

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021199.D
 Acq On : 14 Feb 2025 09:42
 Operator : SY/MD
 Sample : VY0214SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 22:14:38 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)

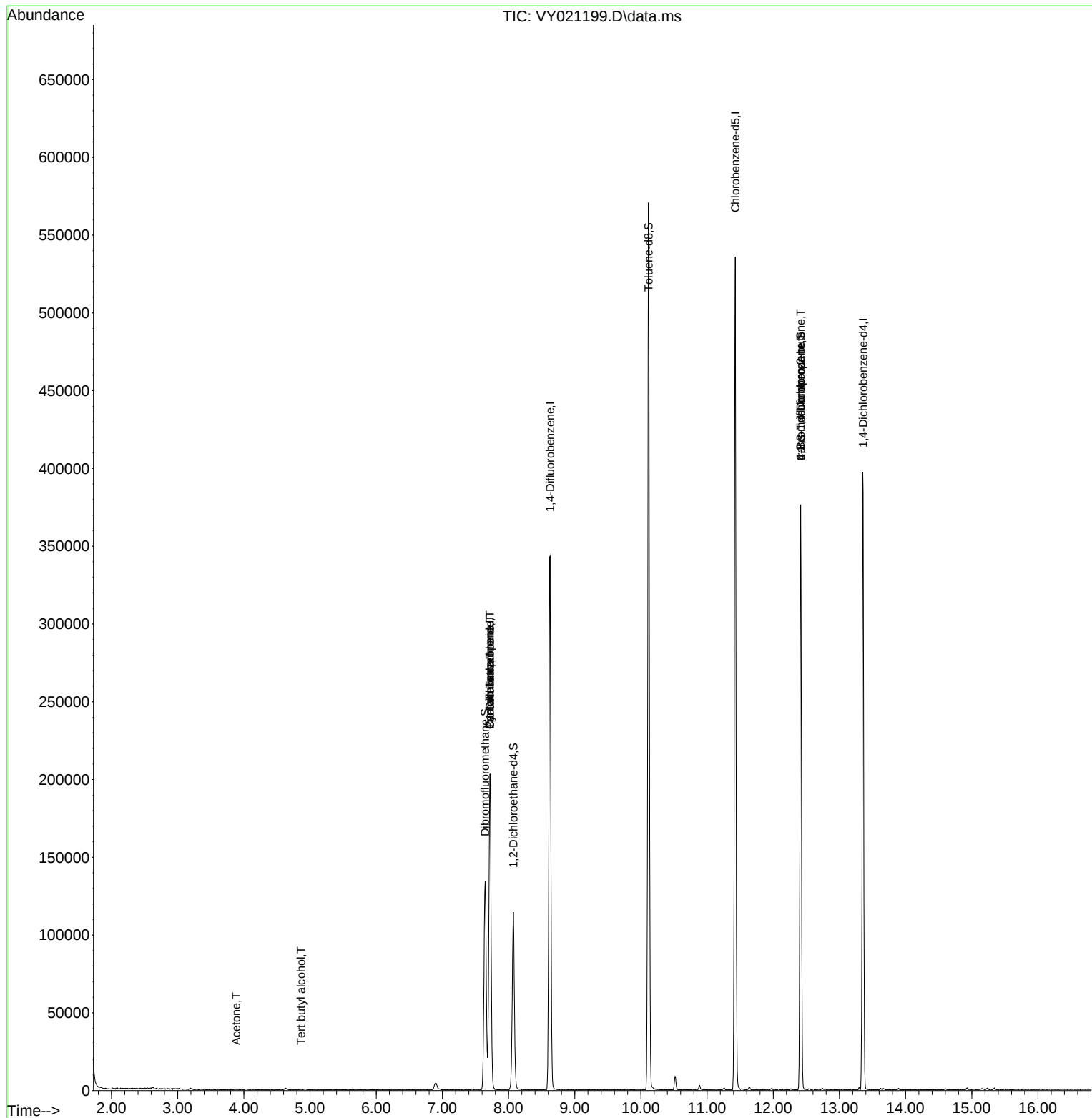
Internal Standards						
1) Pentafluorobenzene	7.719	168	153469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	288189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	263038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	98934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	89557	56.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.920%	
35) Dibromofluoromethane	7.646	113	94346	51.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.160%	
50) Toluene-d8	10.115	98	353828	50.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.413	95	107070	46.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.220%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.866	59	178	1.670	ug/l #	75
16) Acetone	3.884	43	291	1.187	ug/l #	41
31) Cyclohexane	7.719	56	3432	1.280	ug/l #	20
36) 1,1-Dichloropropene	7.719	75	12137	4.437	ug/l #	50
38) Carbon Tetrachloride	7.719	117	15707	4.914	ug/l #	18
76) 1,2,3-Trichloropropane	12.413	75	60076	66.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	60076	136.591	ug/l #	12

