

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019958.D
 Acq On : 21 Oct 2024 12:50
 Operator : SY/MD
 Sample : P4443-02
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:30:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

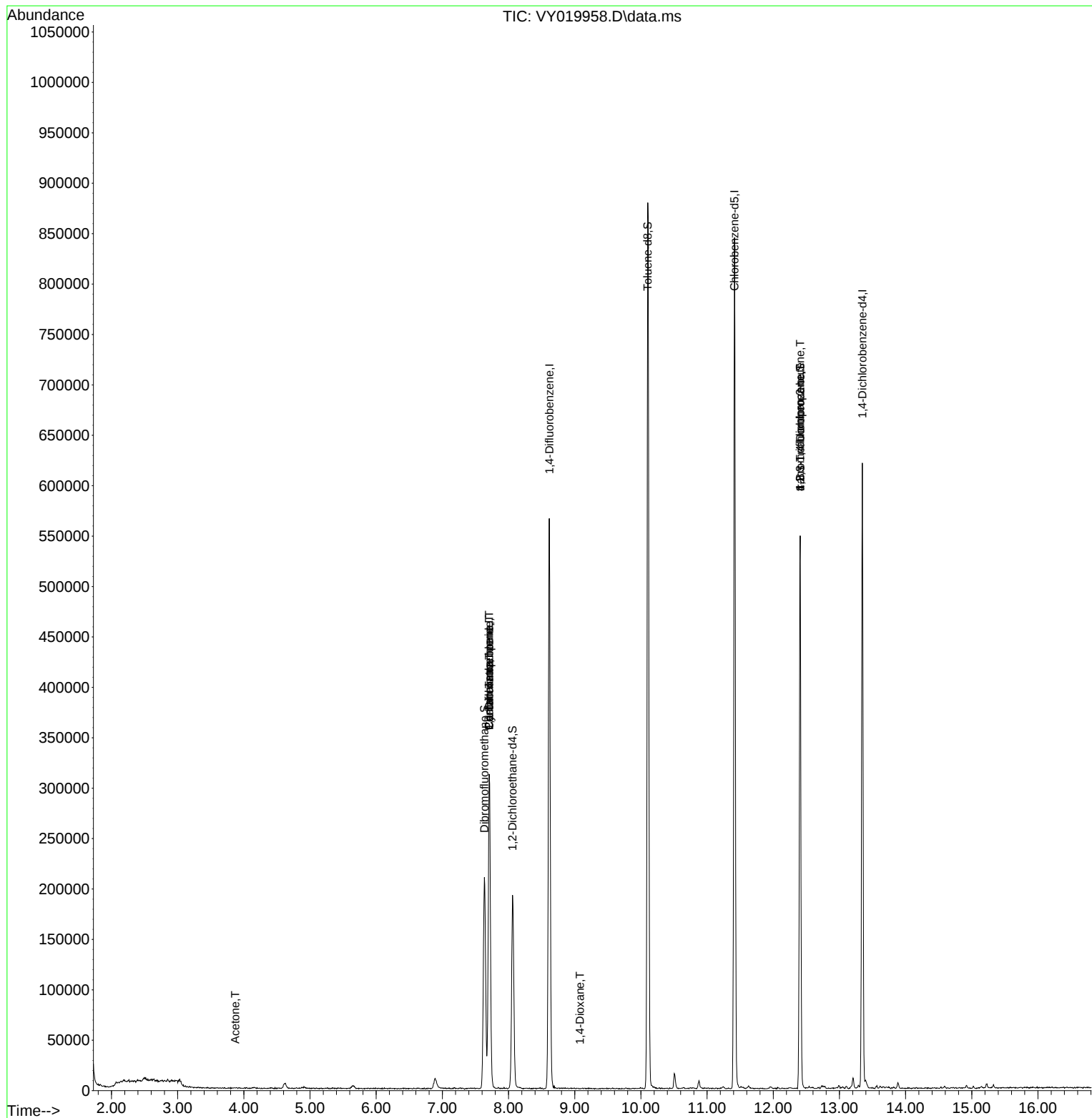
Internal Standards						
1) Pentafluorobenzene	7.707	168	216896	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	446253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149122	55.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.634	113	146044	49.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.103	98	554220	50.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.407	95	162642	41.392	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	574	Below Cal		98
16) Acetone	3.872	43	772	1.110	ug/l #	36
31) Cyclohexane	7.707	56	6204	1.390	ug/l #	30
36) 1,1-Dichloropropene	7.707	75	21647	5.102	ug/l #	49
38) Carbon Tetrachloride	7.707	117	24928	5.481	ug/l #	16
49) 1,4-Dioxane	9.079	88	20	1.018	ug/l #	20
76) 1,2,3-Trichloropropane	12.407	75	94774	36.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	94774	145.970	ug/l #	16

