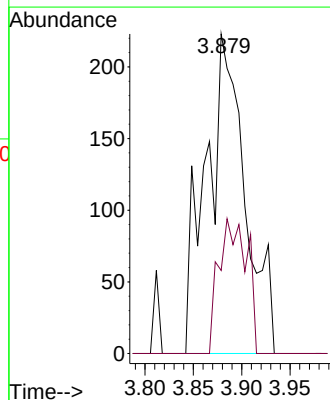
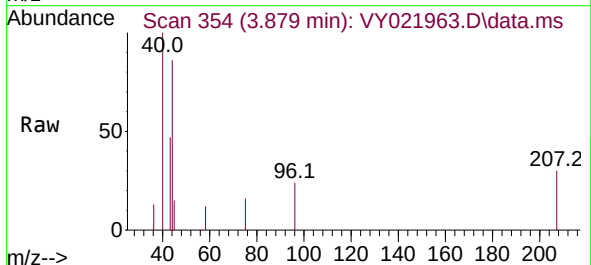
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

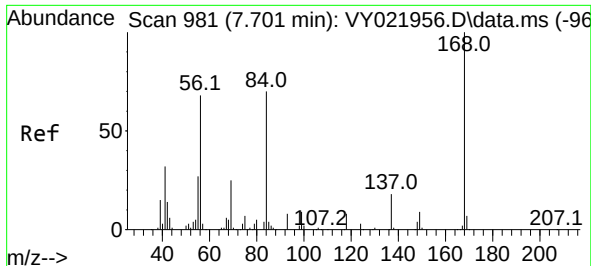
Tgt Ion:168 Resp: 319981
Ion Ratio Lower Upper
168 100
99 50.2 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 26.0 27.0 40.4#

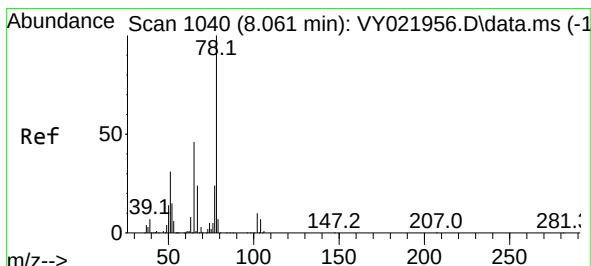
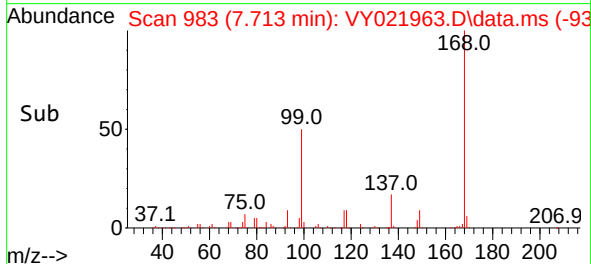
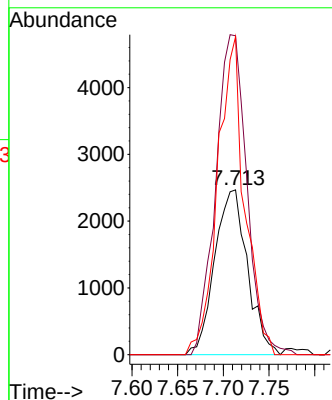
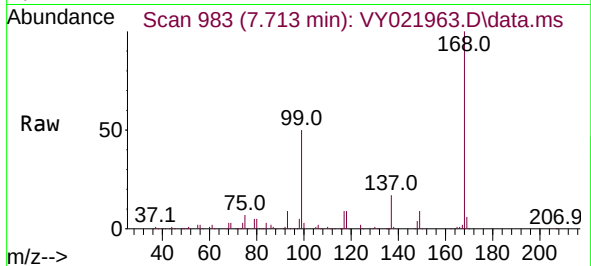




