

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021230.D
 Acq On : 18 Feb 2025 15:05
 Operator : SY/MD
 Sample : Q1385-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 19 04:14:47 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)

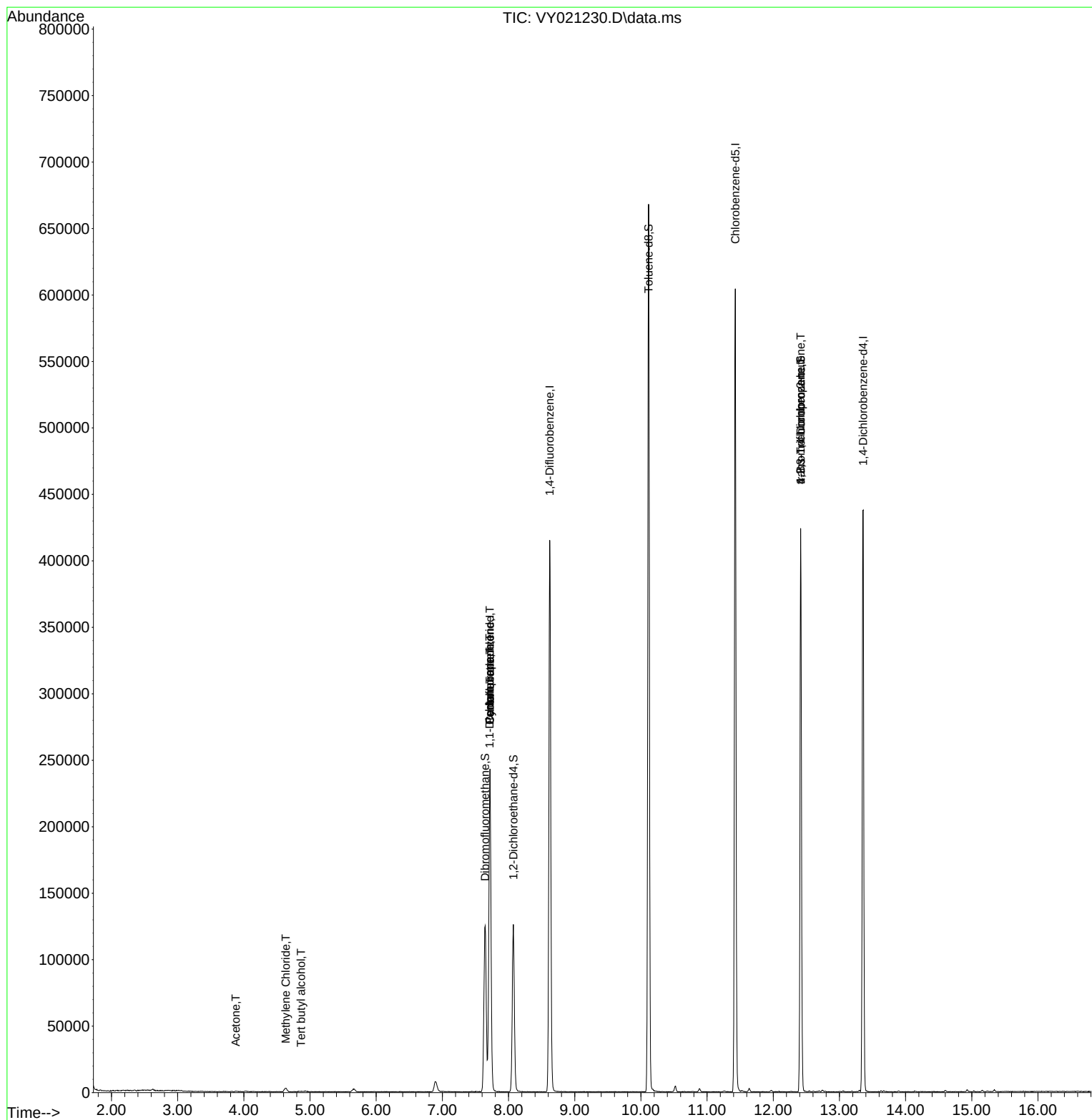
Internal Standards						
1) Pentafluorobenzene	7.719	168	180973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	342303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	305929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	111240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	97713	52.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.400%
35) Dibromofluoromethane	7.646	113	90556	41.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.560%
50) Toluene-d8	10.115	98	411396	49.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.414	95	123873	45.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	522	4.154	ug/l #	75
16) Acetone	3.879	43	785	2.715	ug/l #	84
20) Methylene Chloride	4.635	84	2050	1.140	ug/l #	71
31) Cyclohexane	7.719	56	3880	1.227	ug/l #	13
36) 1,1-Dichloropropene	7.713	75	14420	4.438	ug/l #	51
38) Carbon Tetrachloride	7.719	117	18701	4.926	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	68442	67.826	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	68442	138.397	ug/l #	12

