

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019960.D
 Acq On : 21 Oct 2024 13:37
 Operator : SY/MD
 Sample : P4458-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:31:34 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)

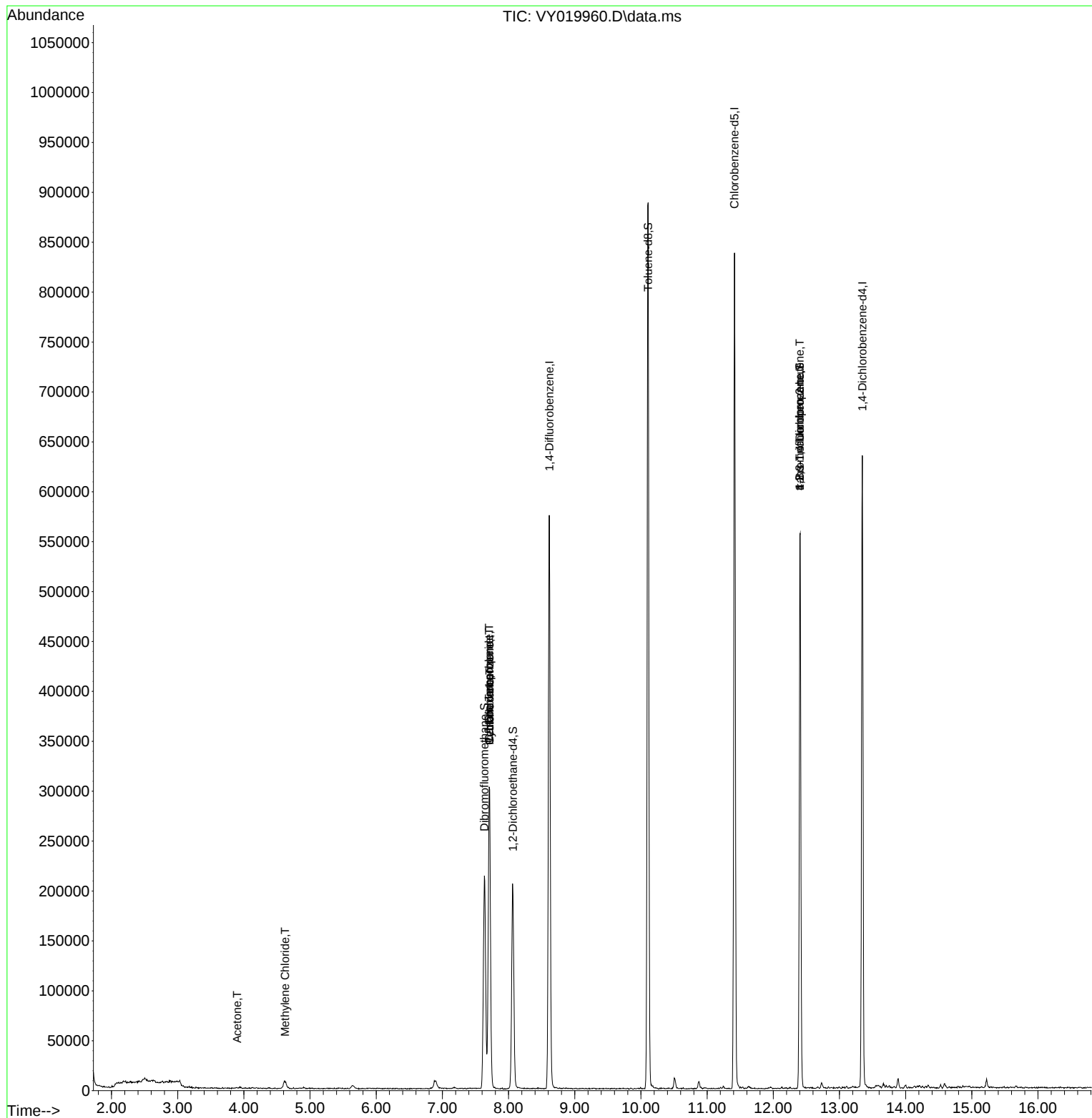
Internal Standards						
1) Pentafluorobenzene	7.713	168	211583	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	451177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	404483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	156673	60.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.280%	
35) Dibromofluoromethane	7.634	113	148882	50.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.020%	
50) Toluene-d8	10.109	98	558305	50.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.401	95	166721	41.967	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	407	Below Cal	#	88
16) Acetone	3.897	43	1431	2.110	ug/l #	66
20) Methylene Chloride	4.622	84	5147	1.268	ug/l #	75
31) Cyclohexane	7.713	56	6370	1.463	ug/l #	36
36) 1,1-Dichloropropene	7.707	75	21282	4.962	ug/l #	48
38) Carbon Tetrachloride	7.707	117	23938	5.206	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	98852	35.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	98852	142.472	ug/l #	16