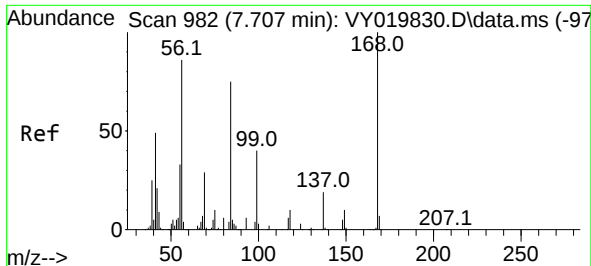
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
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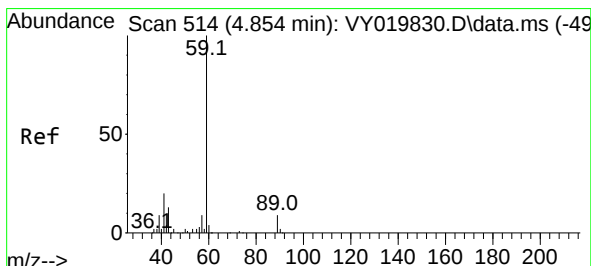
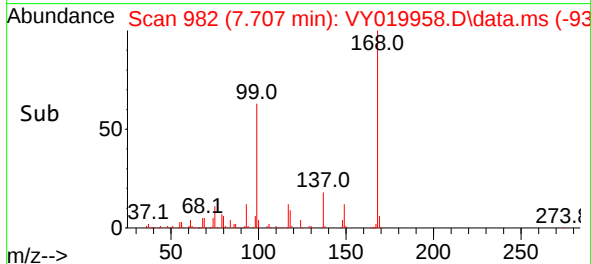
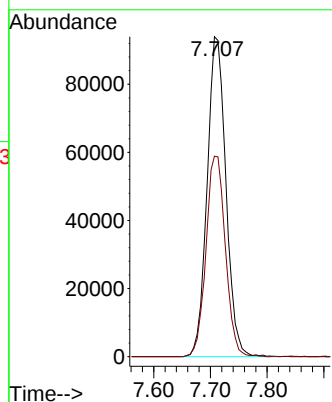
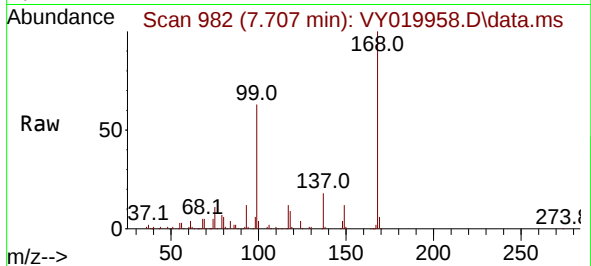




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

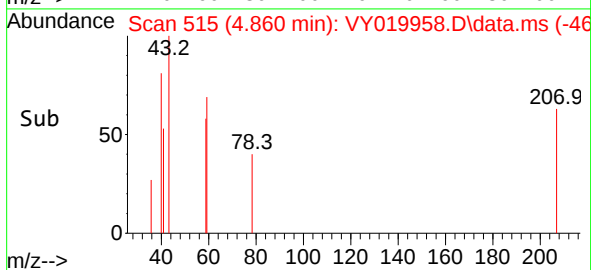
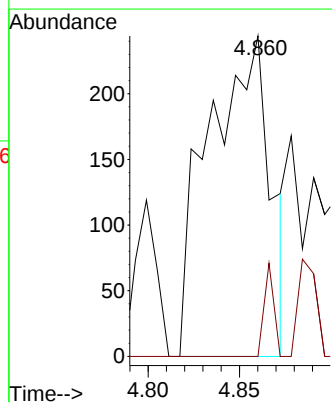
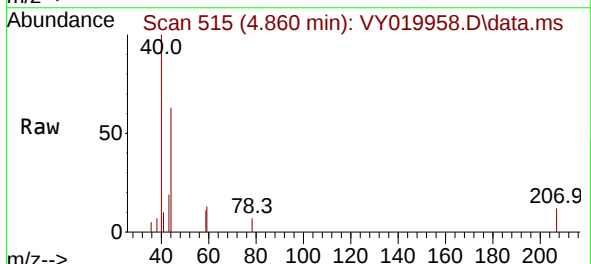
Instrument :
MSVOA_Y
ClientSampleId :

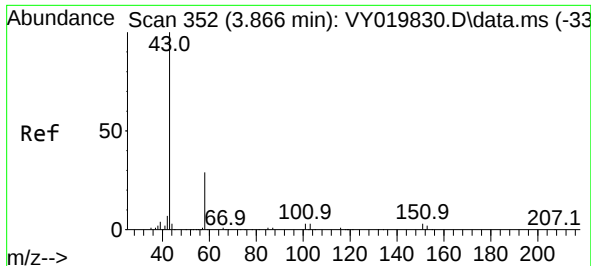
Tgt Ion:168 Resp: 216896
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion: 59 Resp: 574
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6