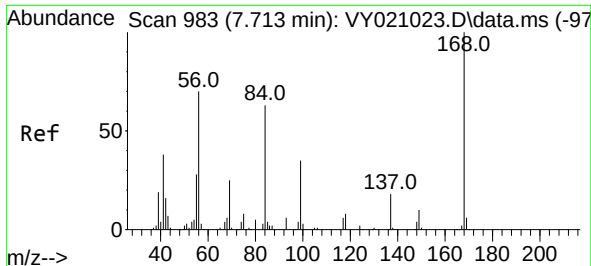
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
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Quant Time: Feb 19 04:14:47 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

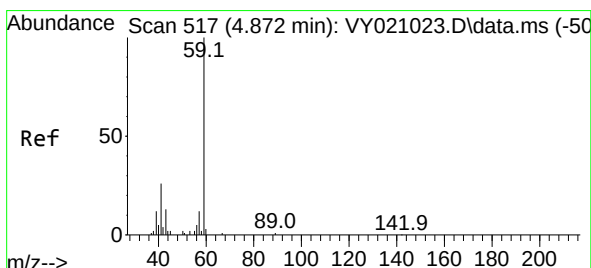
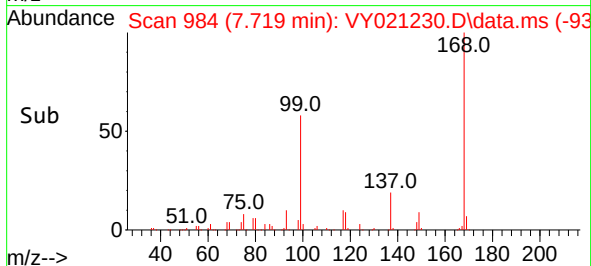
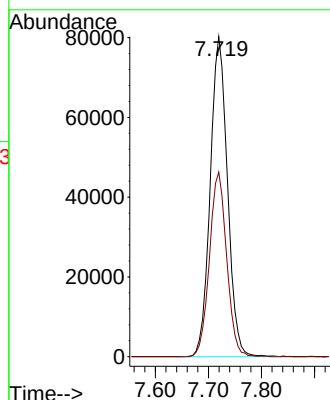
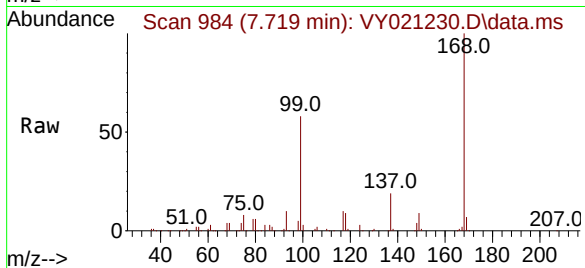




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05

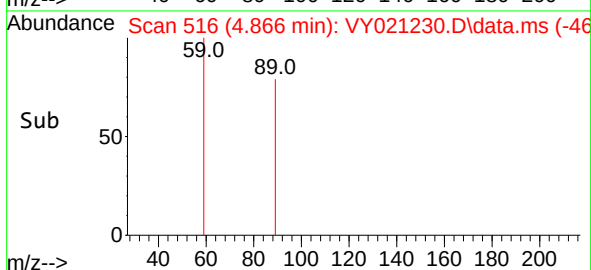
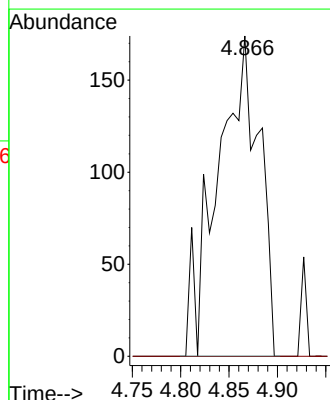
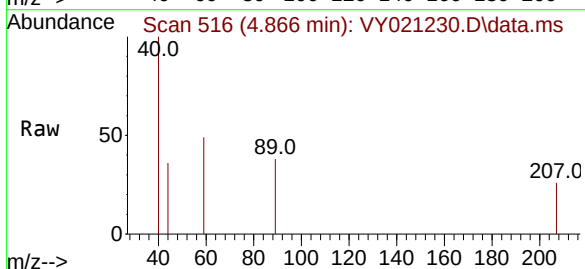
Instrument :
MSVOA_Y
ClientSampleId :

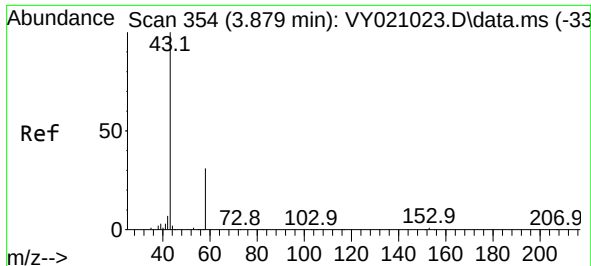
Tgt Ion:168 Resp: 180973
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 4.154 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05