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

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Quant Time: Oct 21 23:31:34 2024
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Quant Title : SW846 8260
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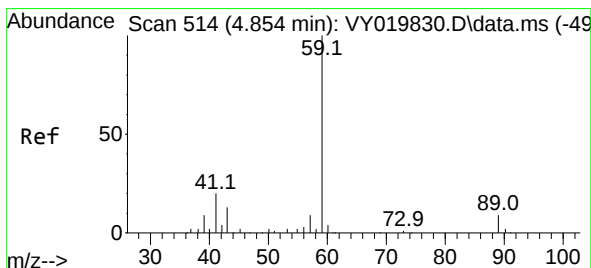
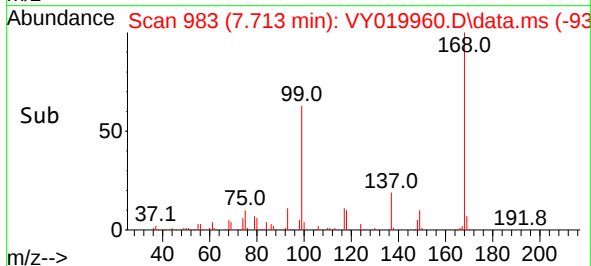
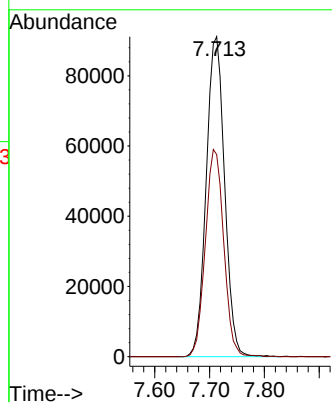
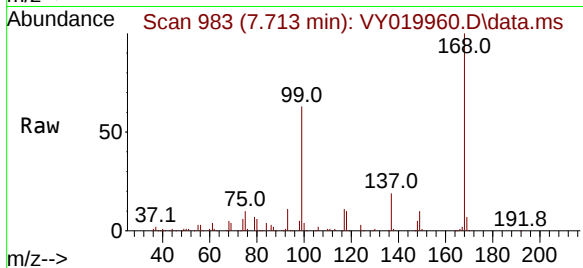




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

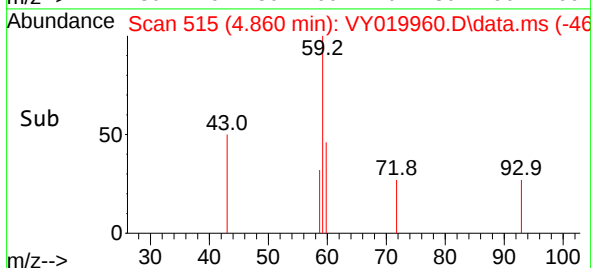
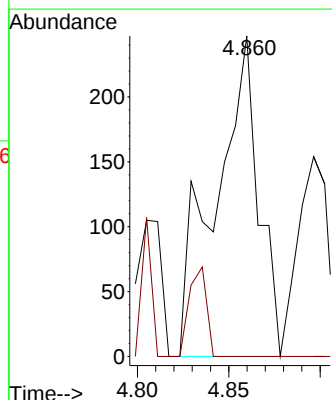
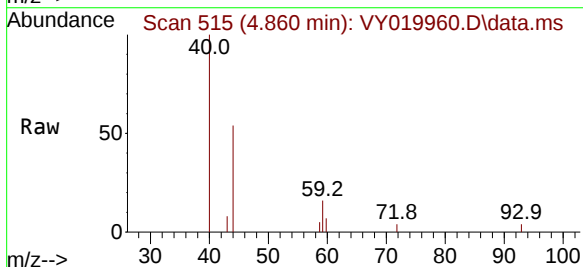
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 211583
Ion Ratio Lower Upper
168 100
99 63.1 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: VY019960.D
Acq: 21 Oct 2024 13:37

Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

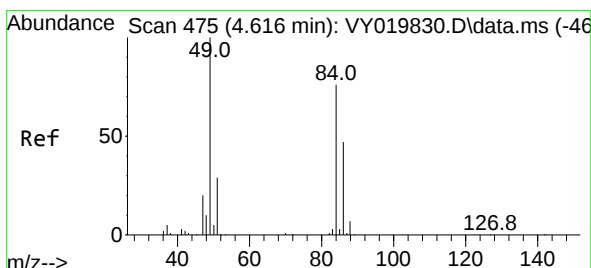
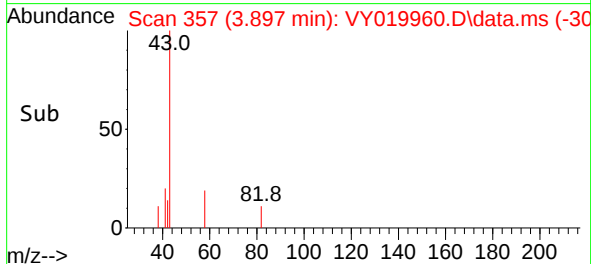
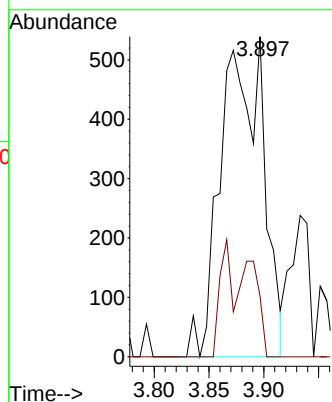
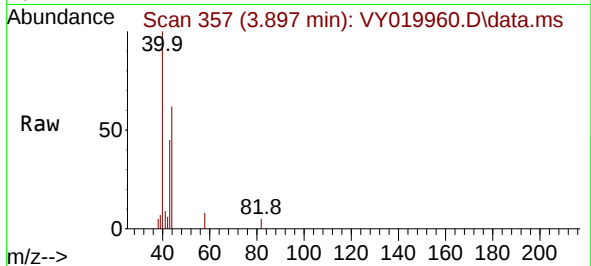




#16
Acetone
Concen: 2.110 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

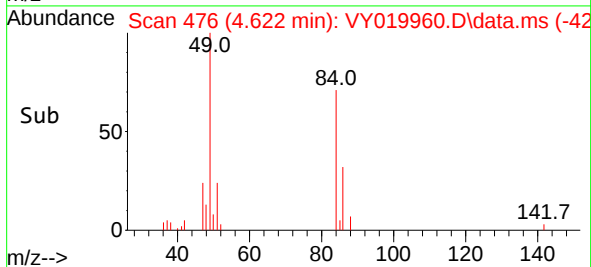
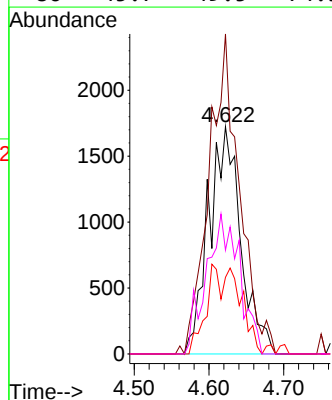
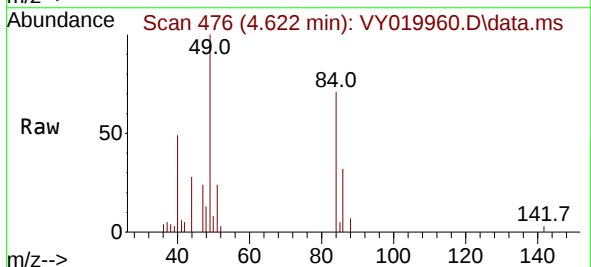
Instrument :
MSVOA_Y
ClientSampleId :

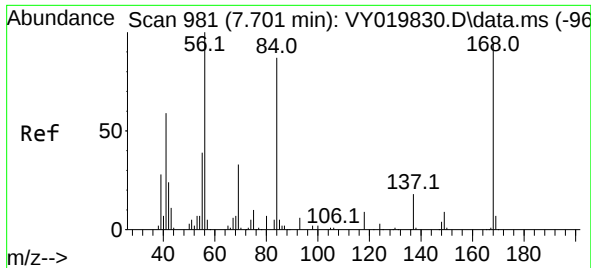
Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
58 18.9 31.7 47.5#



#20
Methylene Chloride
Concen: 1.268 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

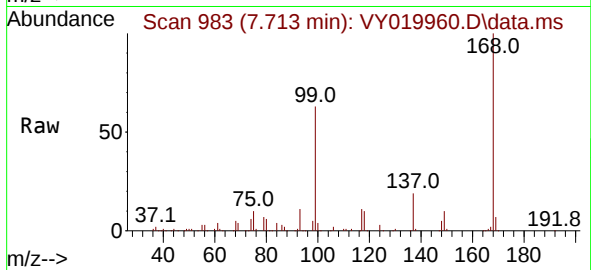
Tgt Ion: 84 Resp: 5147
Ion Ratio Lower Upper
84 100
49 140.8 84.4 126.6#
51 33.7 26.0 39.0
86 45.7 49.5 74.3#