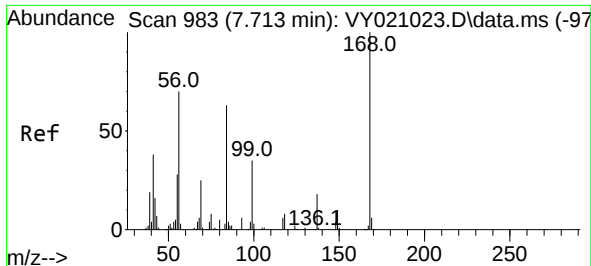
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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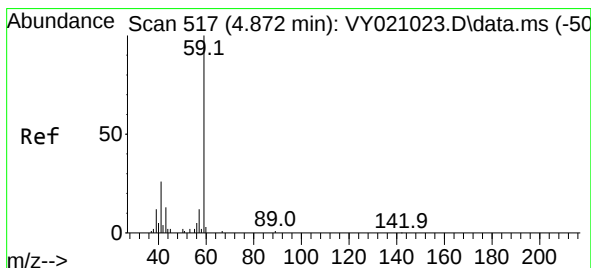
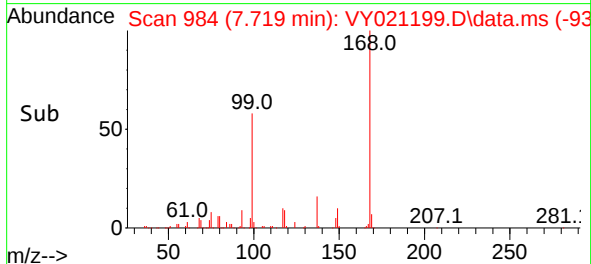
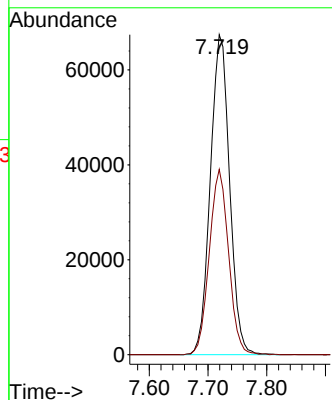
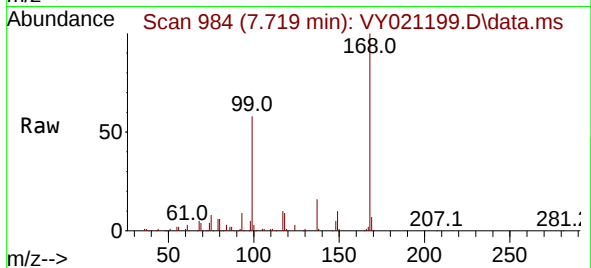




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

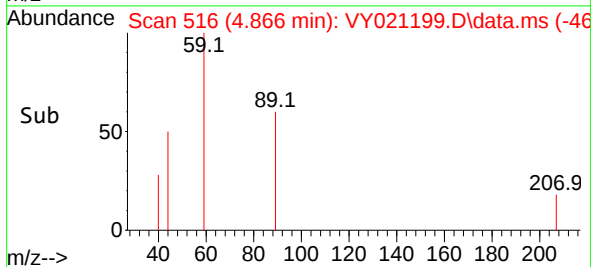
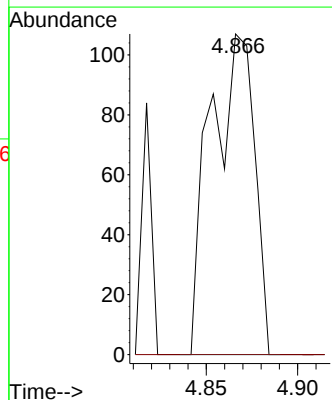
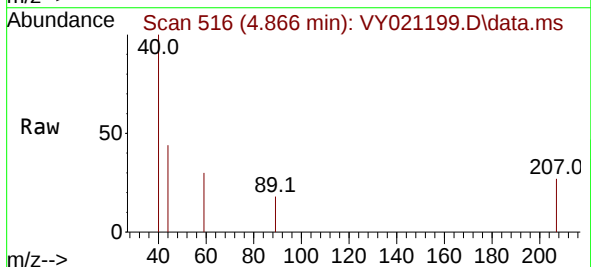
Instrument :
MSVOA_Y
ClientSampleId :