Tgt Ion: 59 Resp: 522
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

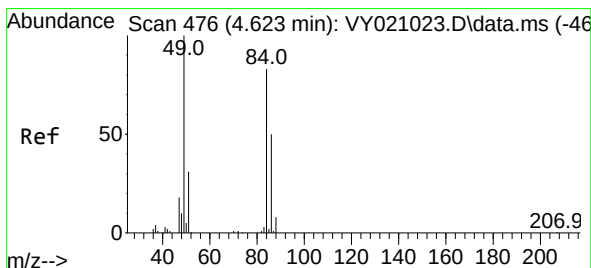
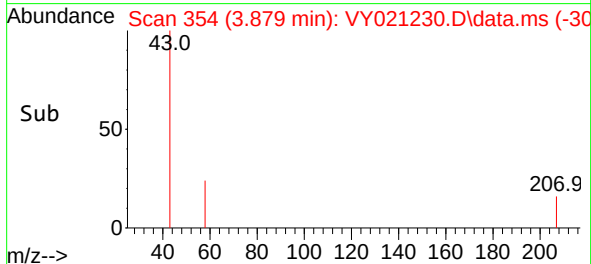
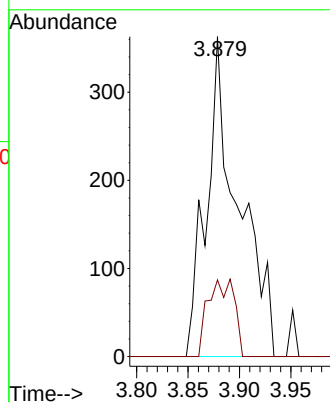
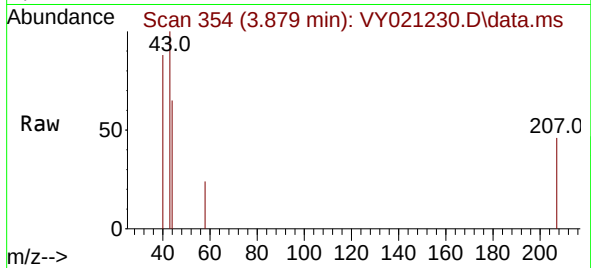




#16
Acetone
Concen: 2.715 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05

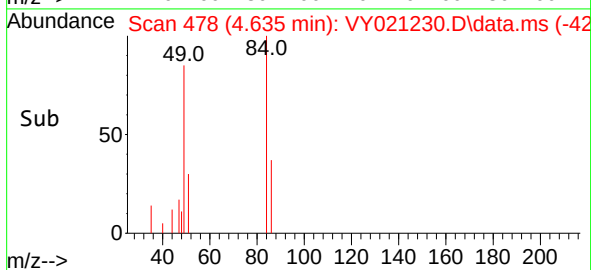
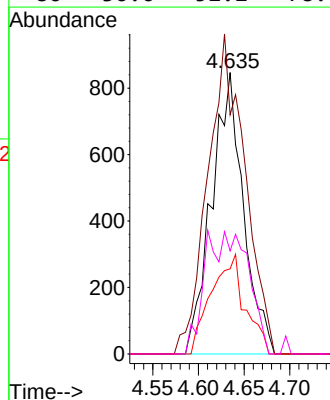
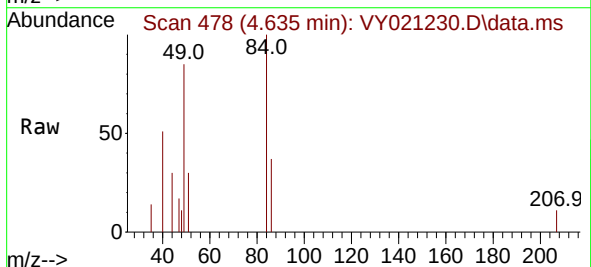
Instrument :
MSVOA_Y
ClientSampleId :

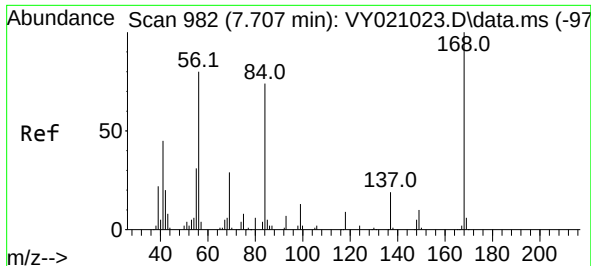
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 24.0 26.6 39.8#



#20
Methylene Chloride
Concen: 1.140 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05

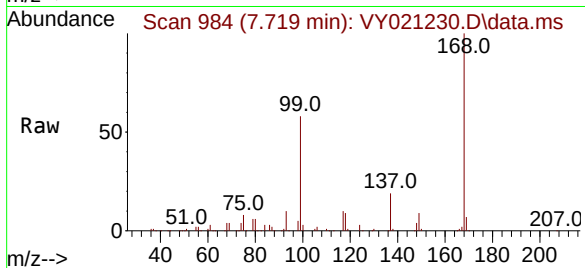
Tgt Ion: 84 Resp: 2050
Ion Ratio Lower Upper
84 100
49 85.0 95.2 142.8#
51 30.2 29.9 44.9
86 36.6 52.2 78.4#