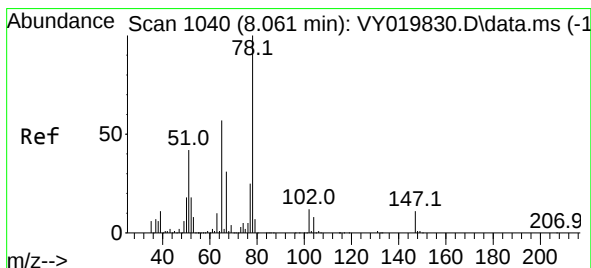
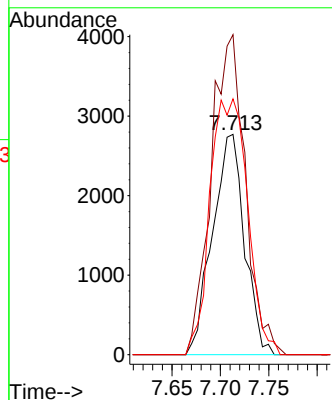
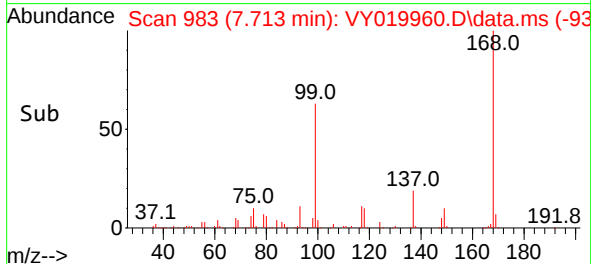


#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

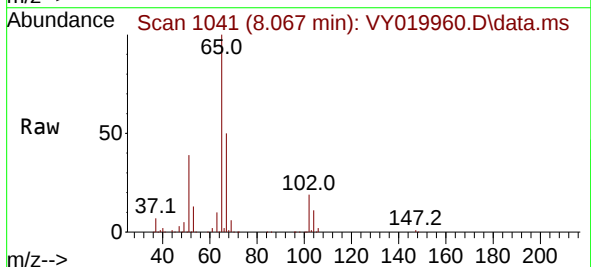
Instrument :
MSVOA_Y
ClientSampleId :



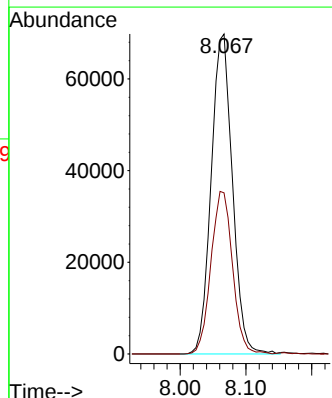
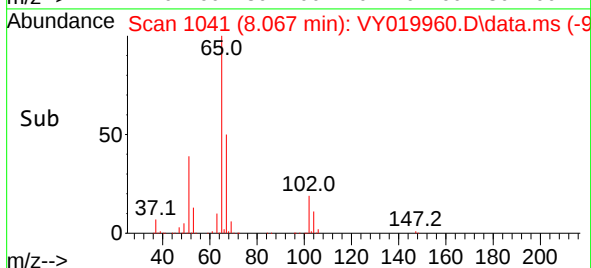
Tgt Ion: 56 Resp: 6370
Ion Ratio Lower Upper
56 100
69 145.3 28.7 43.1#
84 116.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 60.138 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37



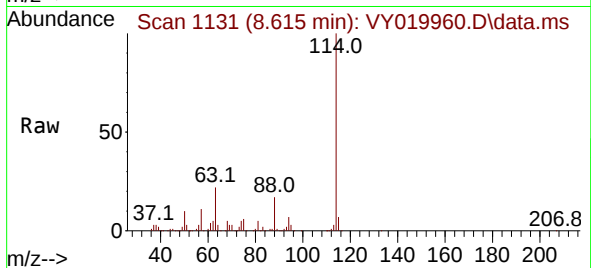
Tgt Ion: 65 Resp: 156673
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6



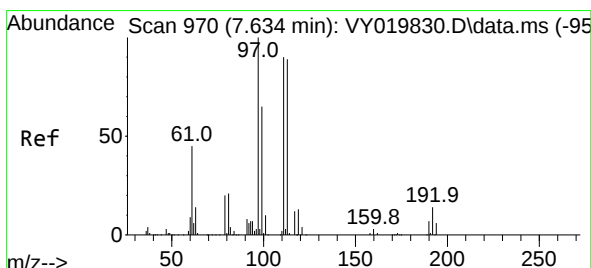
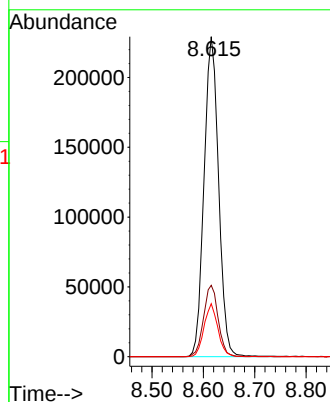
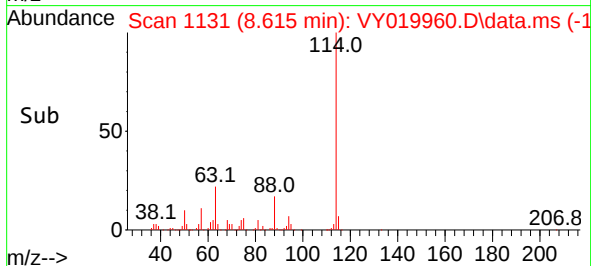