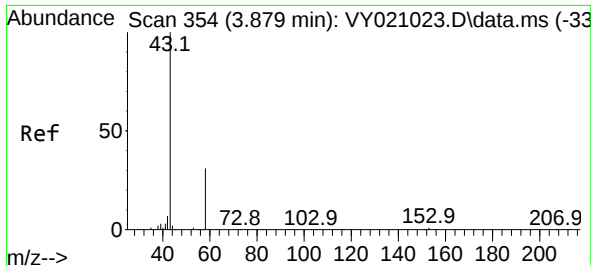
Tgt Ion:168 Resp: 153469
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.670 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

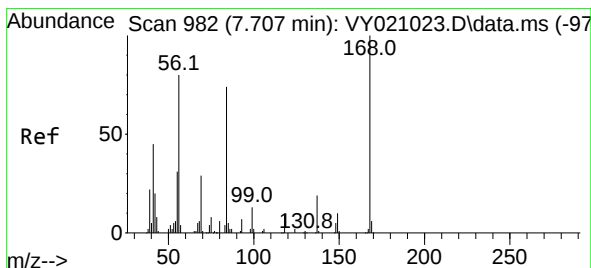
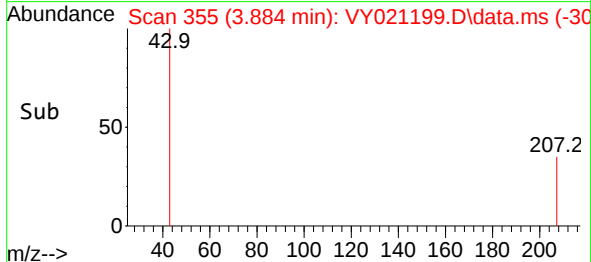
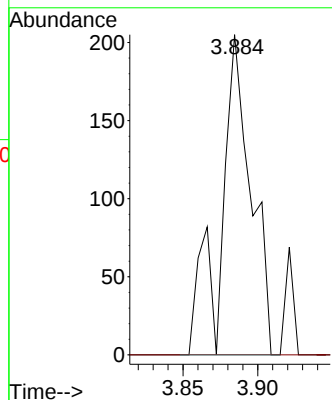
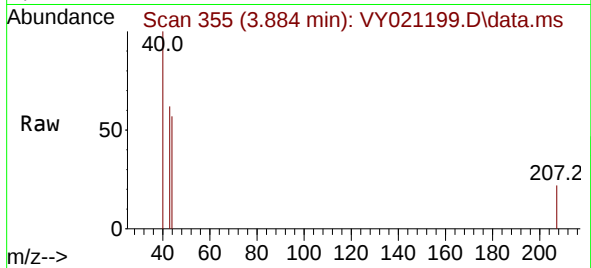




#16
Acetone
Concen: 1.187 ug/l
RT: 3.884 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

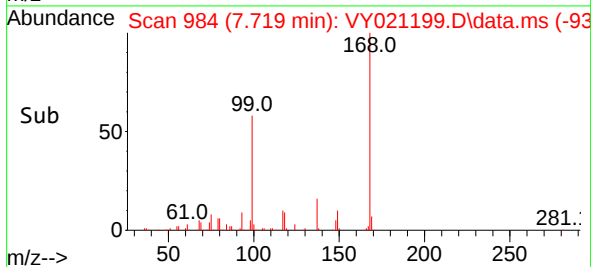
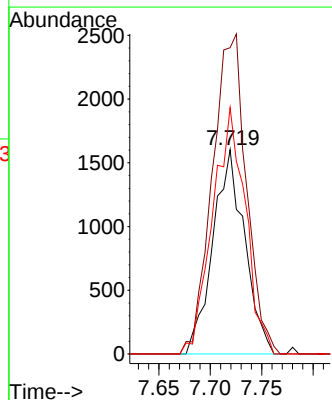
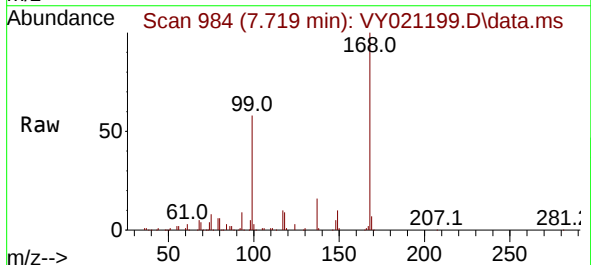
Instrument :
MSVOA_Y
ClientSampleId :

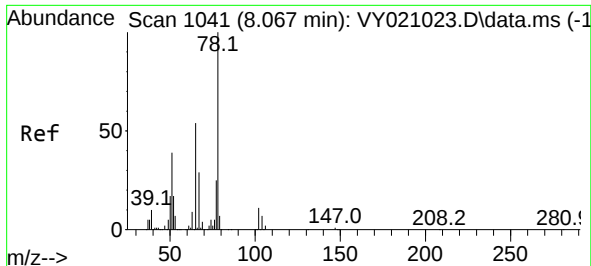
Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Tgt Ion: 56 Resp: 3432
Ion Ratio Lower Upper
56 100
69 149.9 27.0 40.6#
84 120.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 56.955 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021199.D