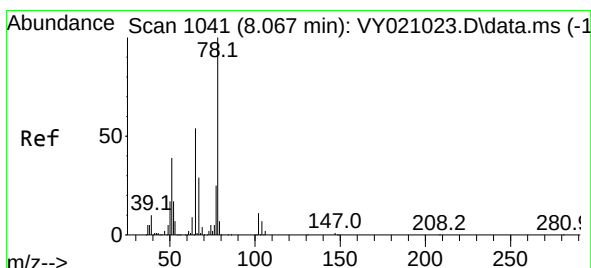
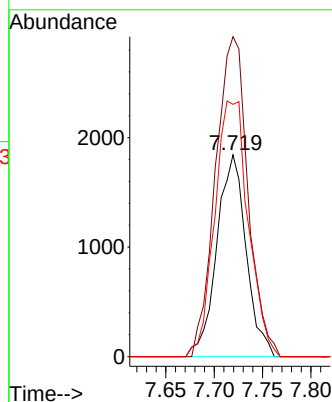
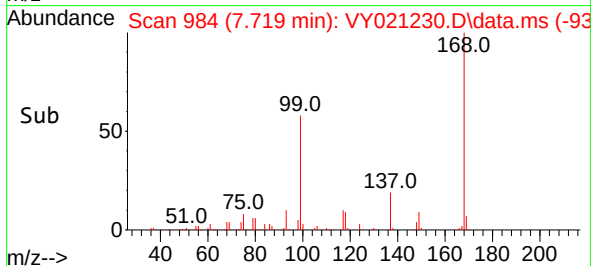


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05

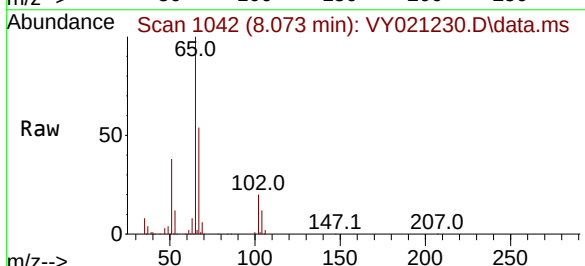
Instrument :
MSVOA_Y
ClientSampleId :



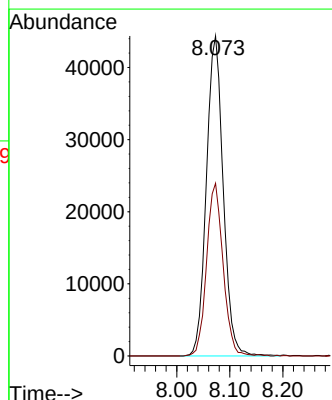
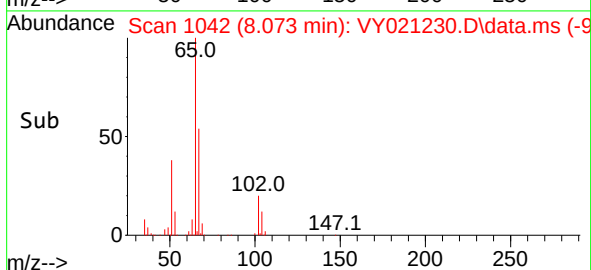
Tgt Ion: 56 Resp: 3880
Ion Ratio Lower Upper
56 100
69 158.7 27.0 40.6#
84 125.1 71.8 107.6#

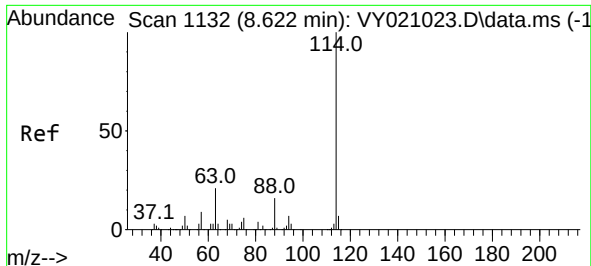


#33
1,2-Dichloroethane-d4
Concen: 52.698 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05



Tgt Ion: 65 Resp: 97713
Ion Ratio Lower Upper
65 100
67 52.8 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: VY021230.D