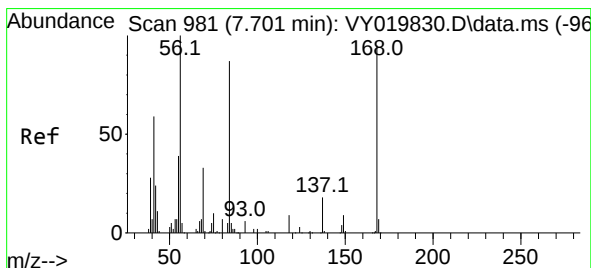
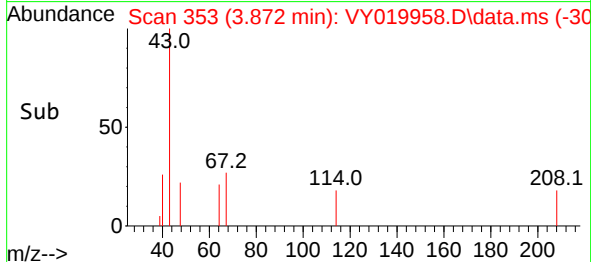
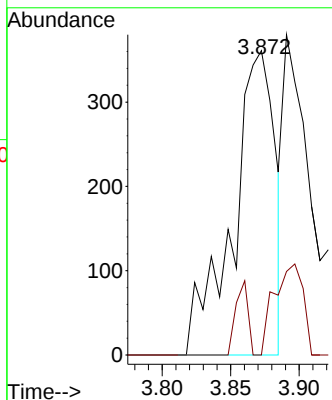
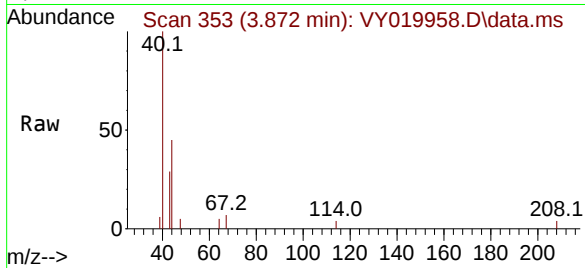




#16
Acetone
Concen: 1.110 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

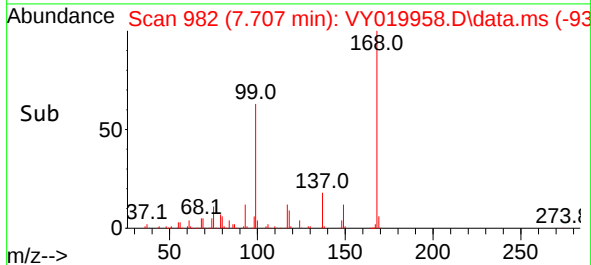
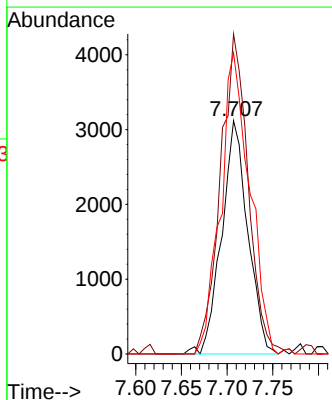
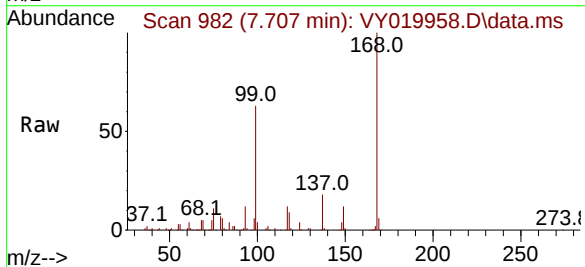
Instrument :
MSVOA_Y
ClientSampleId :

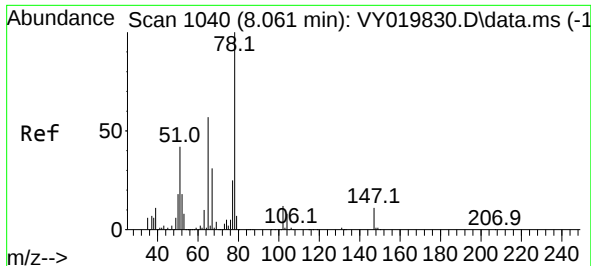
Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion: 56 Resp: 6204
Ion Ratio Lower Upper
56 100
69 137.2 28.7 43.1#
84 129.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.838 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019958.D

Acq: 21 Oct 2024 12:50

Instrument :

