

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021131.D
 Acq On : 07 Feb 2025 10:08
 Operator : SY/MD
 Sample : VY0207SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBL01

Quant Time: Feb 08 02:36:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

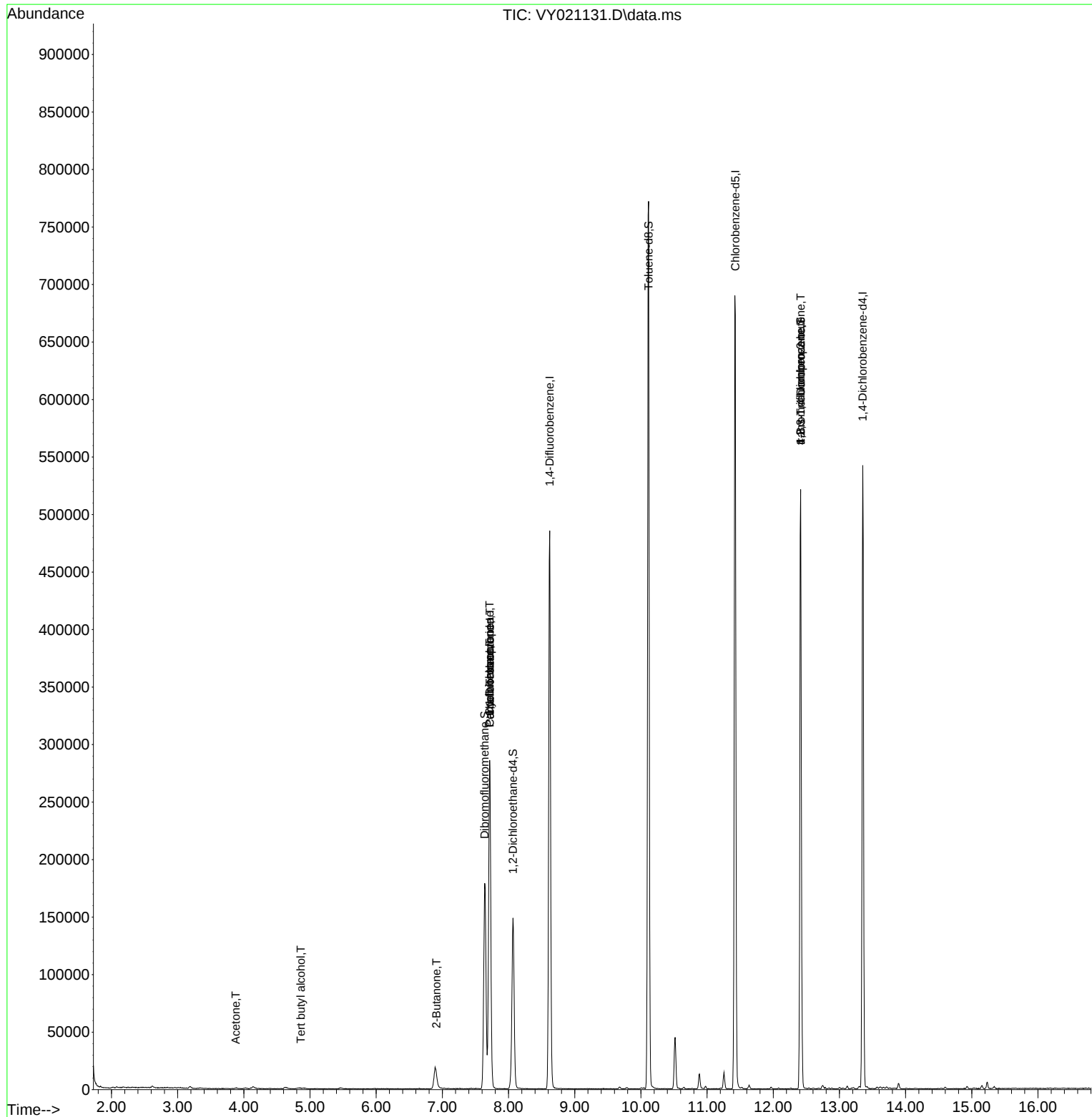
Internal Standards						
1) Pentafluorobenzene	7.719	168	222650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	403911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	364645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	133881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	116979	51.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.560%	
35) Dibromofluoromethane	7.640	113	127961	49.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.860%	
50) Toluene-d8	10.115	98	488700	49.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.414	95	153343	47.630	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	1034	6.689	ug/l #	75
16) Acetone	3.879	43	1149	3.230	ug/l	89
25) 2-Butanone	6.909	43	1447	2.475	ug/l #	48
31) Cyclohexane	7.713	56	4867	1.251	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	17805	4.644	ug/l #	52
38) Carbon Tetrachloride	7.719	117	22585	5.041	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	83709	68.927	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	83709	140.643	ug/l #	12