Acq: 18 Feb 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

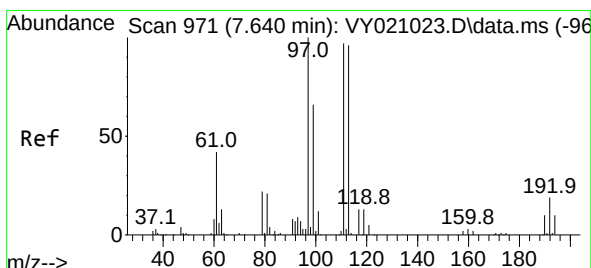
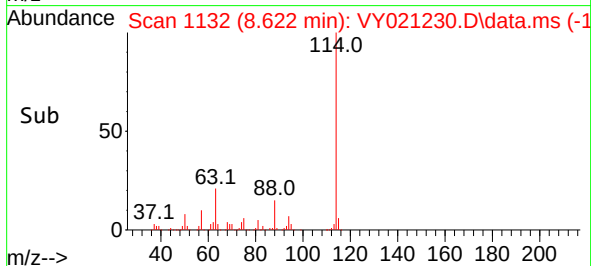
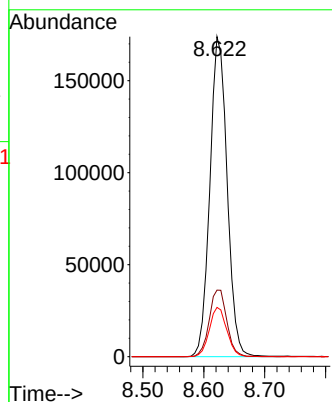
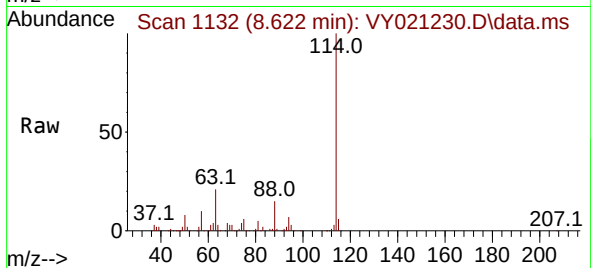
Tgt Ion:114 Resp: 342303

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 41.280 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021230.D

Acq: 18 Feb 2025 15:05

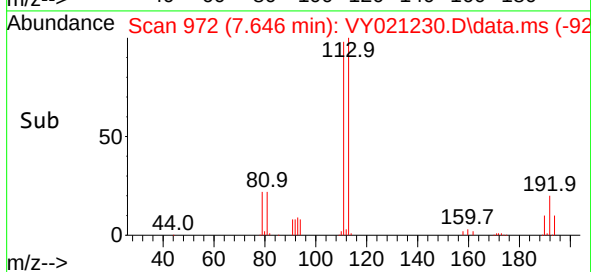
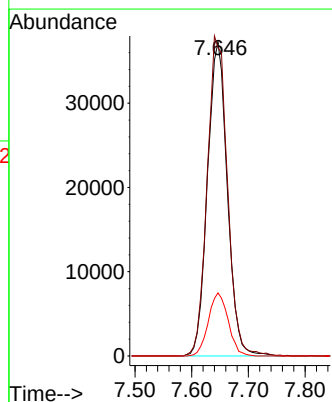
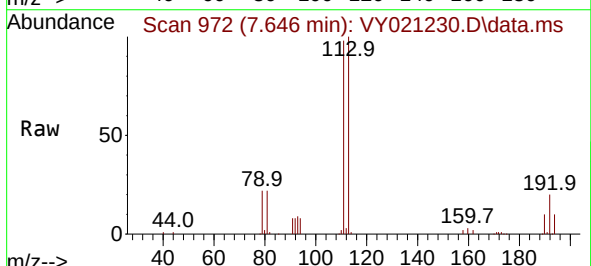
Tgt Ion:113 Resp: 90556

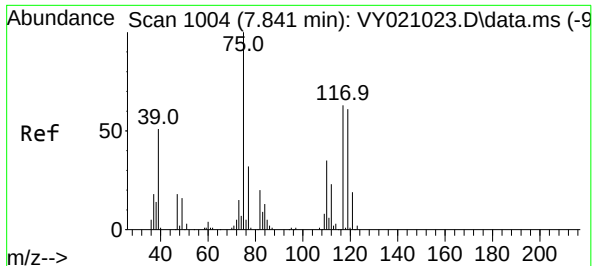
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 20.1 14.5 21.7

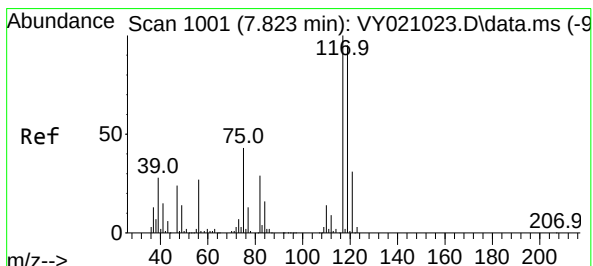
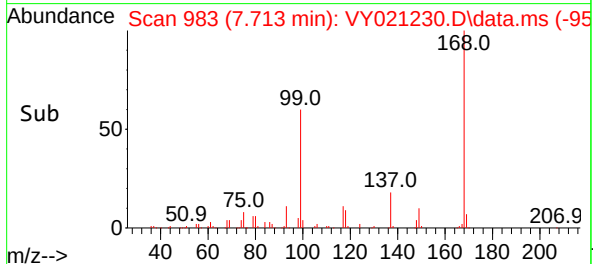
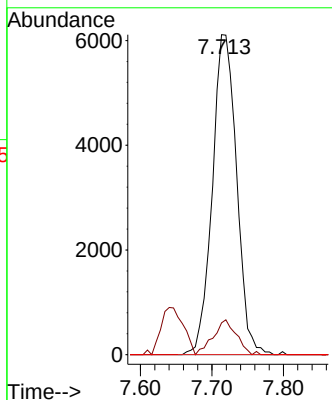
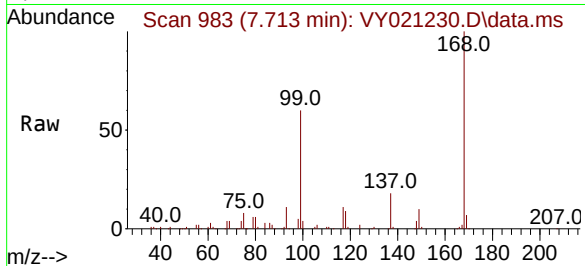