MSVOA_Y

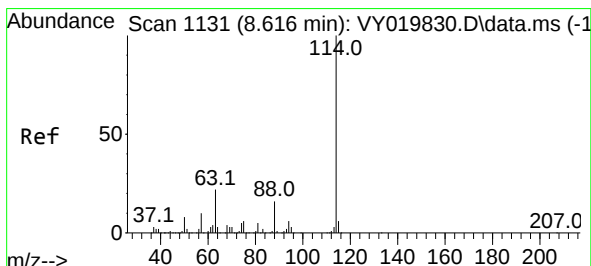
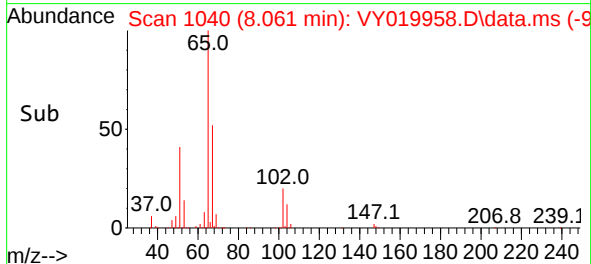
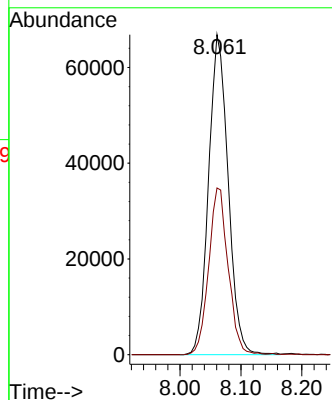
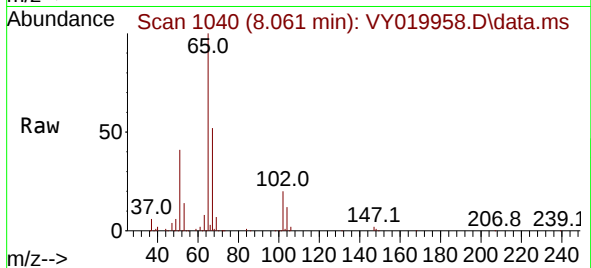
ClientSampleId :

Tgt Ion: 65 Resp: 149122

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019958.D

Acq: 21 Oct 2024 12:50

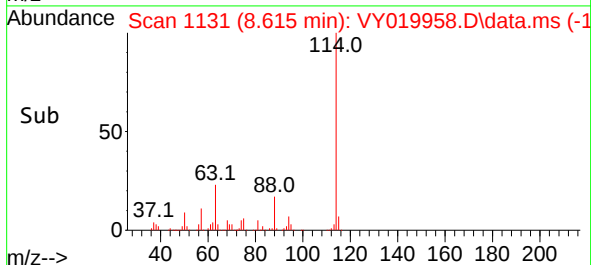
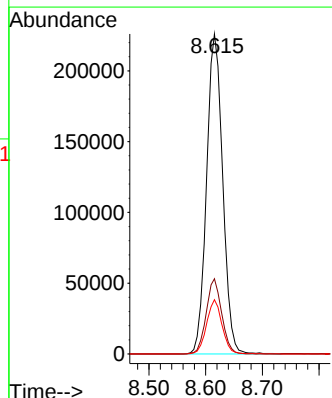
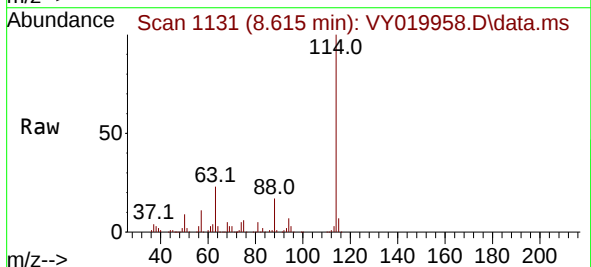
Tgt Ion: 114 Resp: 446253

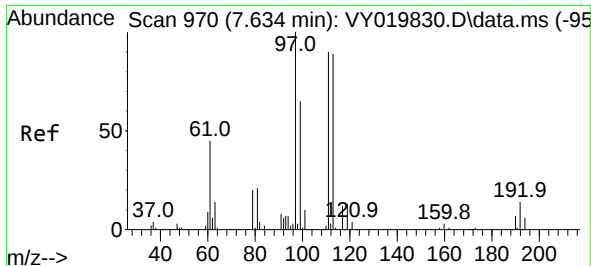
Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