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

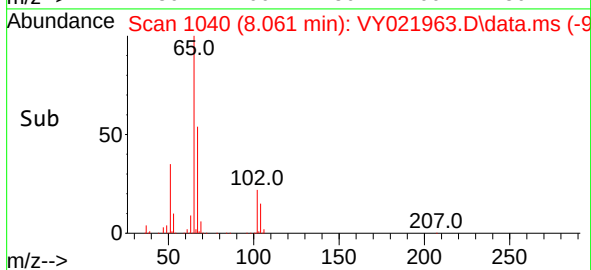
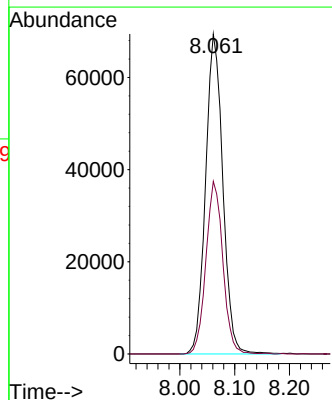
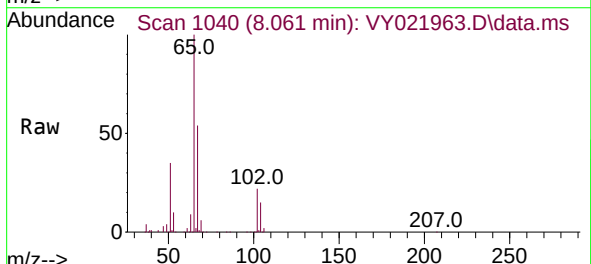
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

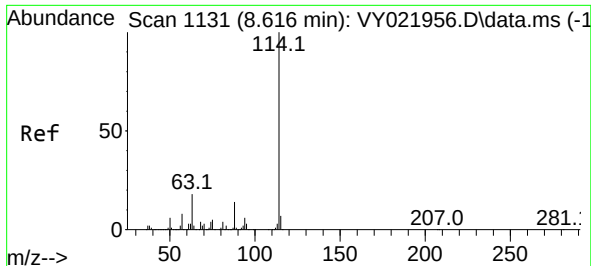
Tgt Ion: 56 Resp: 6164
Ion Ratio Lower Upper
56 100
69 193.6 29.4 44.2#
84 193.0 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 51.139 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 65 Resp: 151146
Ion Ratio Lower Upper
65 100
67 53.0 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: VY021963.D

Acq: 23 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBL01

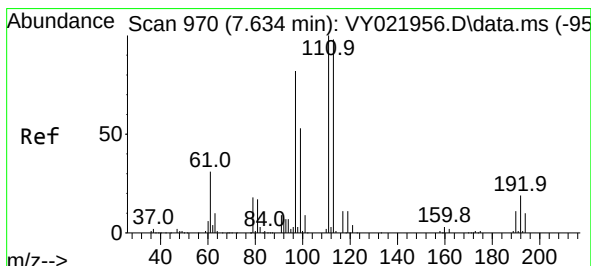
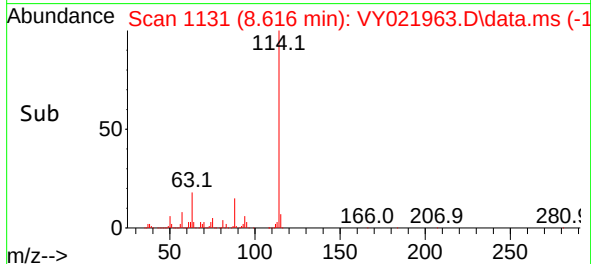
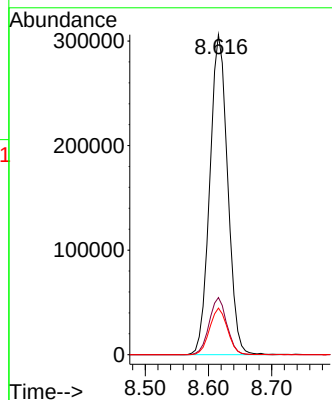
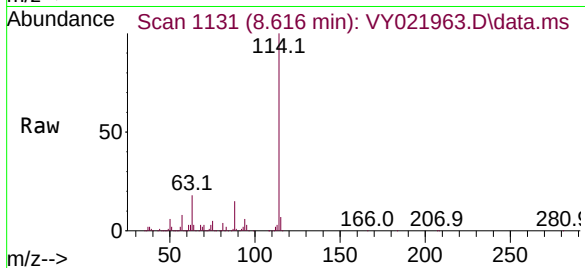
Tgt Ion:114 Resp: 599033

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.031 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021963.D