Acq: 14 Feb 2025 09:42

Instrument :

MSVOA_Y

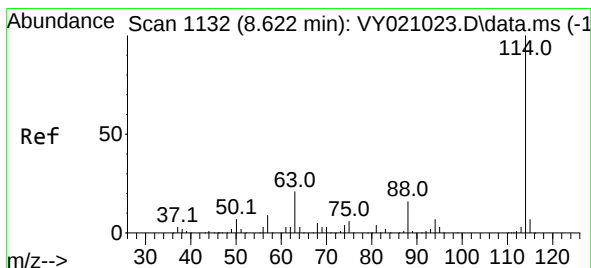
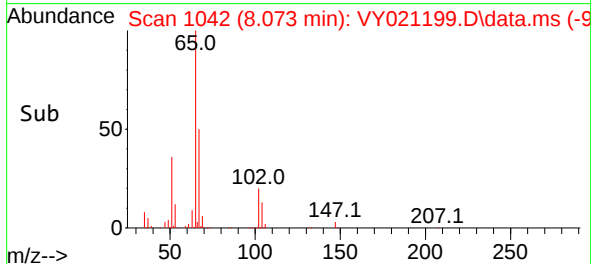
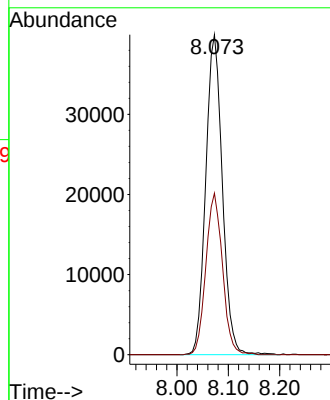
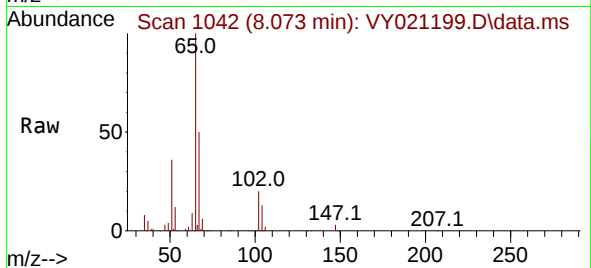
ClientSampleId :

Tgt Ion: 65 Resp: 89557

Ion Ratio Lower Upper

65 100

67 50.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021199.D

Acq: 14 Feb 2025 09:42

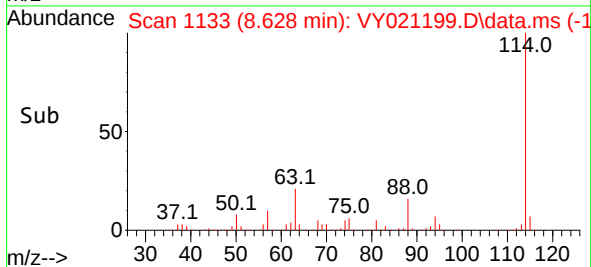
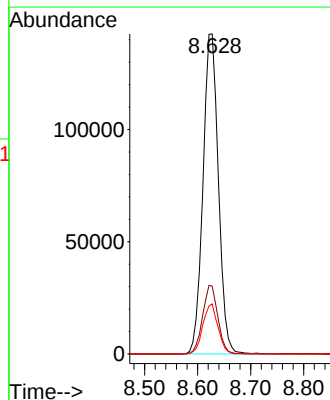
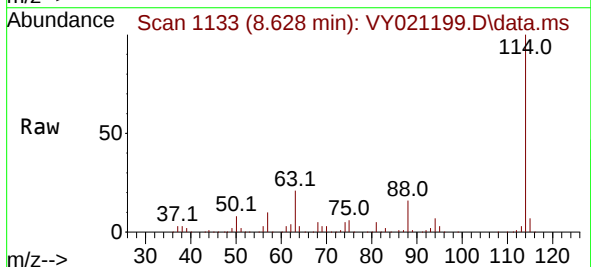
Tgt Ion: 114 Resp: 288189

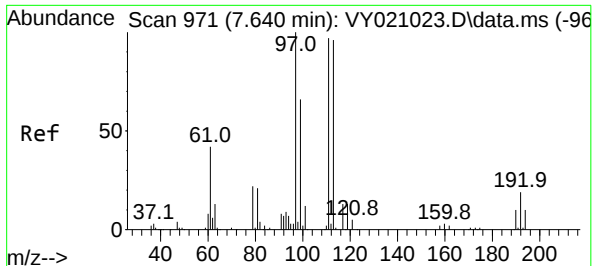
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