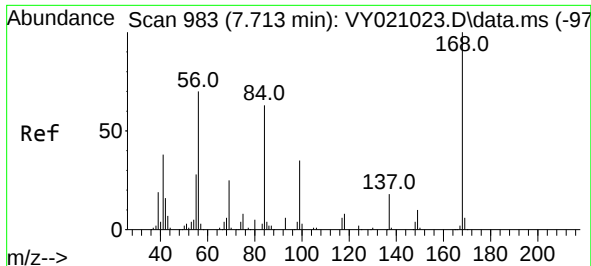
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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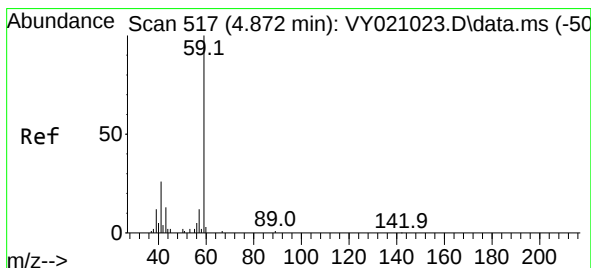
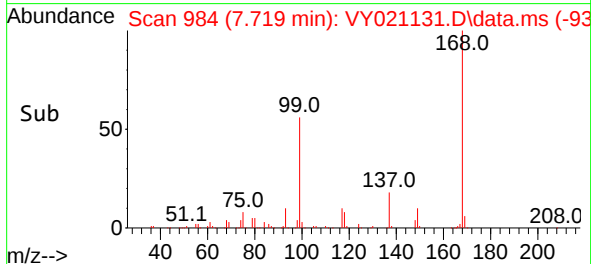
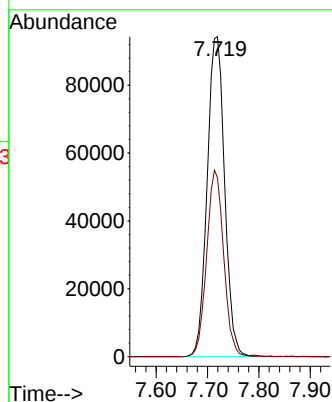
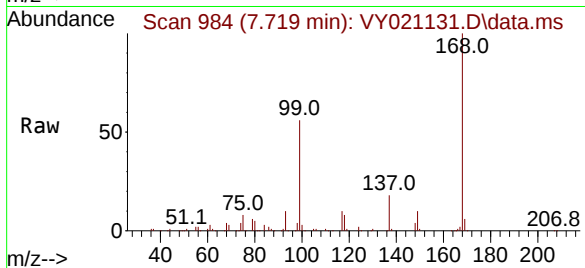




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

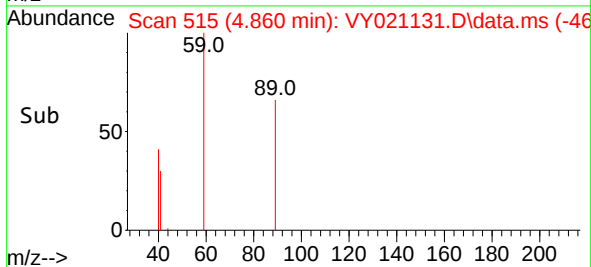
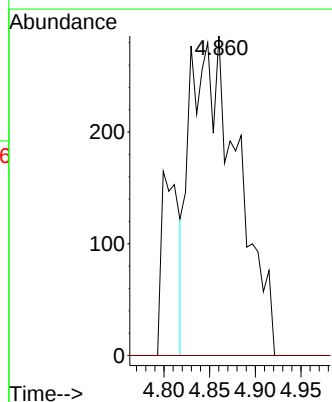
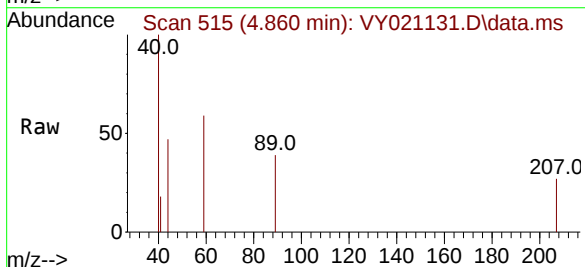
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

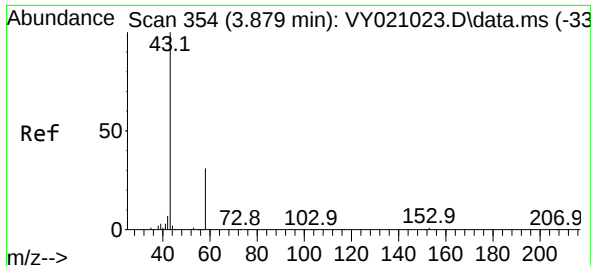
Tgt Ion:168 Resp: 222650
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 6.689 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