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

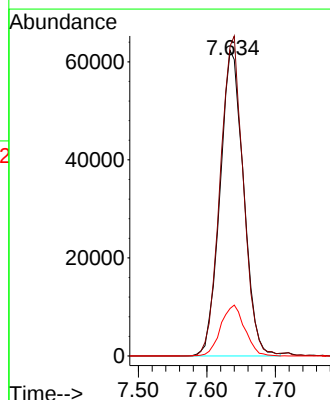
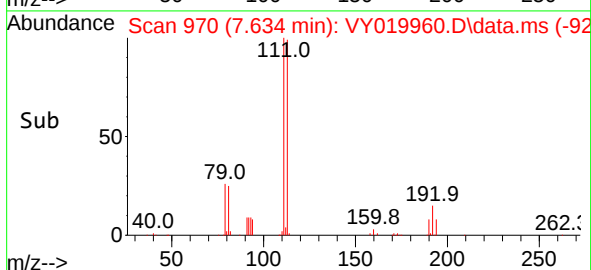
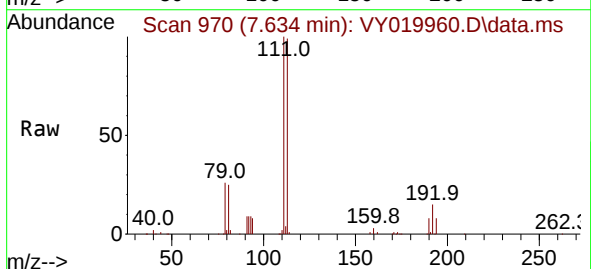


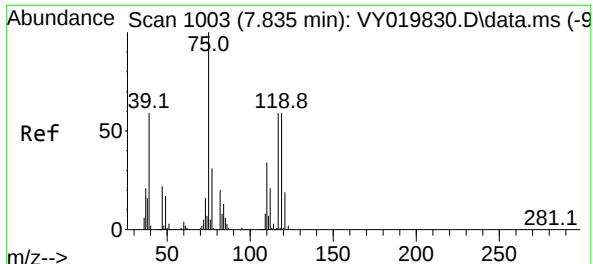
Tgt Ion:114 Resp: 451177
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

Tgt Ion:113 Resp: 148882
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 17.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.962 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019960.D

Acq: 21 Oct 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

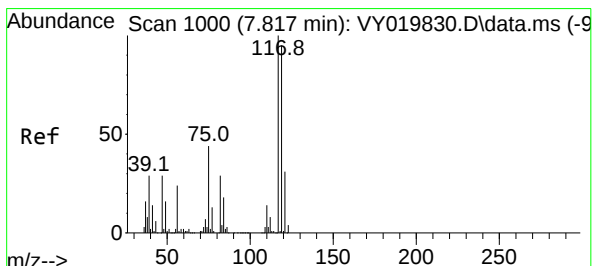
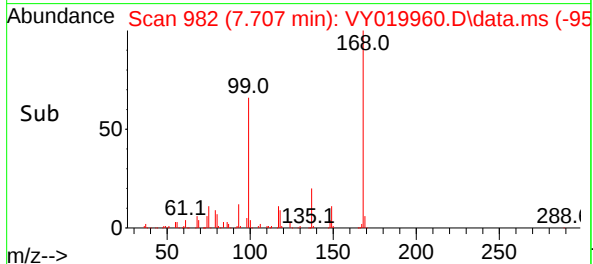
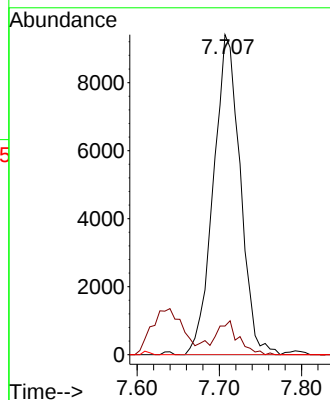
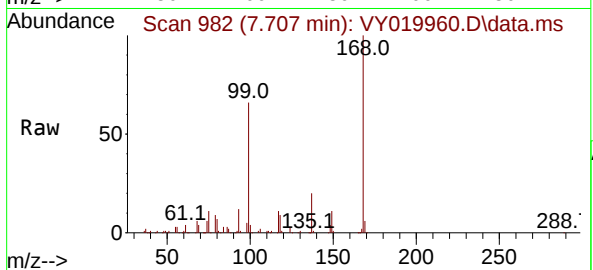
Tgt Ion: 75 Resp: 21282