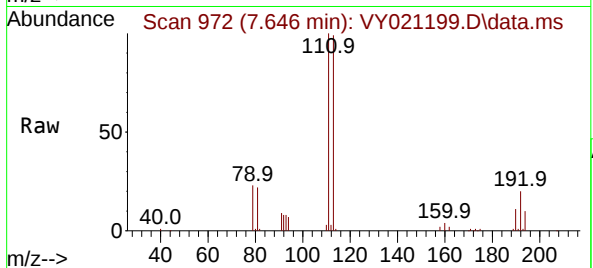
88 15.6 0.0 29.0



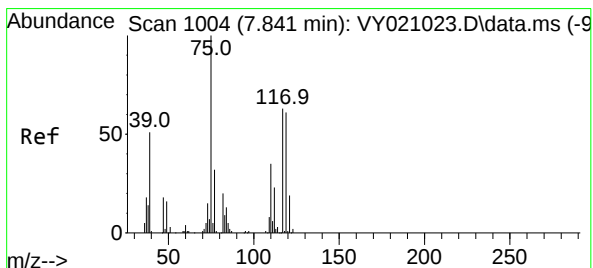
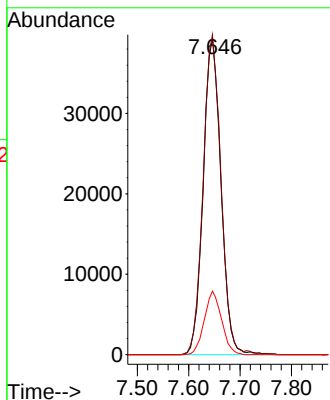
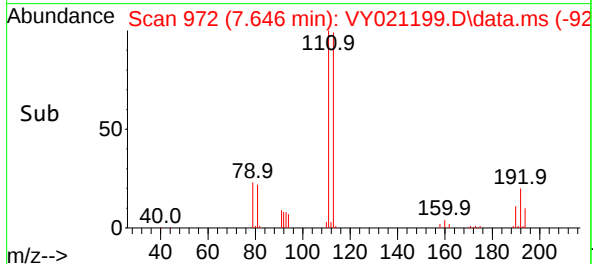


#35
Dibromofluoromethane
Concen: 51.083 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :

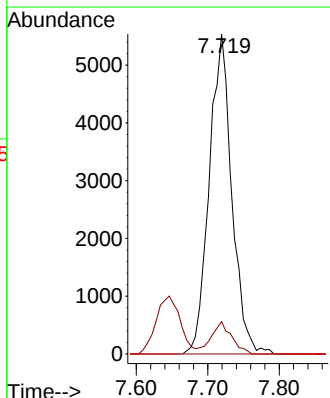
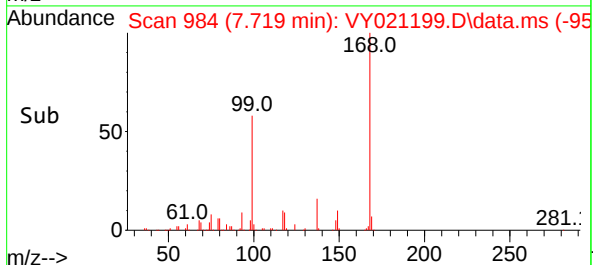
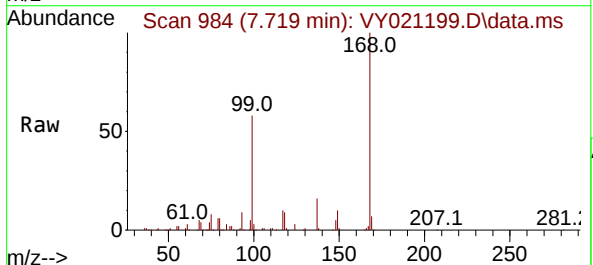


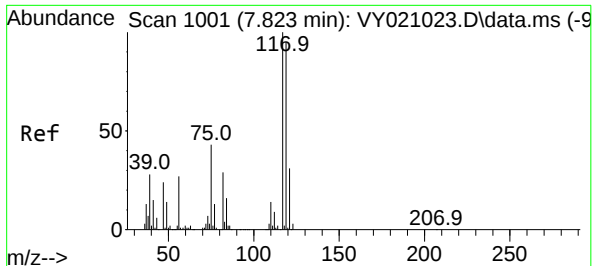
Tgt Ion:113 Resp: 94346
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 19.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

