

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019970.D
 Acq On : 22 Oct 2024 10:36
 Operator : SY/MD
 Sample : VY1022SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:24:28 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)

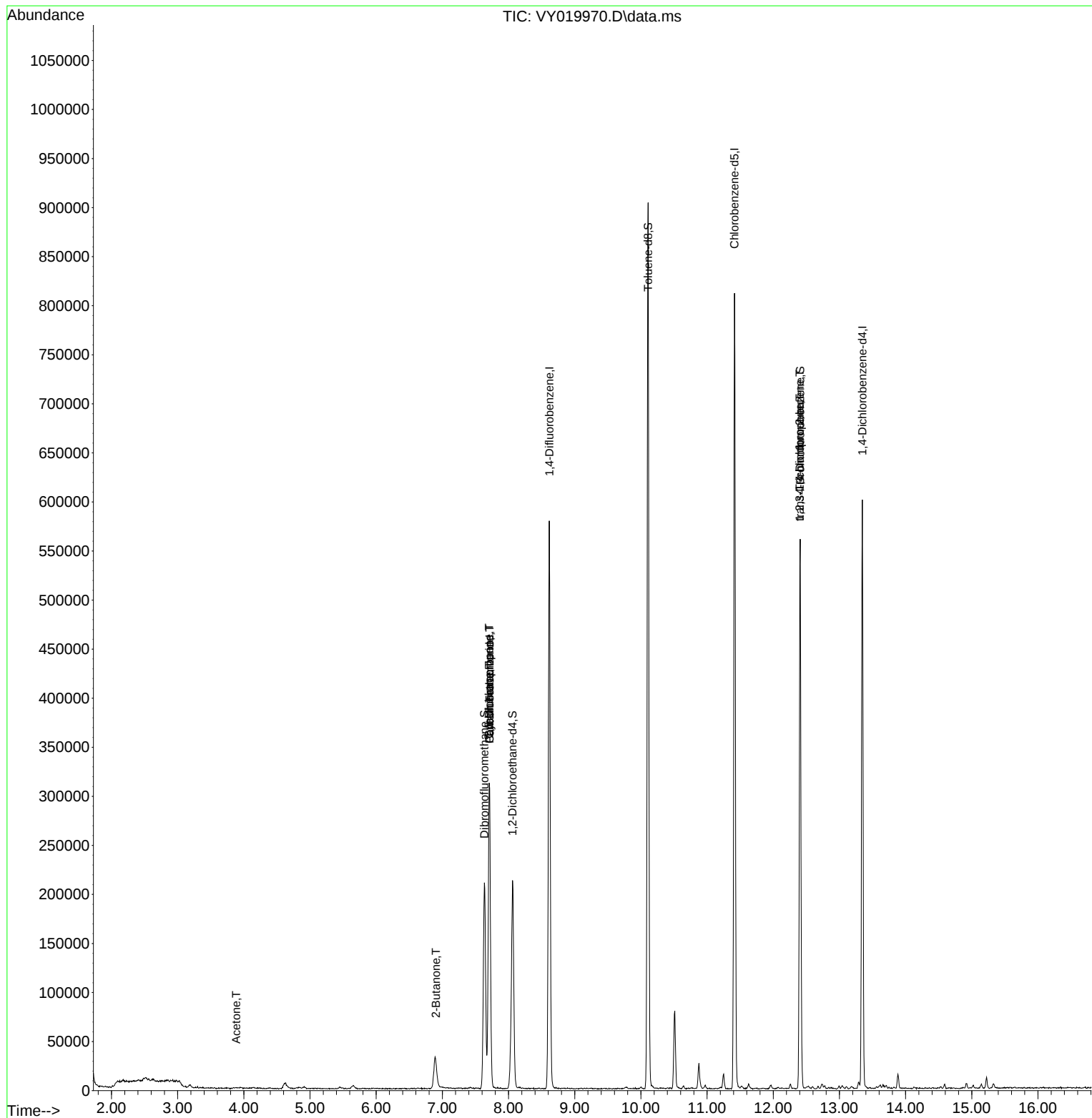
Internal Standards						
1) Pentafluorobenzene	7.713	168	219150	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	450425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	395647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	132931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150698	55.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.700%	
35) Dibromofluoromethane	7.634	113	145305	48.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.780%	
50) Toluene-d8	10.109	98	554994	50.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.408	95	159930	40.325	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	277	Below Cal	#	87
16) Acetone	3.885	43	1635	2.328	ug/l #	36
25) 2-Butanone	6.903	43	2306	2.453	ug/l #	81
31) Cyclohexane	7.707	56	7071	1.568	ug/l #	27
36) 1,1-Dichloropropene	7.707	75	23111	5.397	ug/l #	48
38) Carbon Tetrachloride	7.713	117	24246	5.282	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	94189	36.169	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	94189	145.994	ug/l #	16