Tgt Ion: 59 Resp: 1034
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

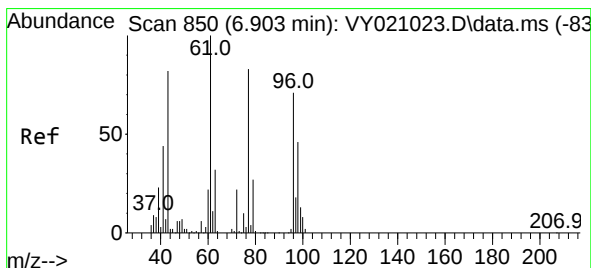
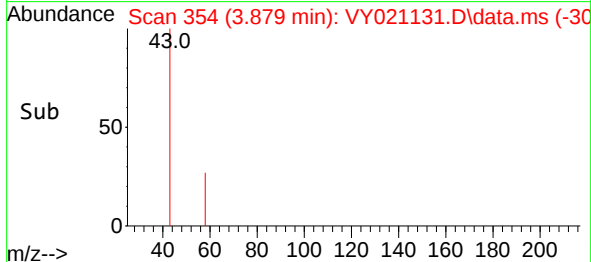
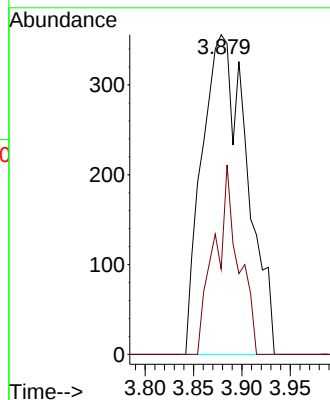
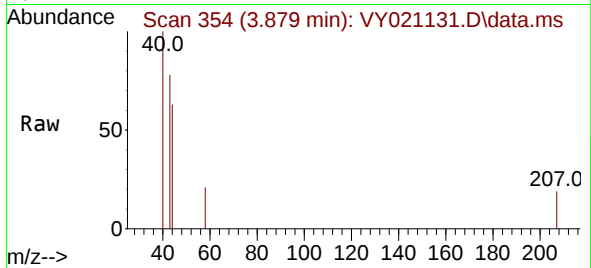




#16
Acetone
Concen: 3.230 ug/l
RT: 3.879 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

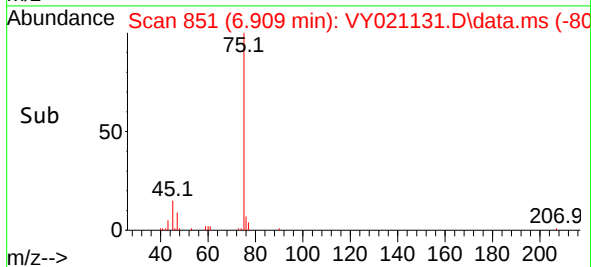
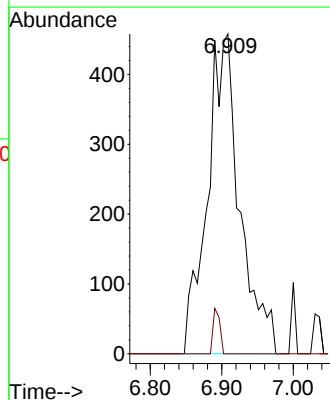
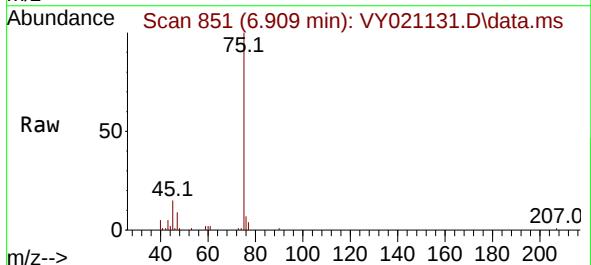
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

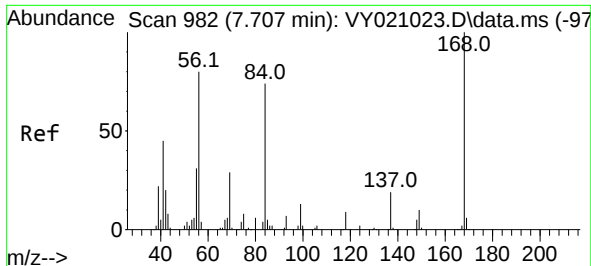
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 26.7 26.6 39.8



#25
2-Butanone
Concen: 2.475 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