Acq: 23 Apr 2025 10:31

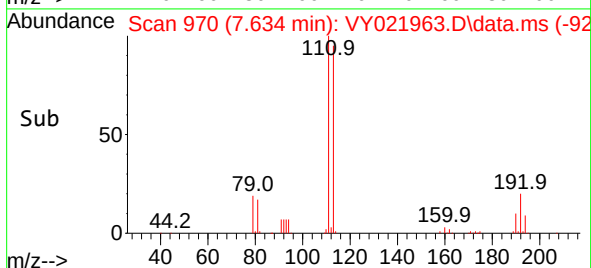
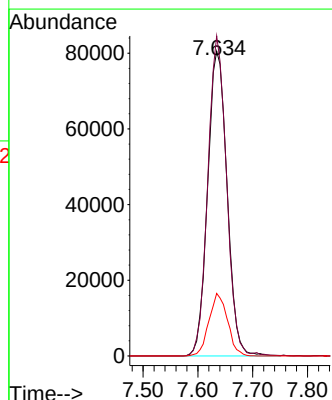
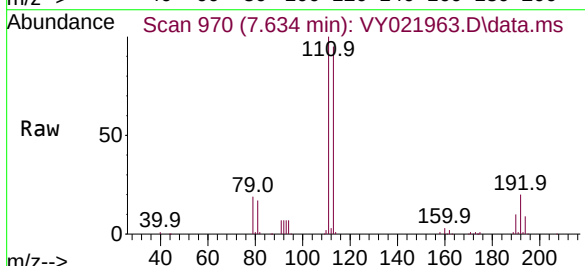
Tgt Ion:113 Resp: 197999

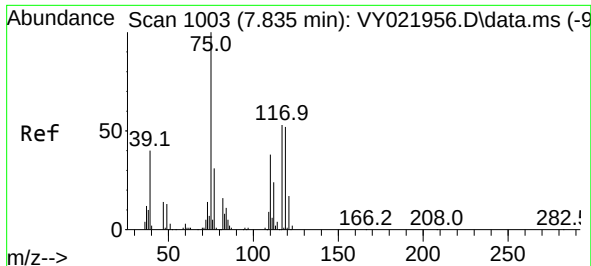
Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.8

192 19.6 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.370 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021963.D

Acq: 23 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBL01

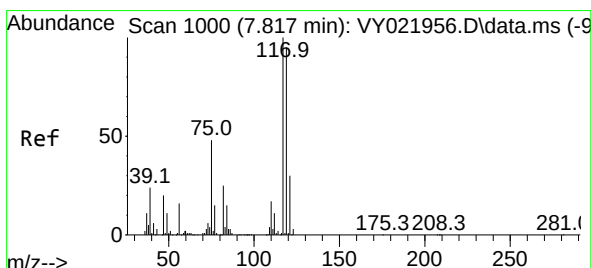
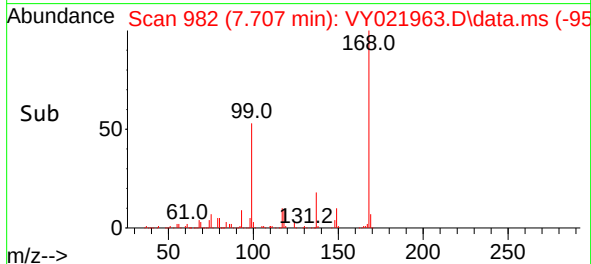
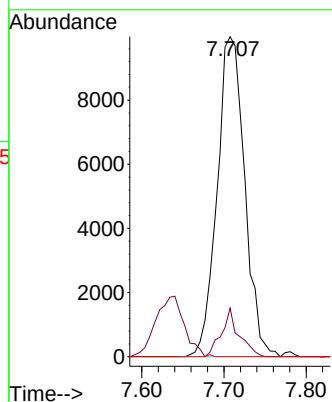
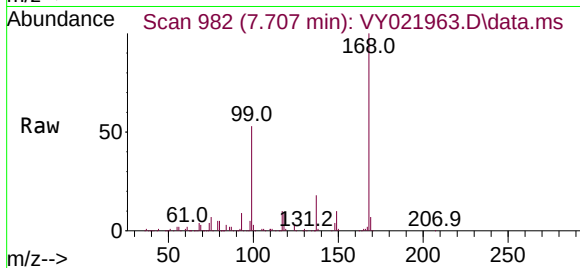
Tgt Ion: 75 Resp: 23230

Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 5.104 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021963.D