#36
 1,1-Dichloropropene
 Concen: 4.438 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY021230.D
 Acq: 18 Feb 2025 15:05

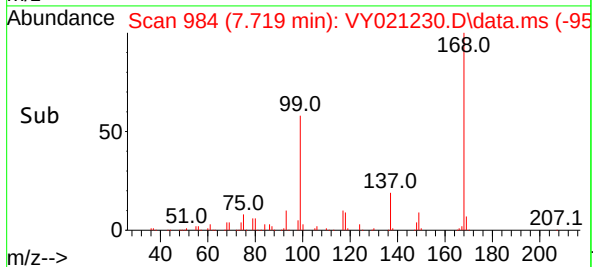
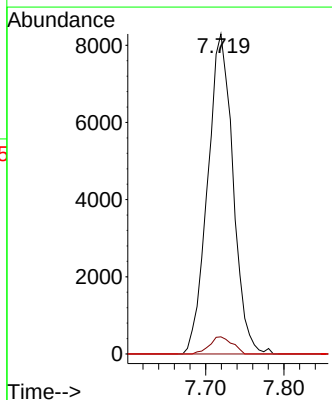
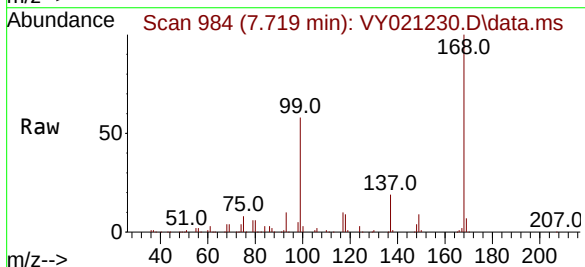
Instrument :
 MSVOA_Y
 ClientSampleId :

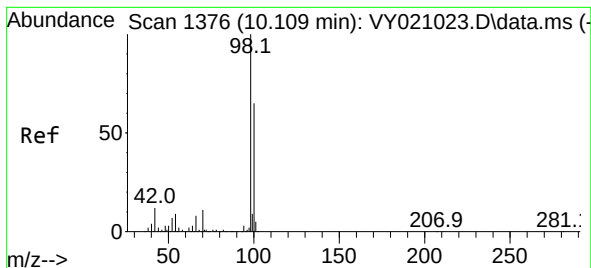
Tgt Ion: 75 Resp: 14420
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.926 ug/l
 RT: 7.719 min Scan# 984
 Delta R.T. -0.104 min
 Lab File: VY021230.D
 Acq: 18 Feb 2025 15:05

Tgt Ion: 117 Resp: 18701
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.260 ug/l

RT: 10.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021230.D

Acq: 18 Feb 2025 15:05

Instrument :

MSVOA_Y

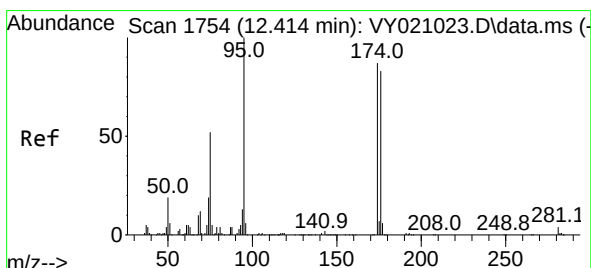
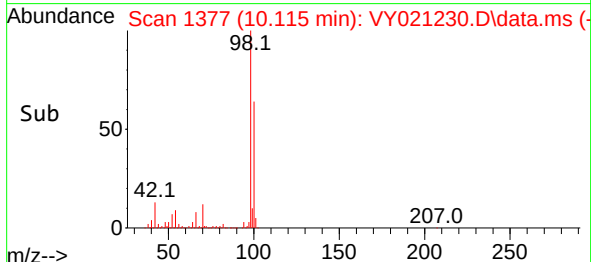
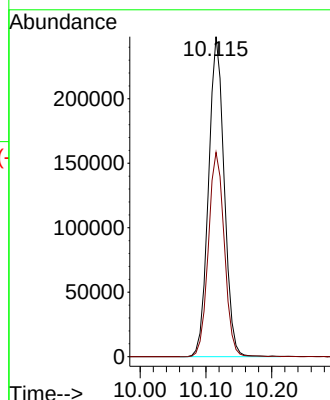
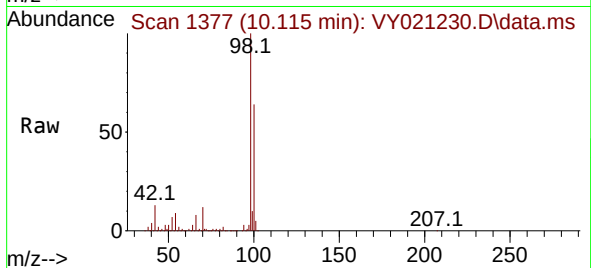
ClientSampleId :