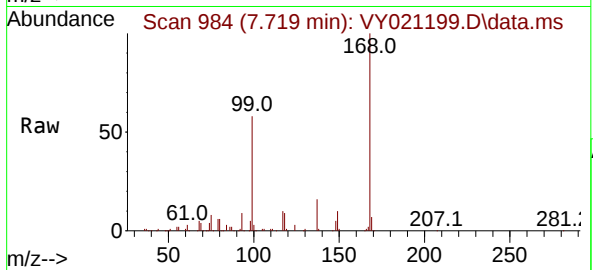
Tgt Ion: 75 Resp: 12137
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.3#
77 0.0 24.7 37.1#



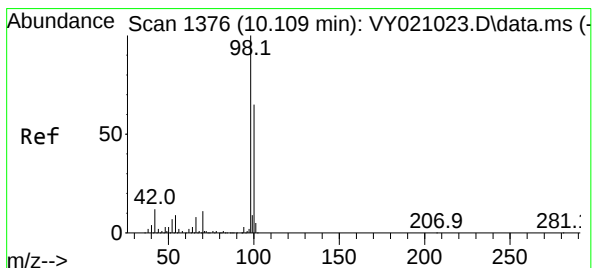
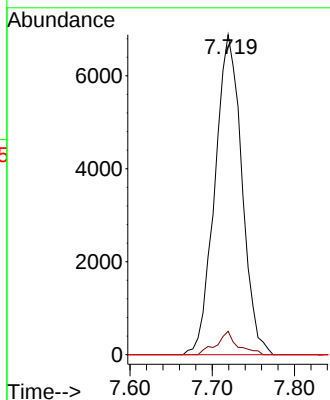
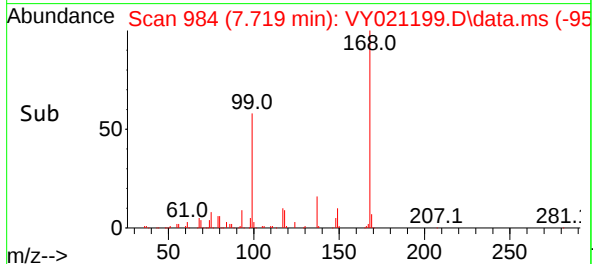


#38
Carbon Tetrachloride
Concen: 4.914 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :

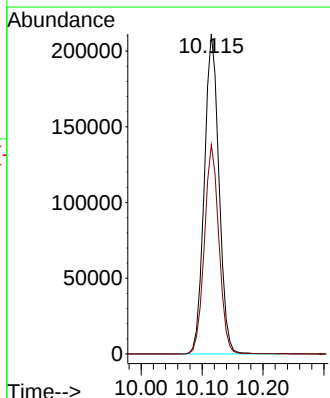
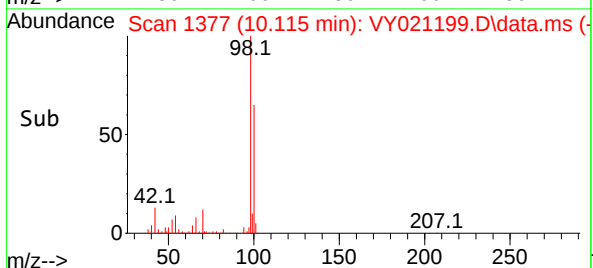
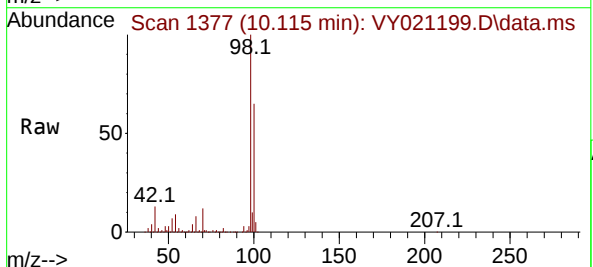


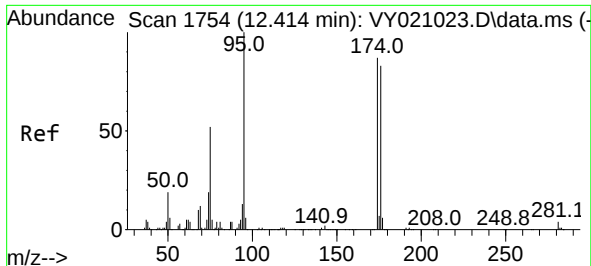
Tgt Ion:117 Resp: 15707
Ion Ratio Lower Upper
117 100
119 7.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Tgt Ion: 98 Resp: 353828
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