Acq: 23 Apr 2025 10:31

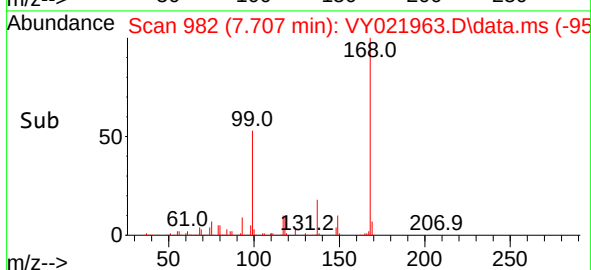
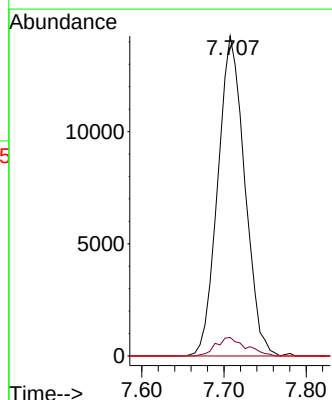
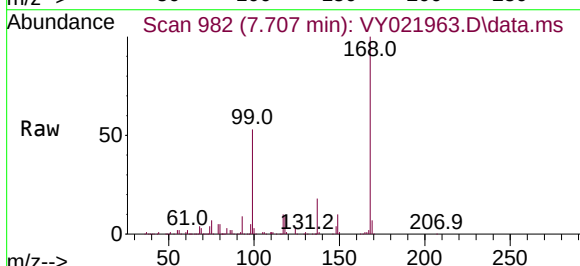
Tgt Ion: 117 Resp: 32421

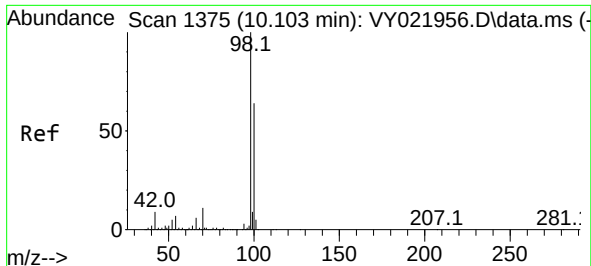
Ion Ratio Lower Upper

117 100

119 5.8 76.2 114.4#

121 0.0 24.0 36.0#

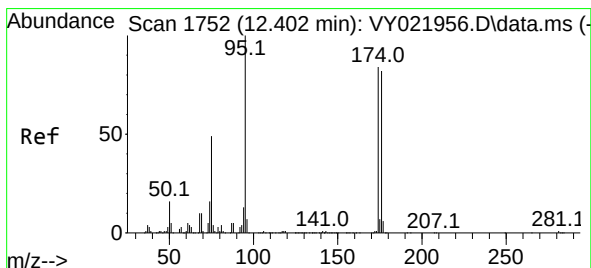
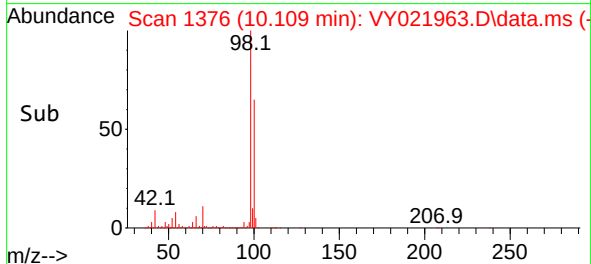
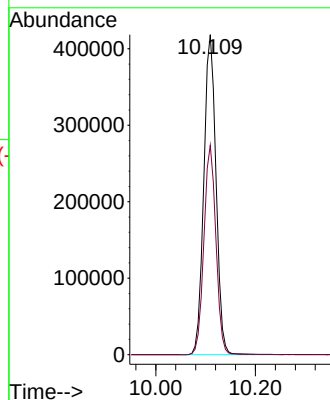
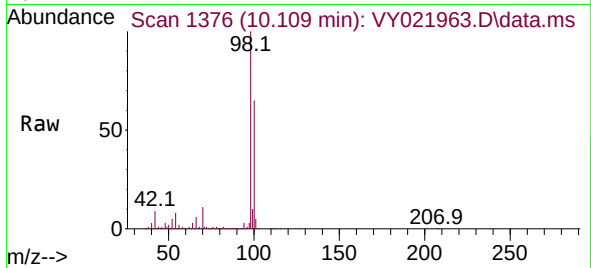




#50
Toluene-d8
Concen: 47.614 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