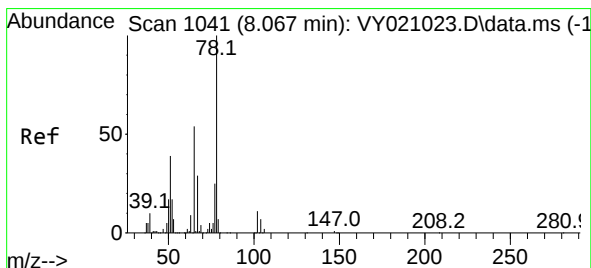
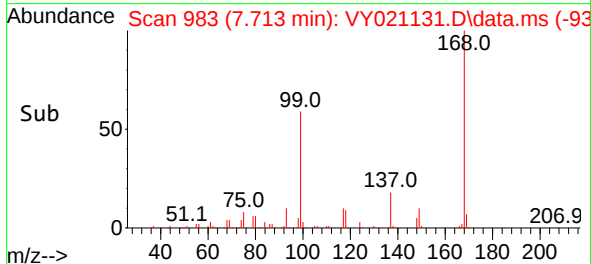
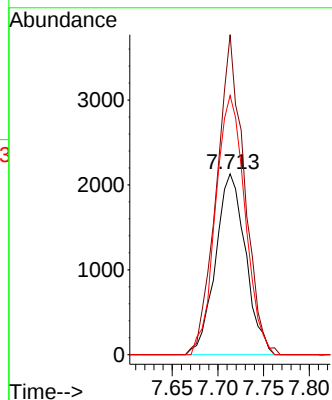
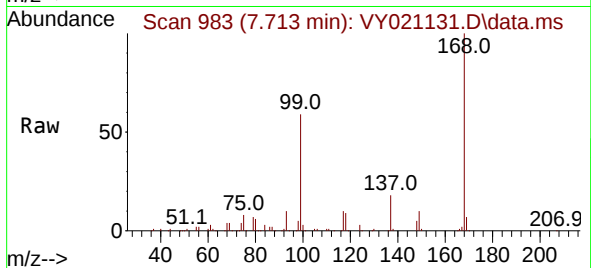




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

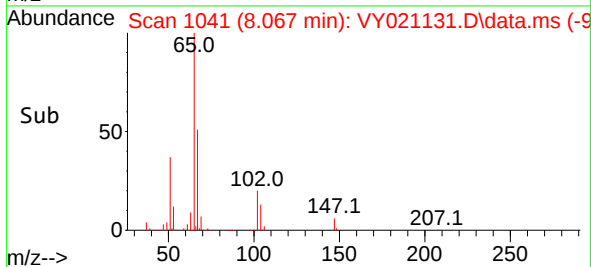
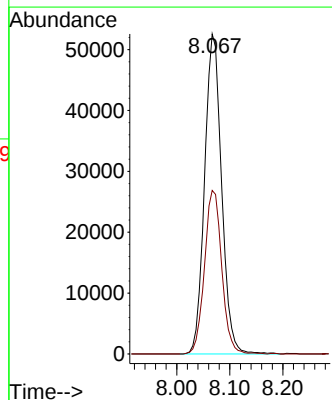
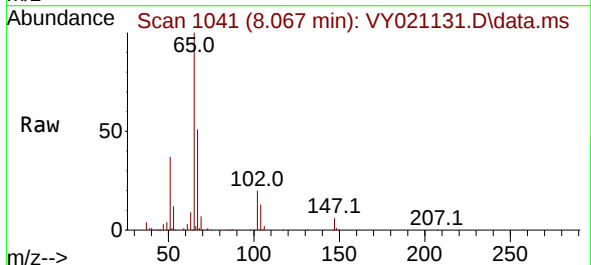
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

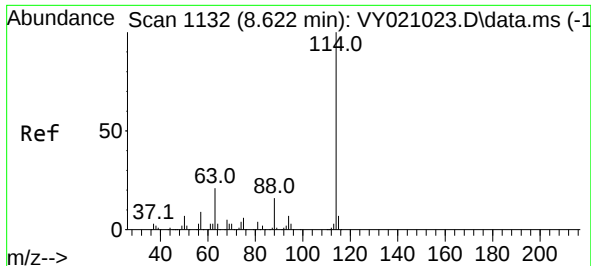
Tgt Ion: 56 Resp: 4867
Ion Ratio Lower Upper
56 100
69 177.0 27.0 40.6#
84 143.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.279 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

Tgt Ion: 65 Resp: 116979
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021131.D