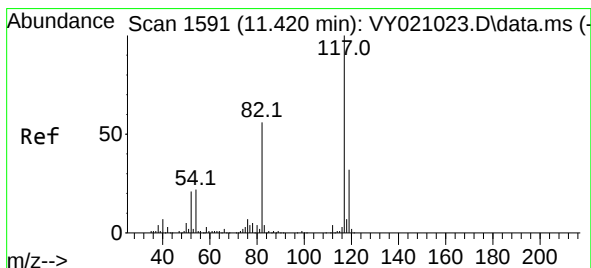
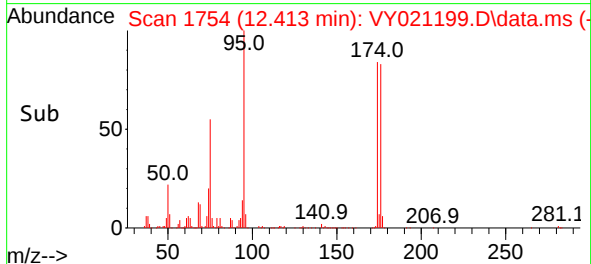
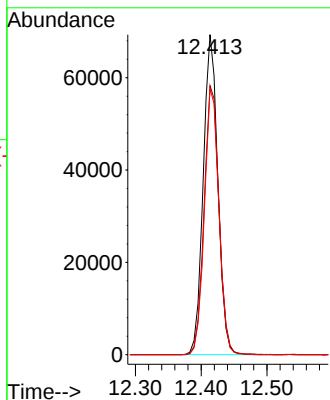
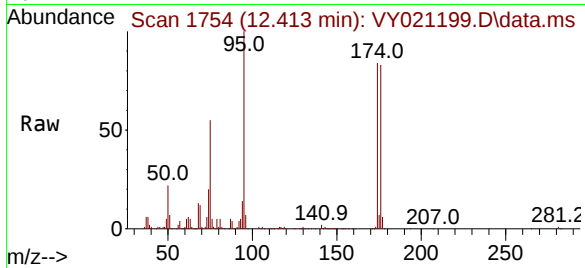




#62
4-Bromofluorobenzene
Concen: 46.611 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

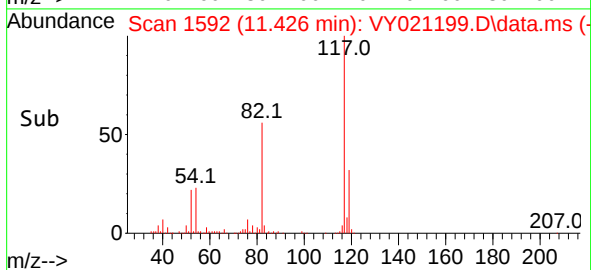
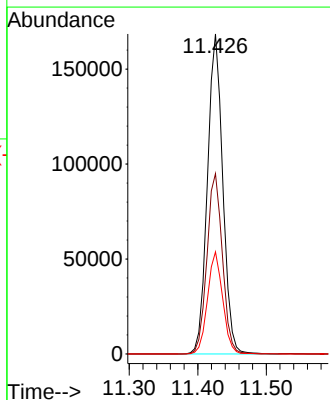
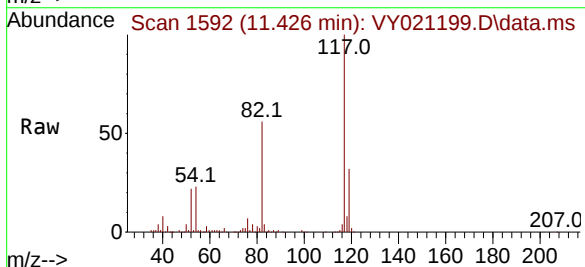
Instrument :
MSVOA_Y
ClientSampleId :

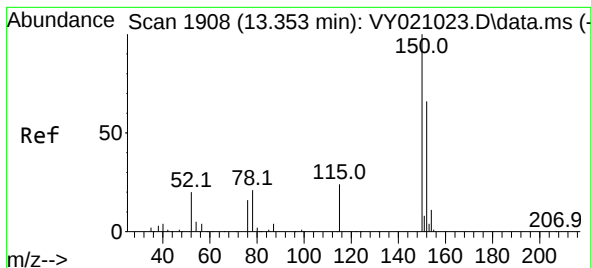
Tgt Ion: 95 Resp: 107070
Ion Ratio Lower Upper
95 100
174 85.8 0.0 160.0
176 82.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Tgt Ion: 117 Resp: 263038
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 31.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021199.D