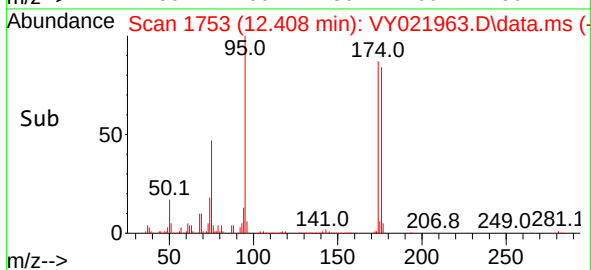
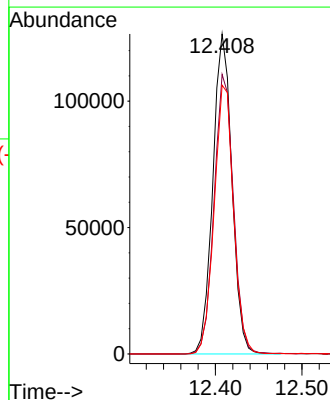
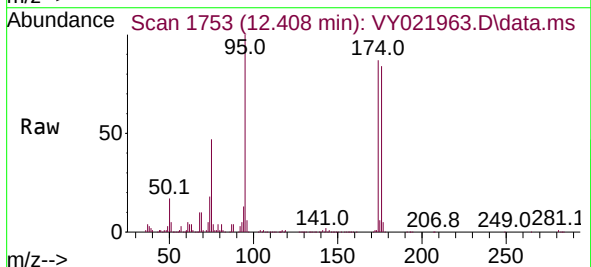
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

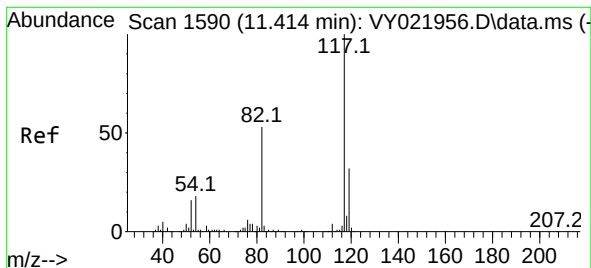
Tgt Ion: 98 Resp: 710393
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.554 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 95 Resp: 193641
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.0
176 85.6 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021963.D

Acq: 23 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBL01

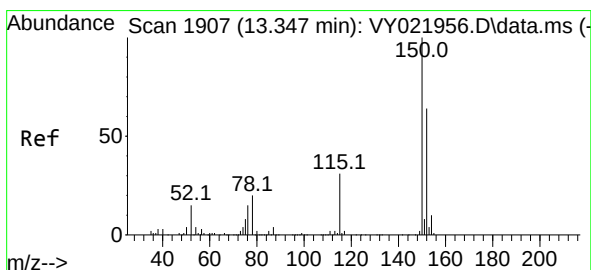
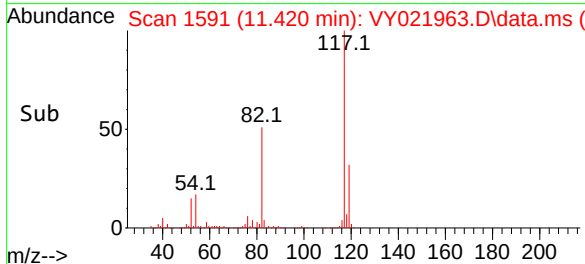
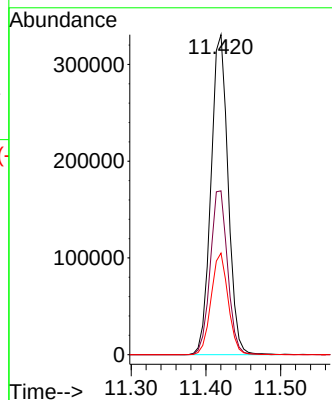
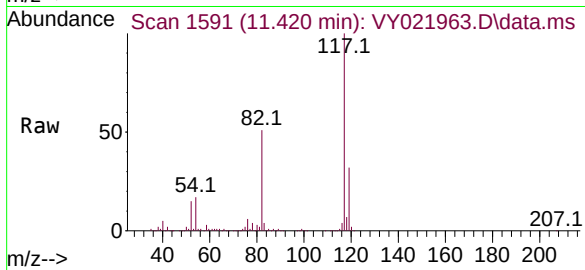
Tgt Ion:117 Resp: 525205