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.206 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY019960.D

Acq: 21 Oct 2024 13:37

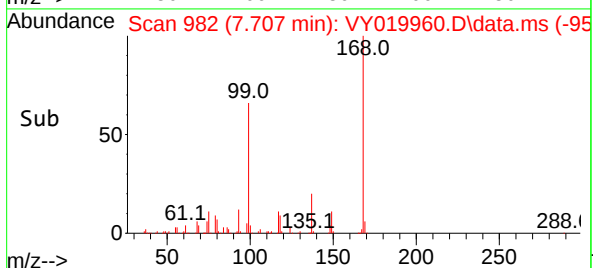
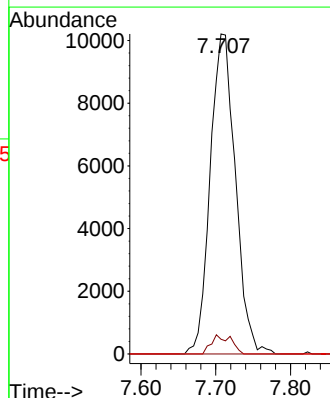
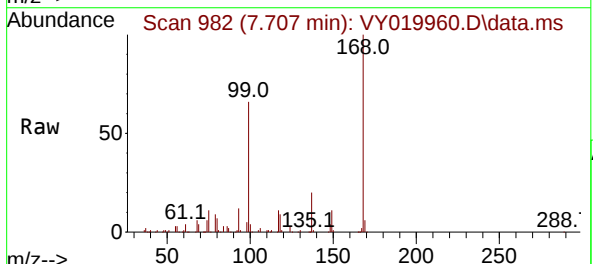
Tgt Ion: 117 Resp: 23938

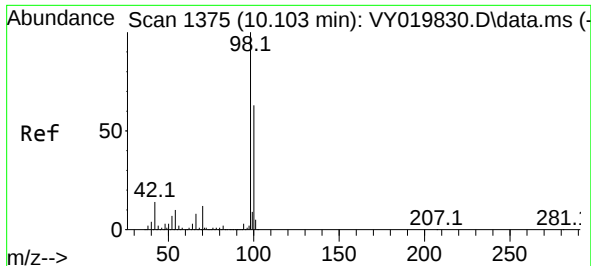
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#

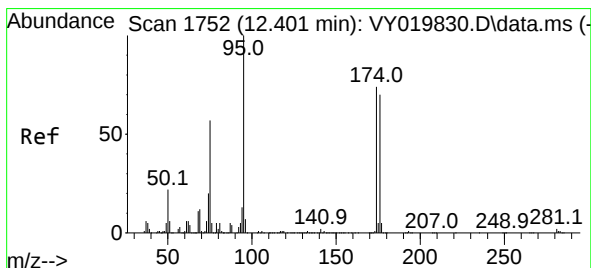
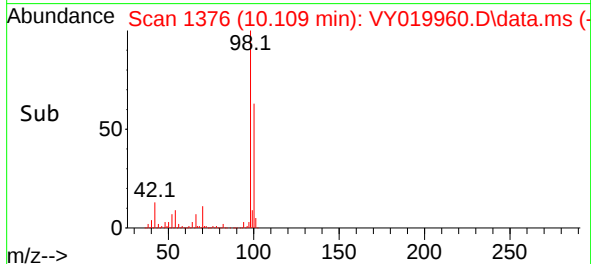
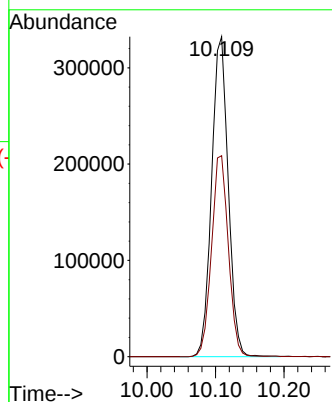
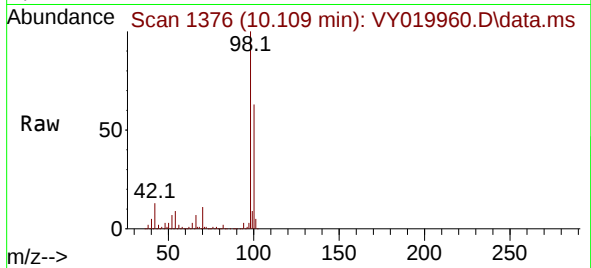