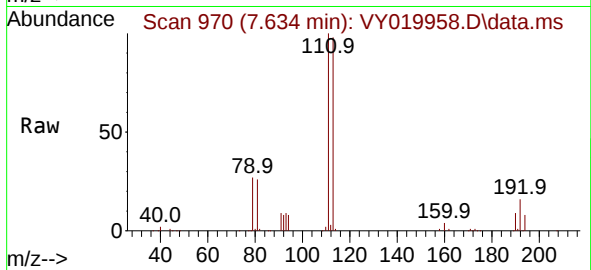
88 16.9 0.0 27.2



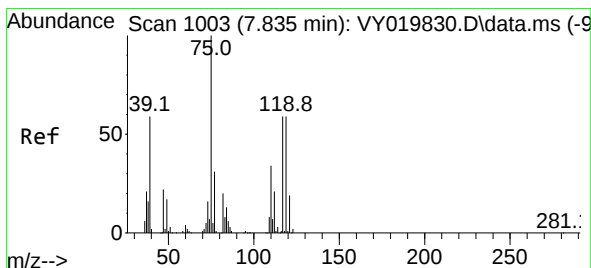
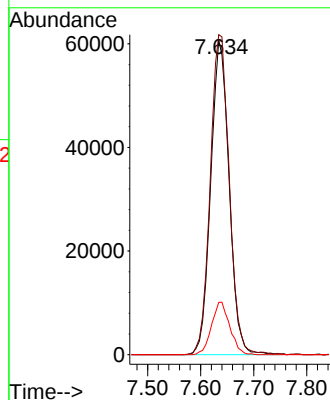
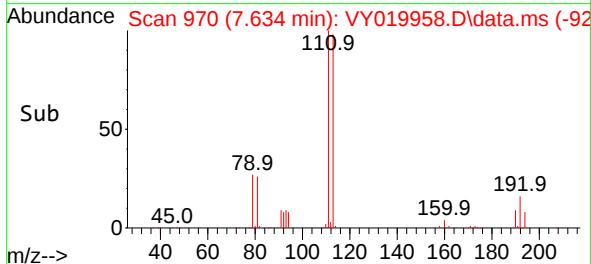


#35
Dibromofluoromethane
Concen: 49.594 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

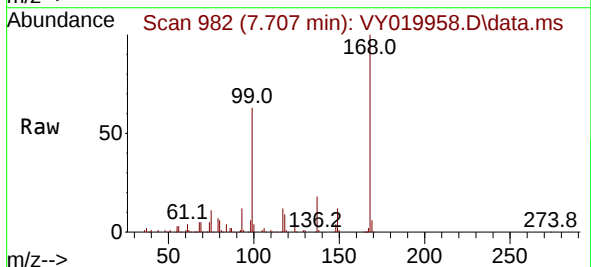
Instrument :
MSVOA_Y
ClientSampleId :



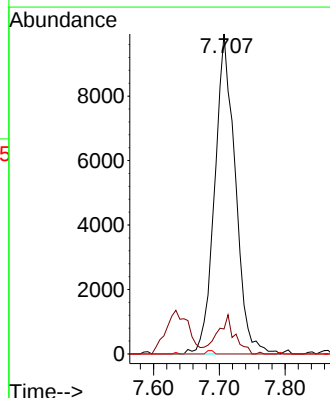
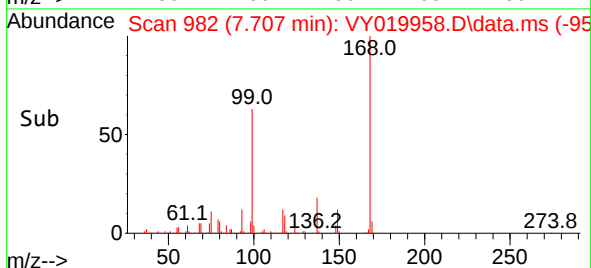
Tgt Ion:113 Resp: 146044
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 16.6 15.9 23.9

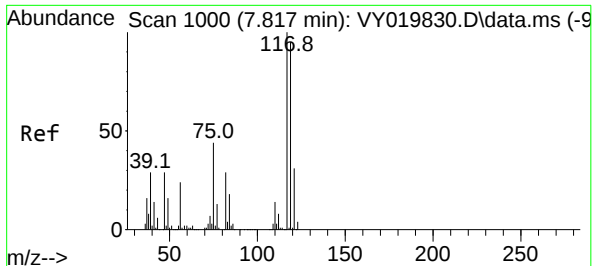


#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50



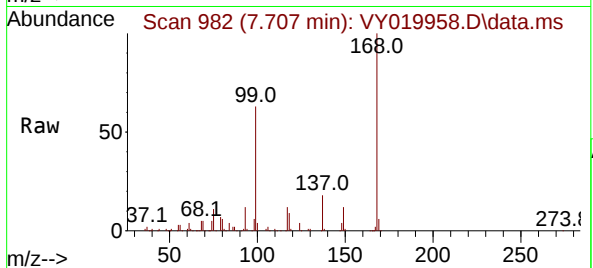
Tgt Ion: 75 Resp: 21647
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.0 25.3 37.9#