Acq: 07 Feb 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBL01

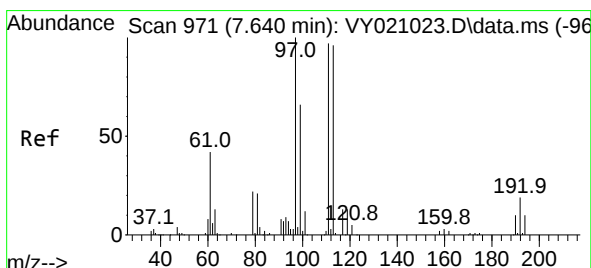
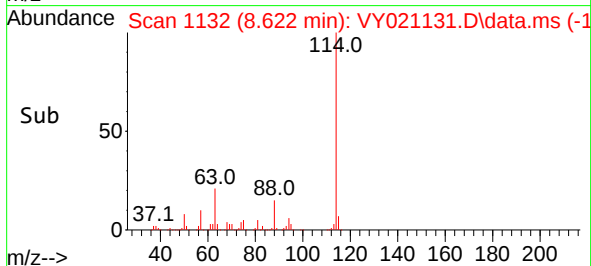
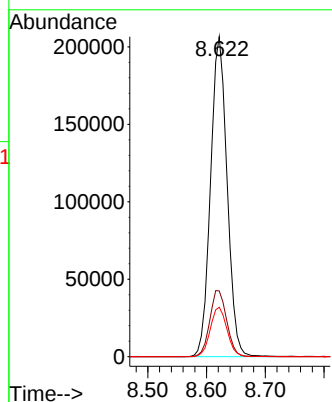
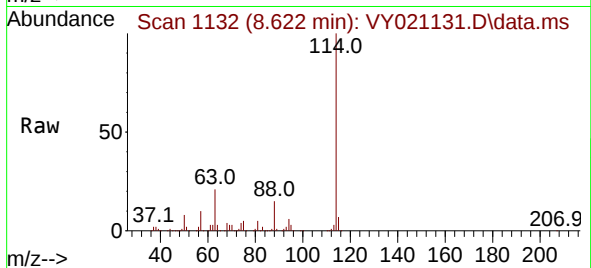
Tgt Ion:114 Resp: 403911

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.434 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021131.D

Acq: 07 Feb 2025 10:08

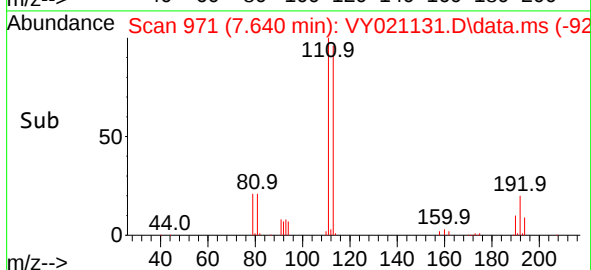
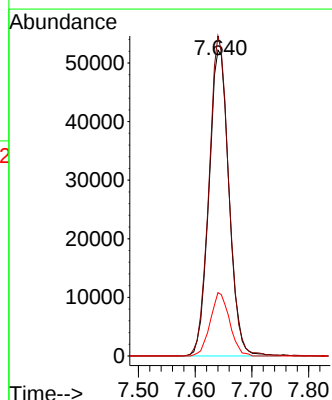
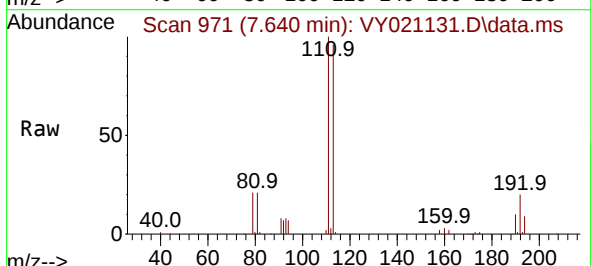
Tgt Ion:113 Resp: 127961

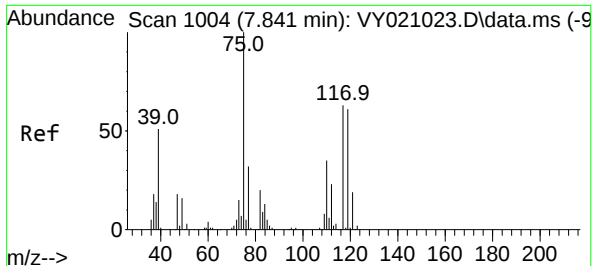
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 20.0 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.644 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY021131.D

Acq: 07 Feb 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBL01

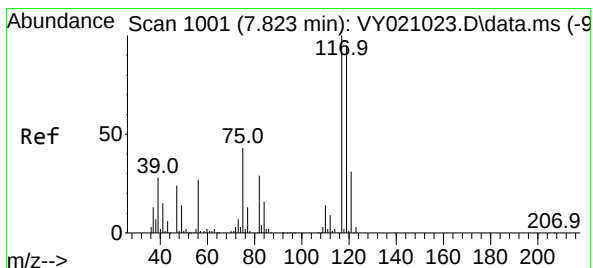
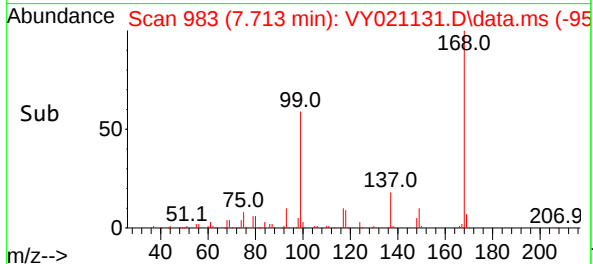
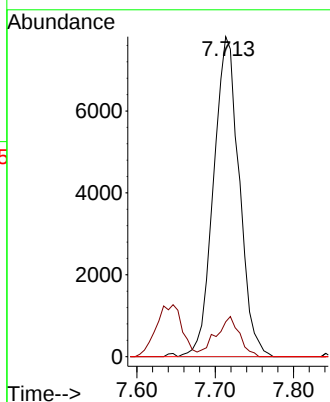
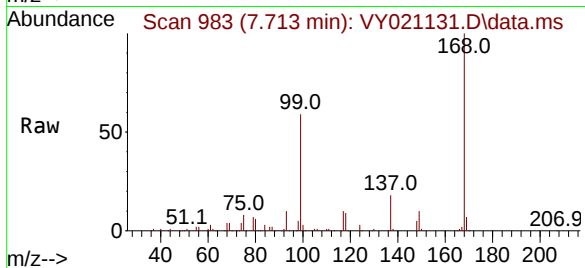
Tgt Ion: 75 Resp: 17805