#50
Toluene-d8
Concen: 50.780 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

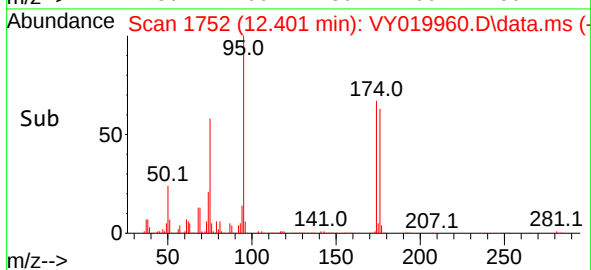
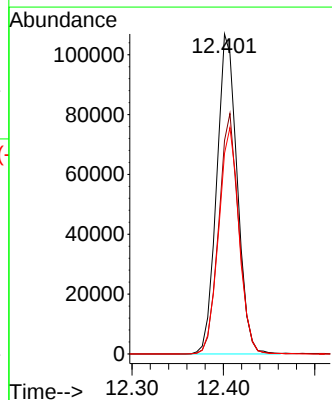
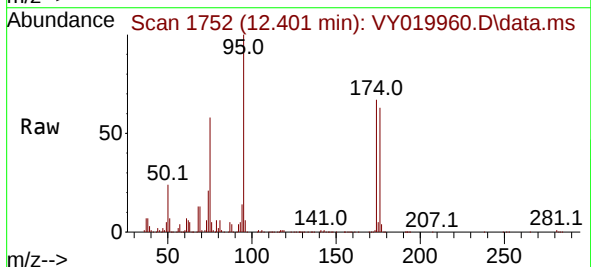
Instrument :
MSVOA_Y
ClientSampleId :

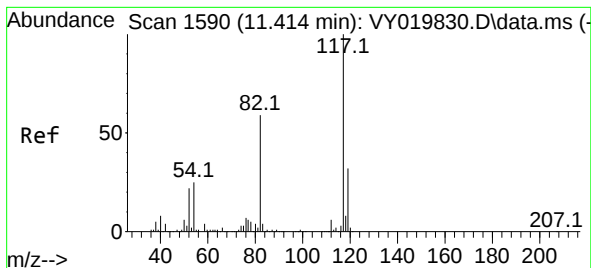
Tgt Ion: 98 Resp: 558305
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.967 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

Tgt Ion: 95 Resp: 166721
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

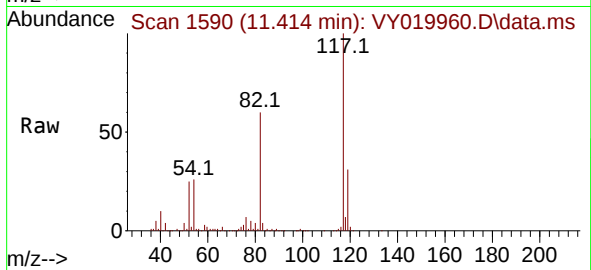
Lab File: VY019960.D

Acq: 21 Oct 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :



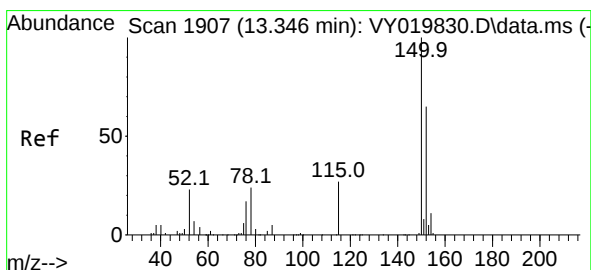
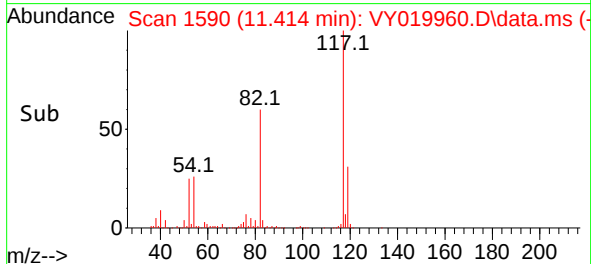
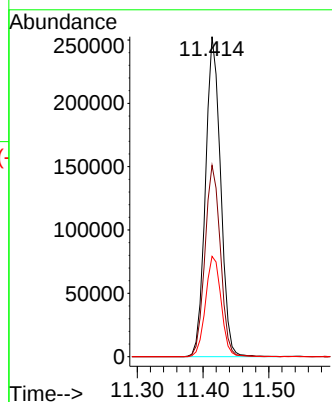
Tgt Ion:117 Resp: 404483