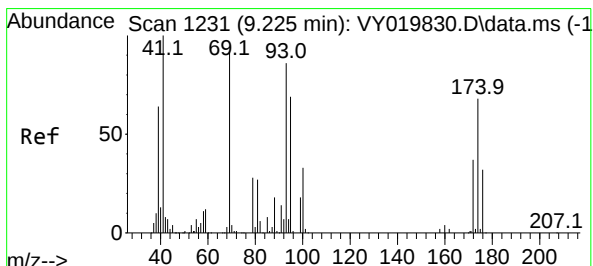
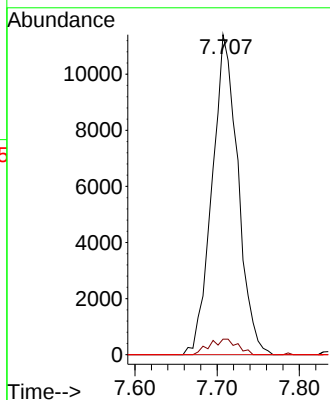
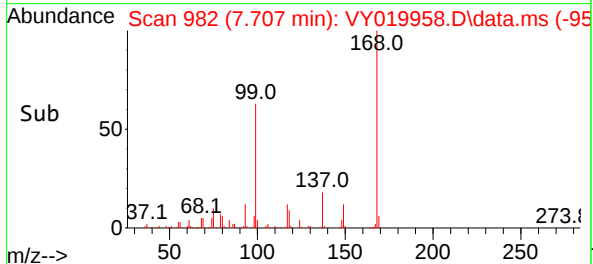


#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Instrument :
MSVOA_Y
ClientSampleId :

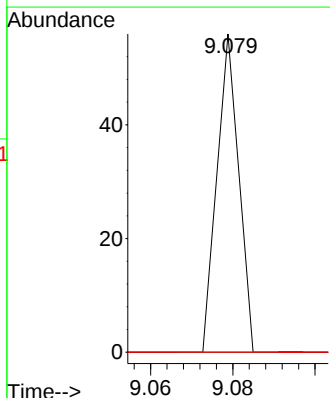
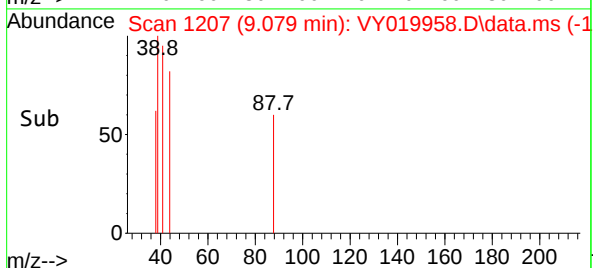
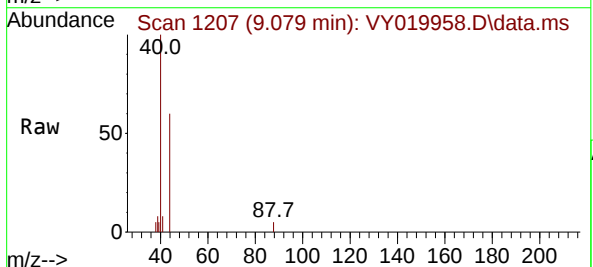


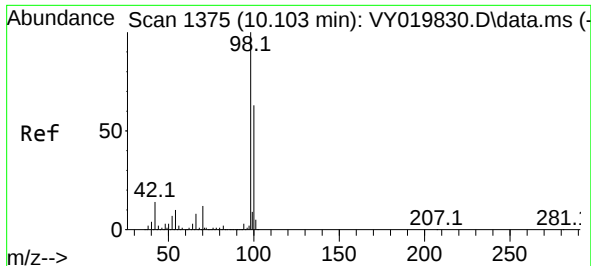
Tgt Ion:117 Resp: 24928
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.018 ug/l
RT: 9.079 min Scan# 1207
Delta R.T. -0.152 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

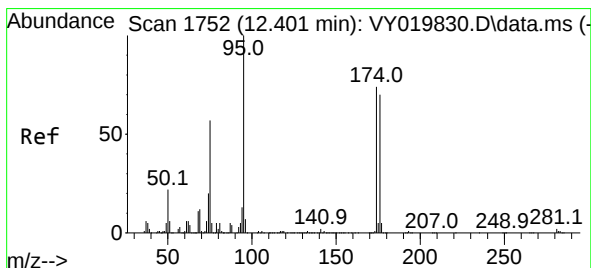
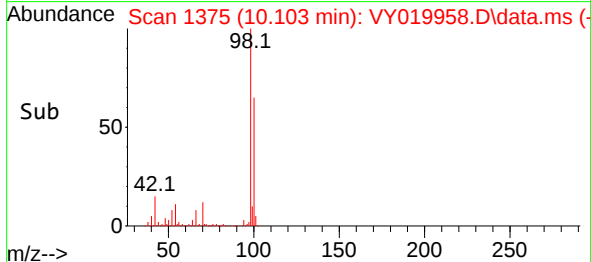
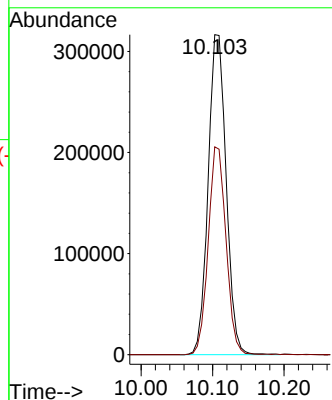
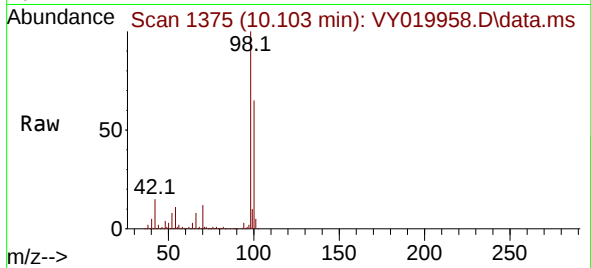