Acq: 14 Feb 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

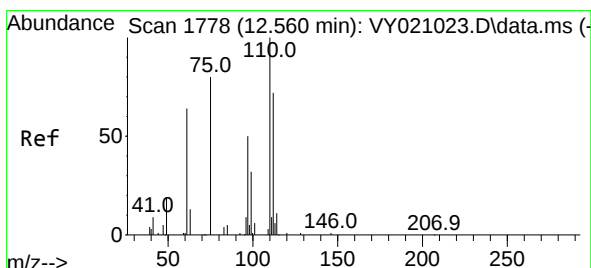
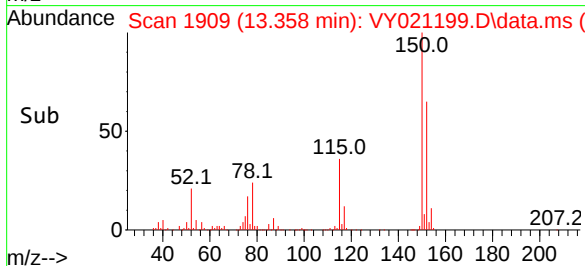
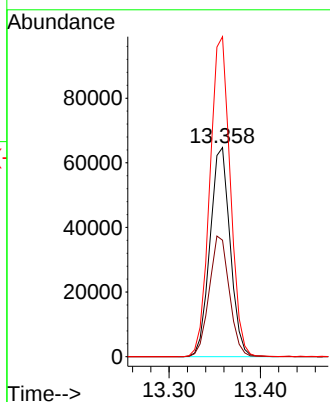
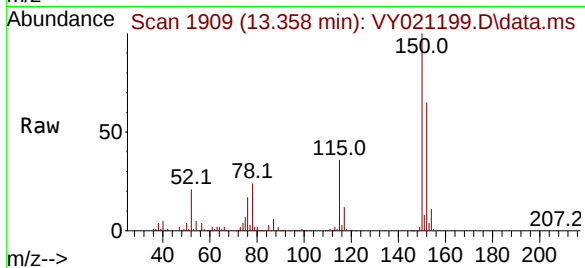
Tgt Ion:152 Resp: 98934

Ion Ratio Lower Upper

152 100

115 57.7 30.0 90.0

150 155.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 66.941 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.147 min

Lab File: VY021199.D

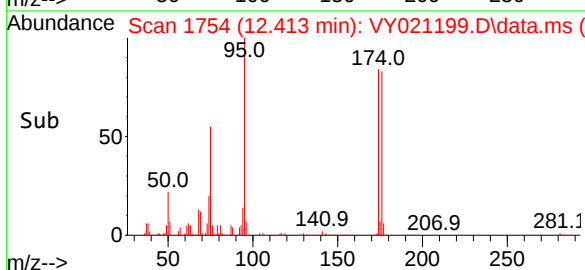
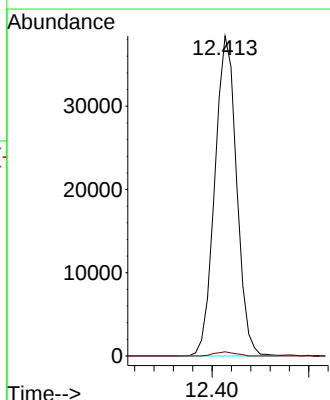
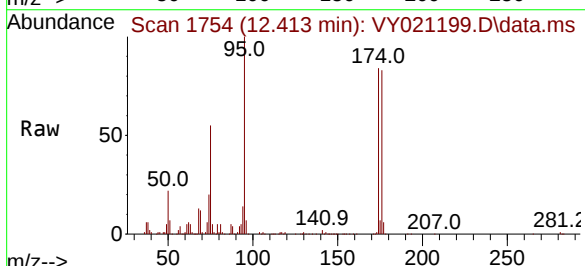
Acq: 14 Feb 2025 09:42

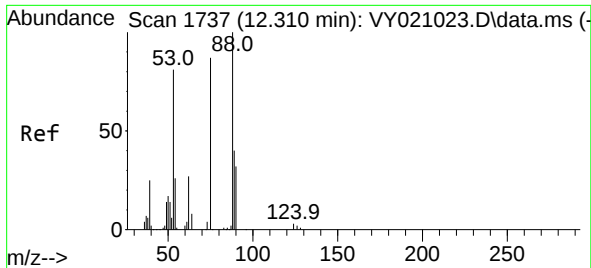
Tgt Ion: 75 Resp: 60076

Ion Ratio Lower Upper

75 100

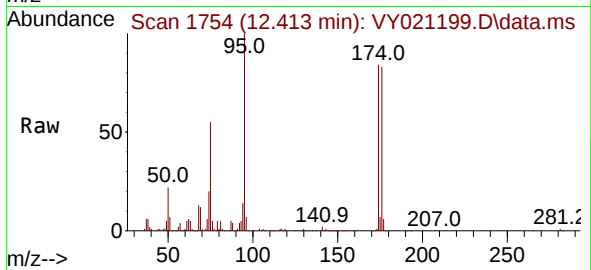
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.591 ug/l
 RT: 12.413 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021199.D
 Acq: 14 Feb 2025 09:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60076
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