Tgt Ion: 98 Resp: 411396

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.401 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021230.D

Acq: 18 Feb 2025 15:05

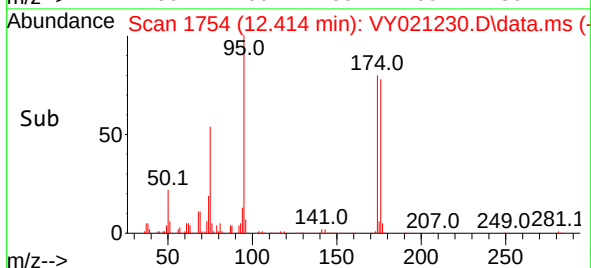
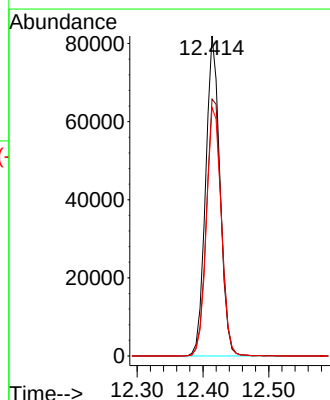
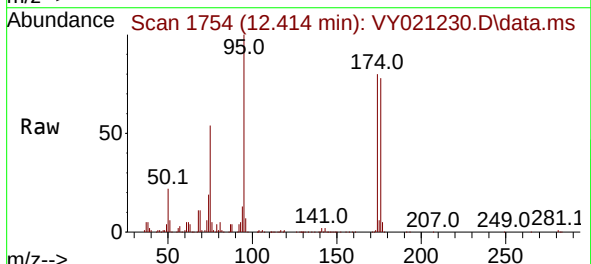
Tgt Ion: 95 Resp: 123873

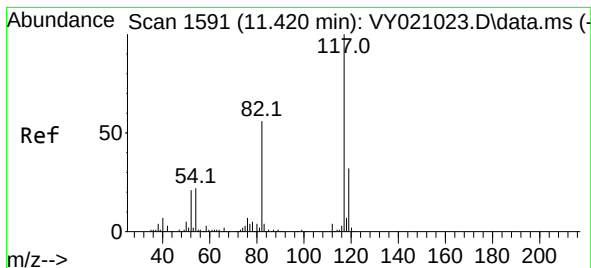
Ion Ratio Lower Upper

95 100

174 84.0 0.0 160.0

176 80.5 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: VY021230.D

Acq: 18 Feb 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

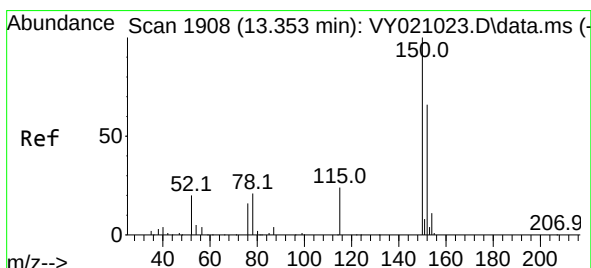
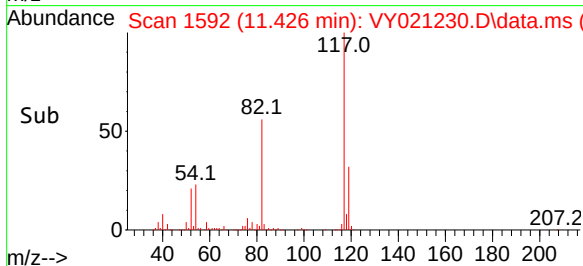
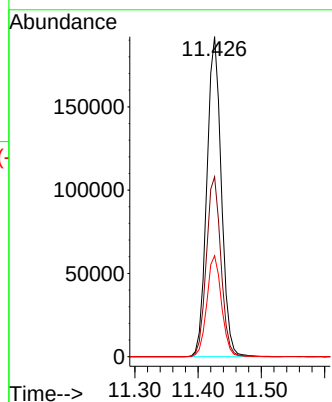
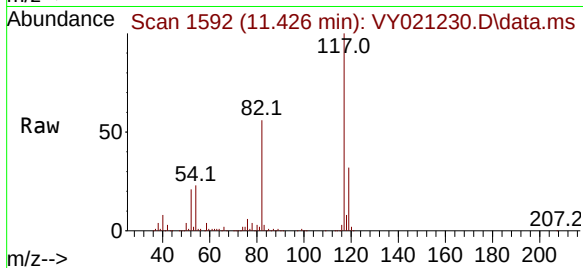
Tgt Ion:117 Resp: 305929