Ion Ratio Lower Upper

75 100

110 11.5 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.041 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021131.D

Acq: 07 Feb 2025 10:08

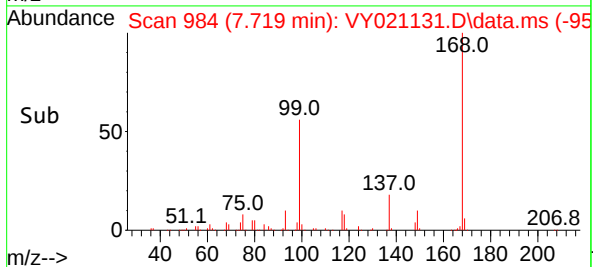
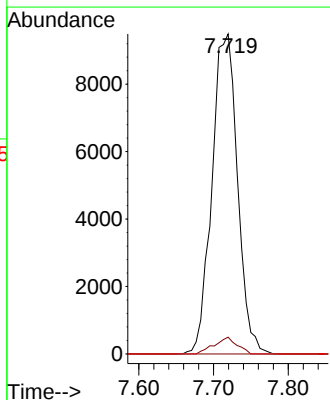
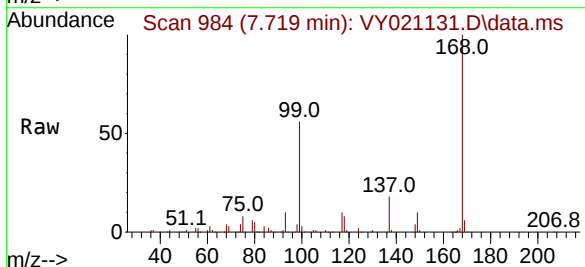
Tgt Ion: 117 Resp: 22585

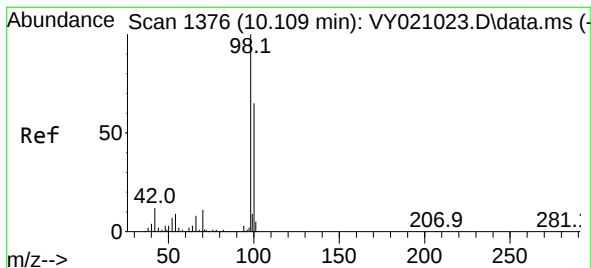
Ion Ratio Lower Upper

117 100

119 5.2 76.0 114.0#

121 0.0 24.2 36.2#

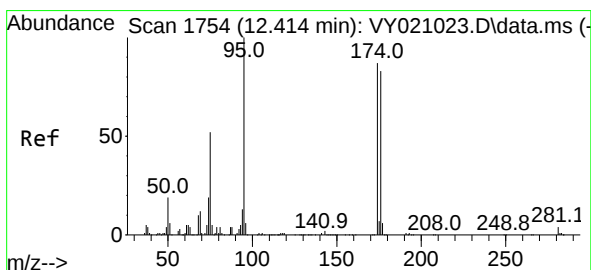
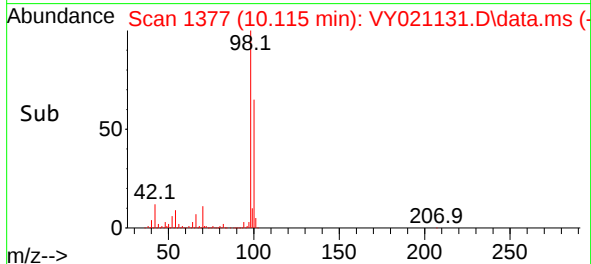
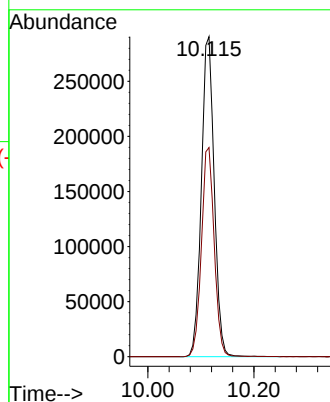
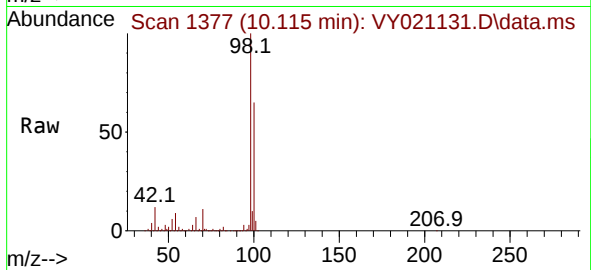