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

119 31.7 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: VY021963.D

Acq: 23 Apr 2025 10:31

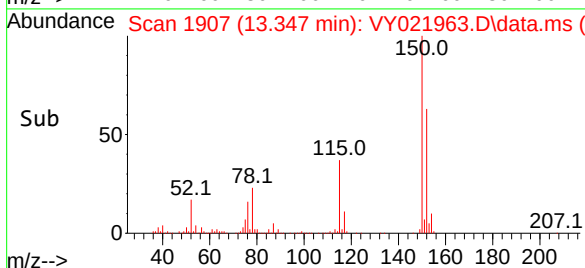
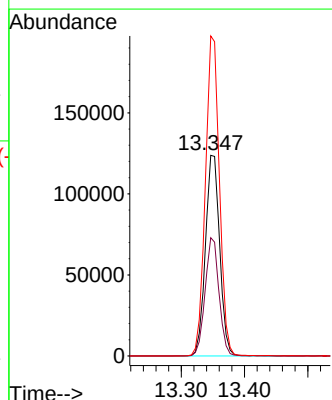
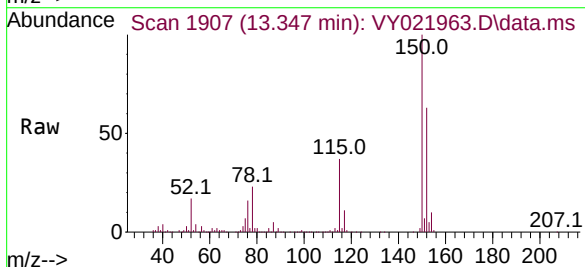
Tgt Ion:152 Resp: 194434

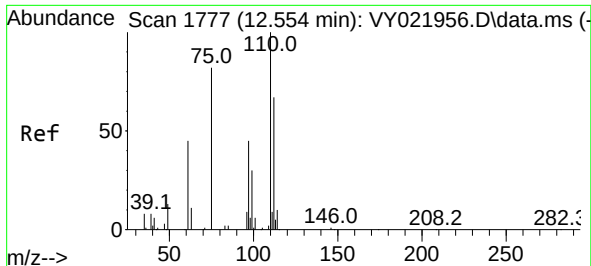
Ion Ratio Lower Upper

152 100

115 57.4 28.0 84.0

150 157.0 0.0 345.6

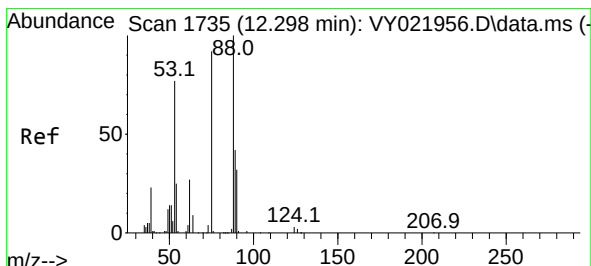
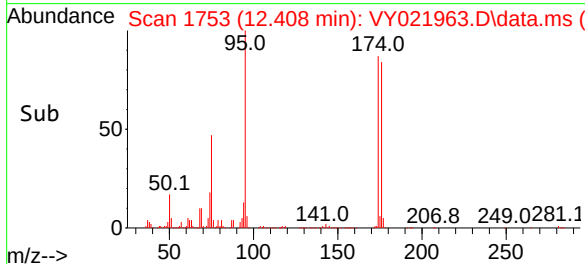
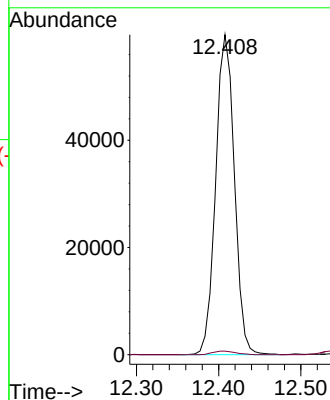
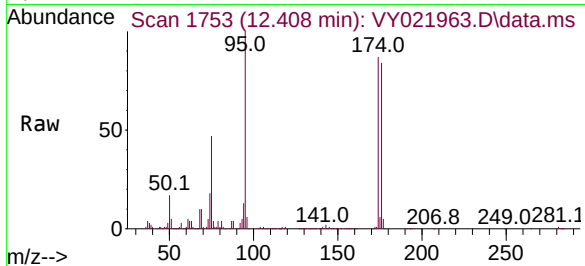




#76
1,2,3-Trichloropropane
Concen: 56.569 ug/l
RT: 12.408 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Tgt Ion: 75 Resp: 94211
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.226 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 75 Resp: 94211
Ion Ratio Lower Upper
75 100
53 0.4 66.0 99.0#
89 0.0 37.2 55.8#