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 31.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021230.D

Acq: 18 Feb 2025 15:05

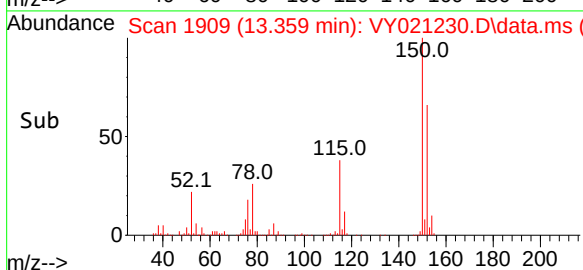
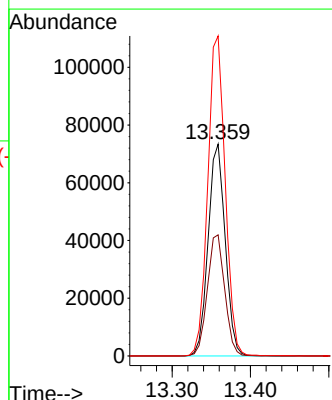
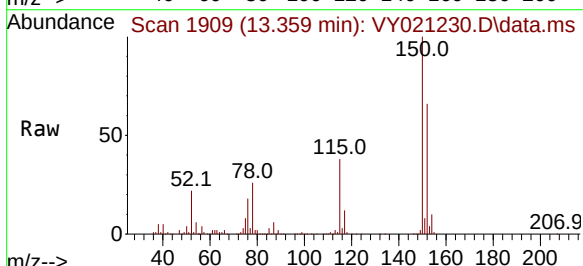
Tgt Ion:152 Resp: 111240

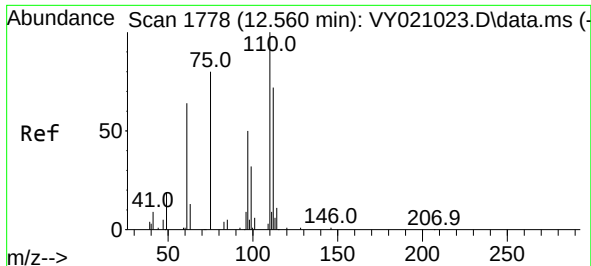
Ion Ratio Lower Upper

152 100

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150 153.8 0.0 344.6

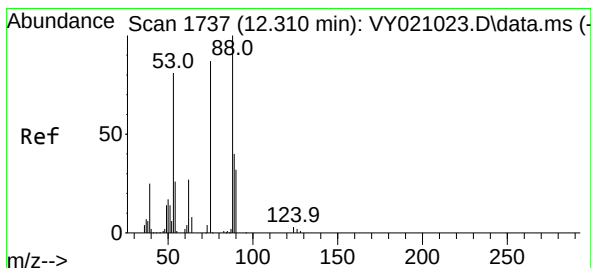
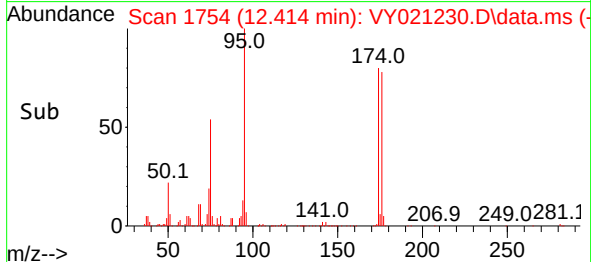
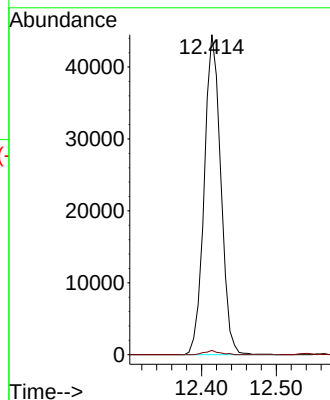
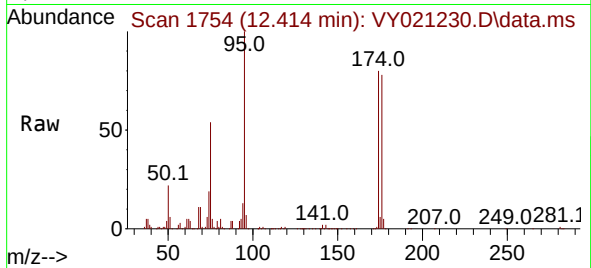




#76
1,2,3-Trichloropropane
Concen: 67.826 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68442
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.397 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021230.D
Acq: 18 Feb 2025 15:05

Tgt Ion: 75 Resp: 68442
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