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.3 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: VY019960.D

Acq: 21 Oct 2024 13:37

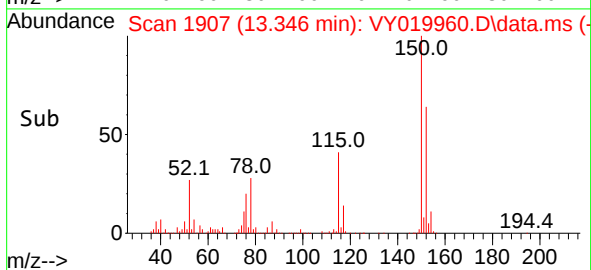
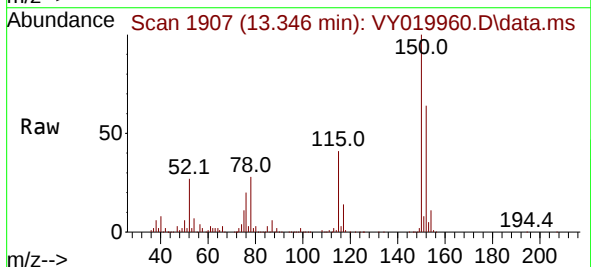
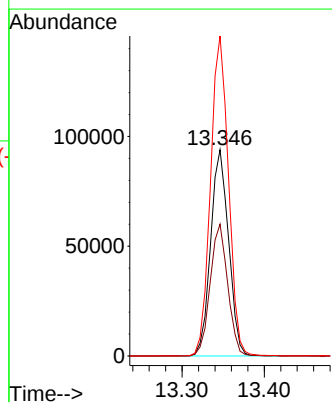
Tgt Ion:152 Resp: 142960

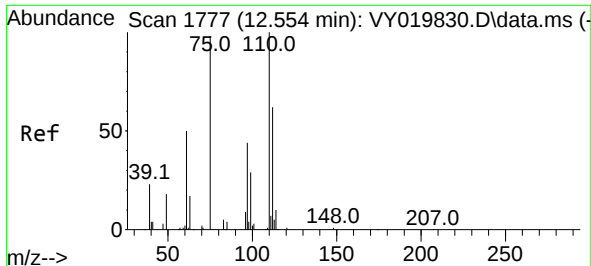
Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 154.7 0.0 345.6

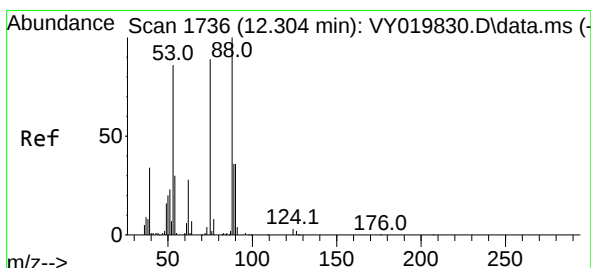
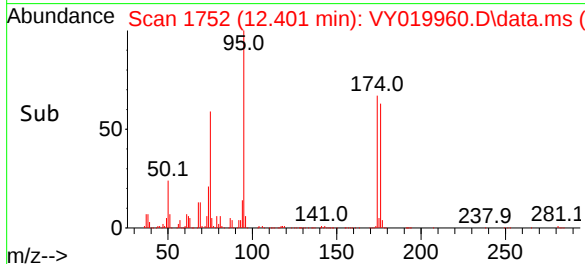
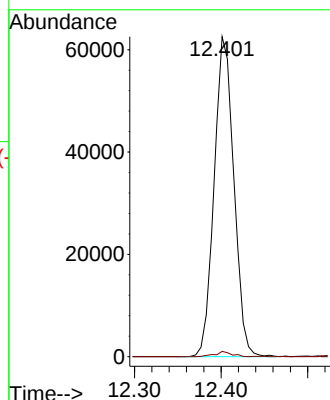
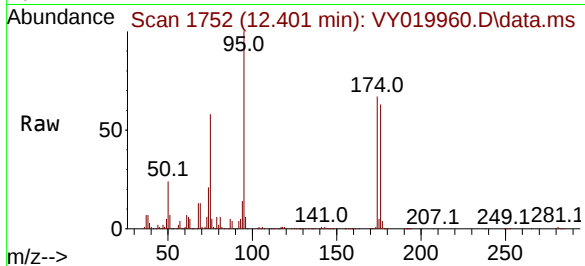




#76
1,2,3-Trichloropropane
Concen: 35.297 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 98852
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.472 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019960.D
Acq: 21 Oct 2024 13:37

Tgt Ion: 75 Resp: 98852
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