#50
Toluene-d8
Concen: 50.964 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

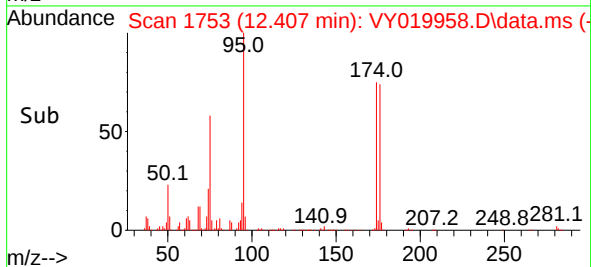
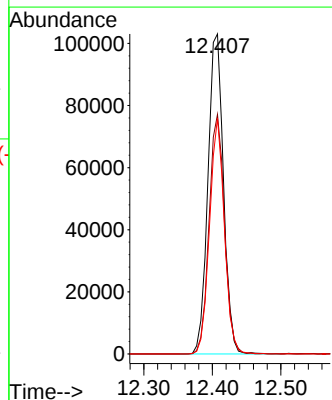
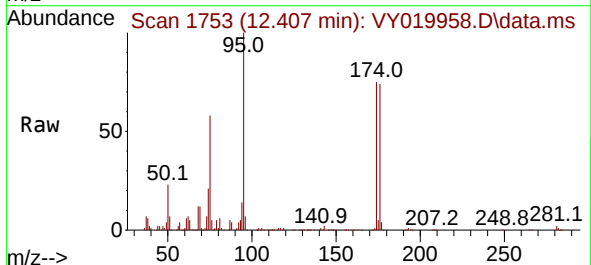
Instrument :
MSVOA_Y
ClientSampleId :

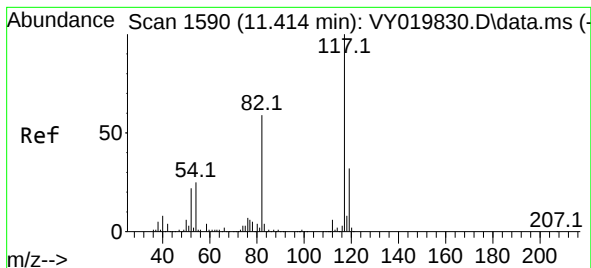
Tgt Ion: 98 Resp: 554220
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.392 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion: 95 Resp: 162642
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 70.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019958.D

Acq: 21 Oct 2024 12:50

Instrument :

MSVOA_Y

ClientSampleId :

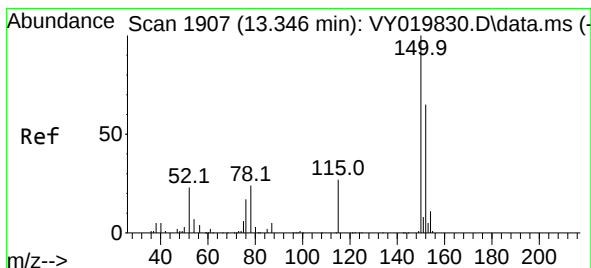
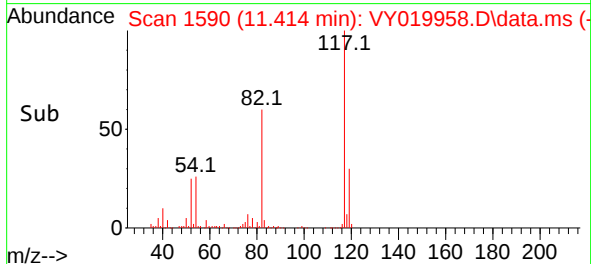
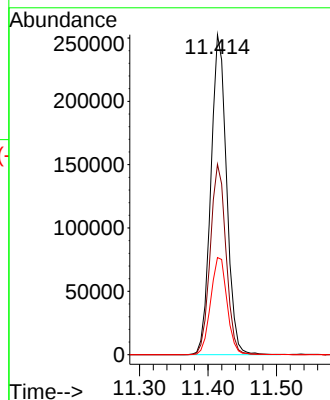
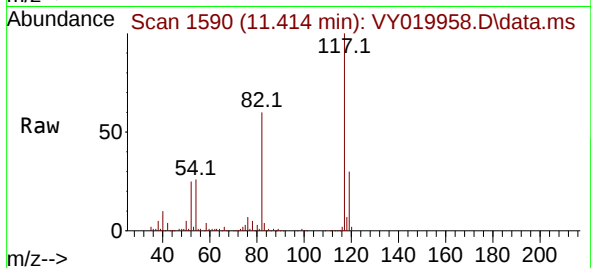
Tgt Ion:117 Resp: 403428