#50
Toluene-d8
Concen: 49.590 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

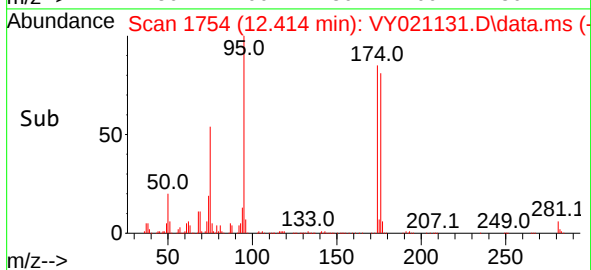
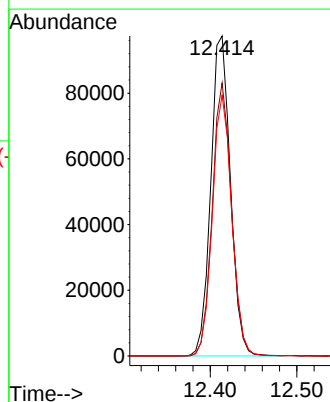
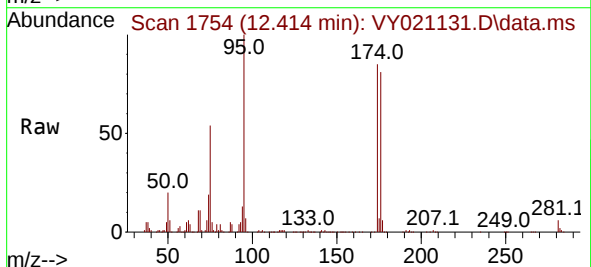
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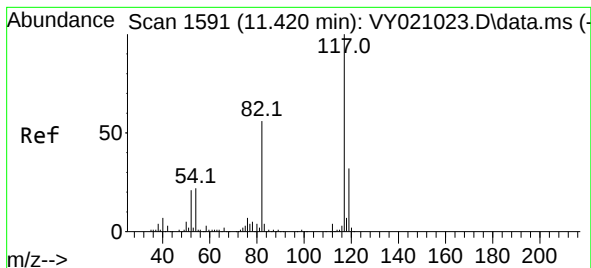
Tgt Ion: 98 Resp: 488700
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

Tgt Ion: 95 Resp: 153343
Ion Ratio Lower Upper
95 100
174 83.6 0.0 160.0
176 80.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021131.D

Acq: 07 Feb 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBL01

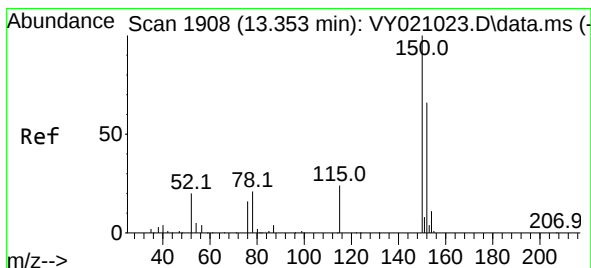
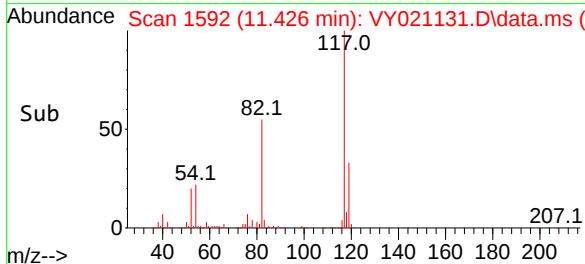
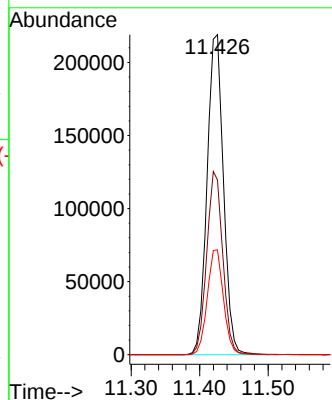
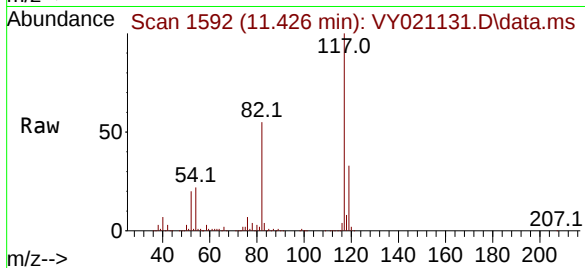
Tgt Ion:117 Resp: 364645