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 30.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019958.D

Acq: 21 Oct 2024 12:50

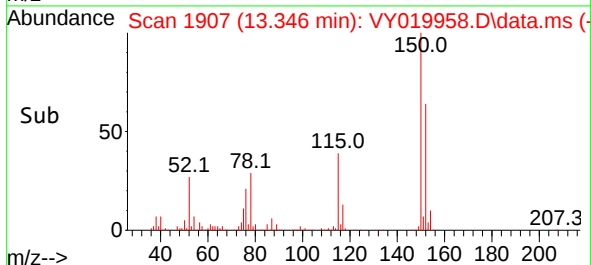
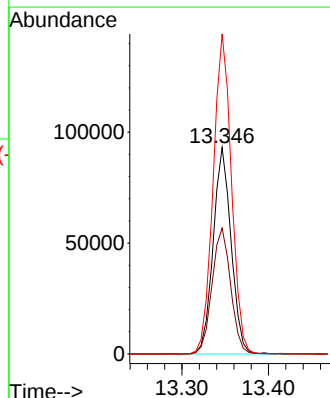
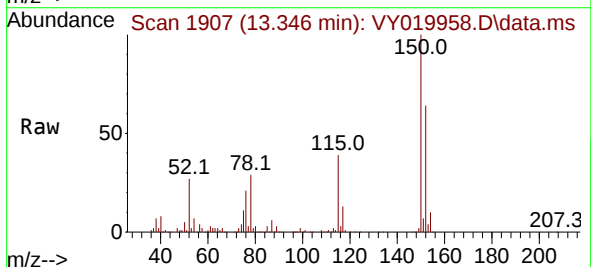
Tgt Ion:152 Resp: 133778

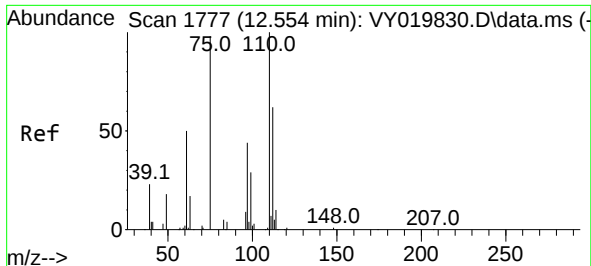
Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 158.1 0.0 345.6

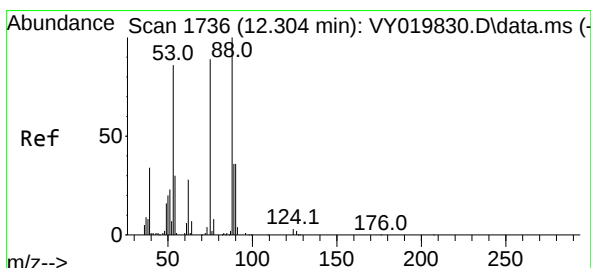
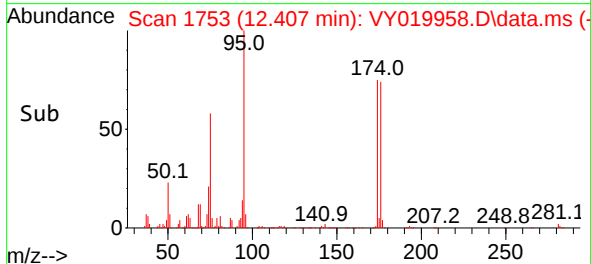
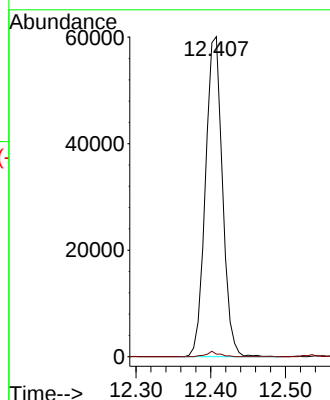
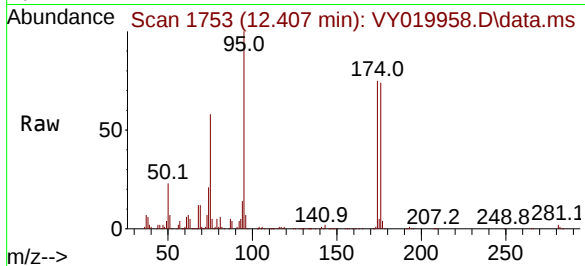




#76
1,2,3-Trichloropropane
Concen: 36.164 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 94774
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.970 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion: 75 Resp: 94774
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