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 32.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021131.D

Acq: 07 Feb 2025 10:08

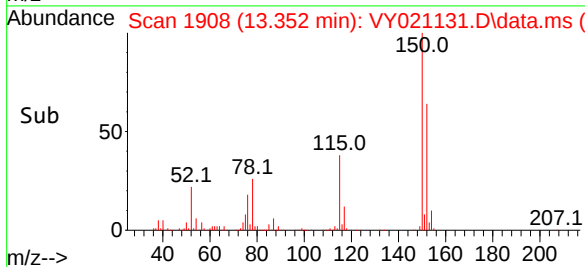
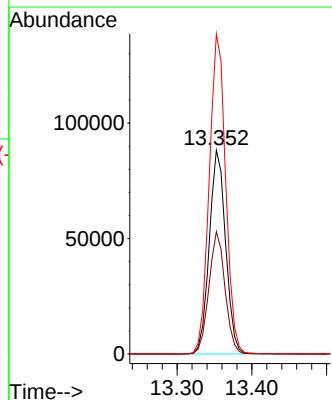
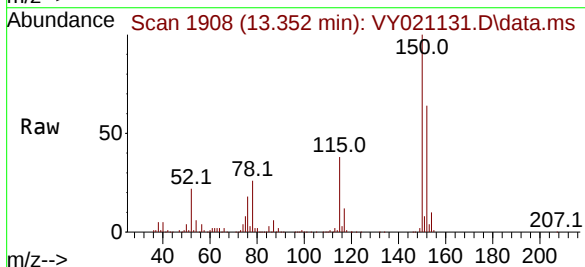
Tgt Ion:152 Resp: 133881

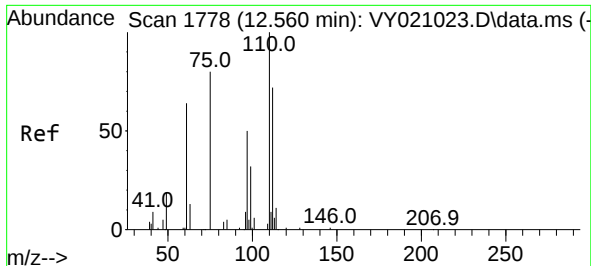
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 157.7 0.0 344.6

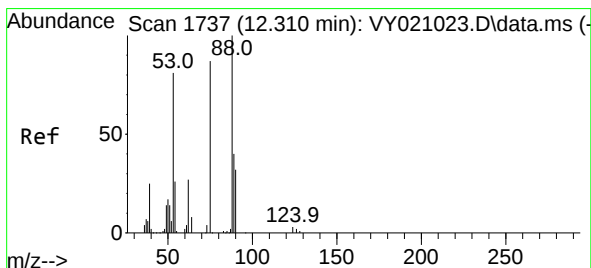
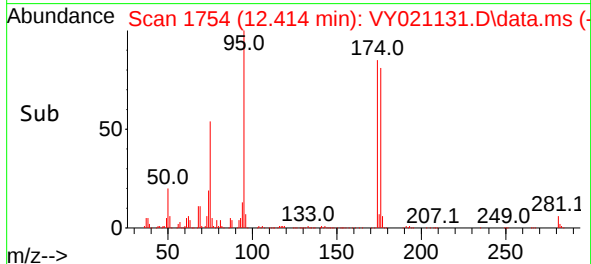
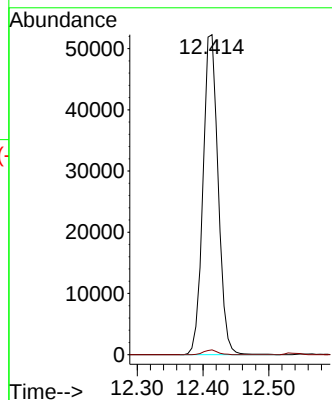
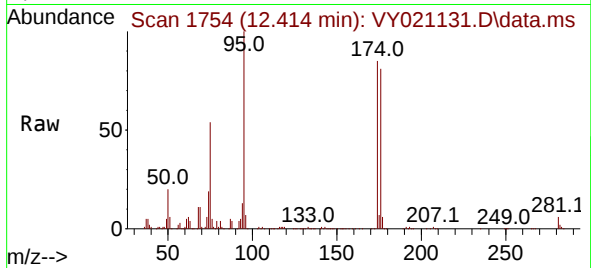




#76
1,2,3-Trichloropropane
Concen: 68.927 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.147 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

Tgt Ion: 75 Resp: 83709
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.643 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021131.D
Acq: 07 Feb 2025 10:08

Tgt Ion: 75 Resp: 83709
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