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

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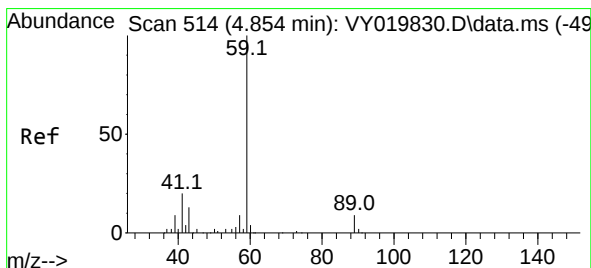
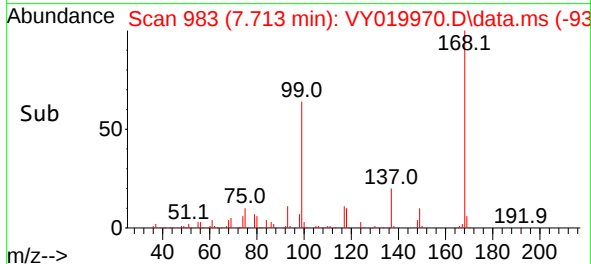
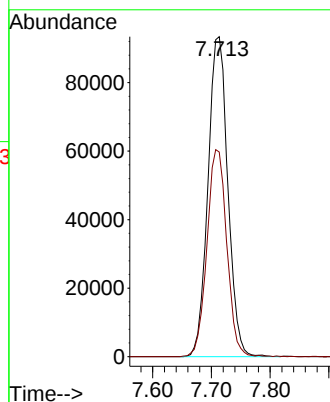
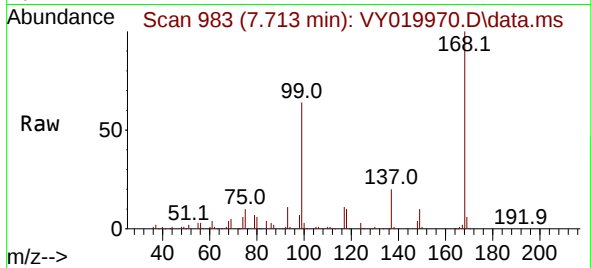




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

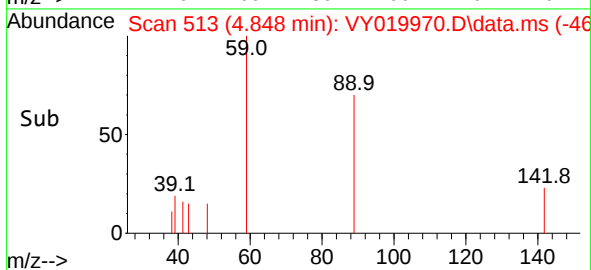
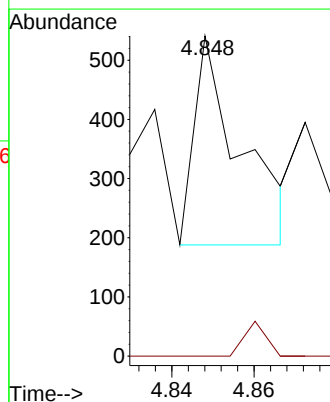
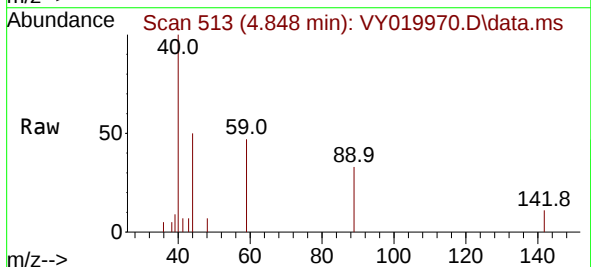
Instrument :
MSVOA_Y
ClientSampleId :

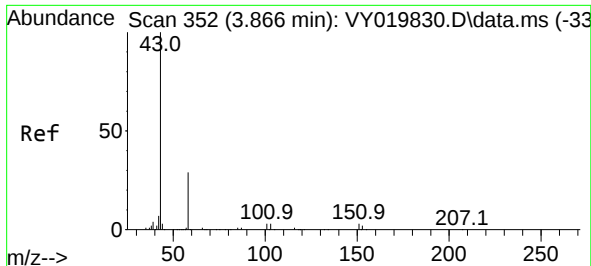
Tgt Ion:168 Resp: 219150
Ion Ratio Lower Upper
168 100
99 64.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.6#

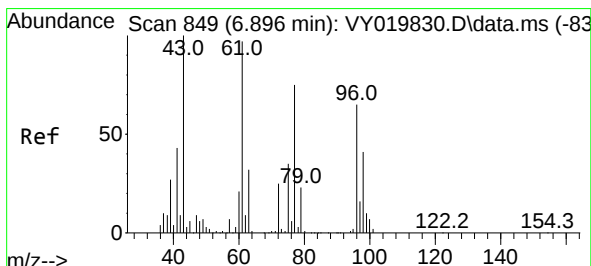
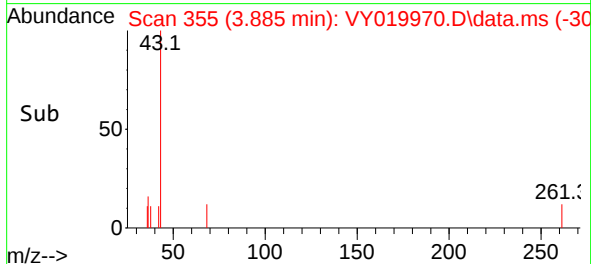
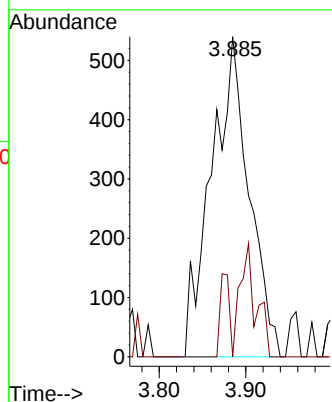
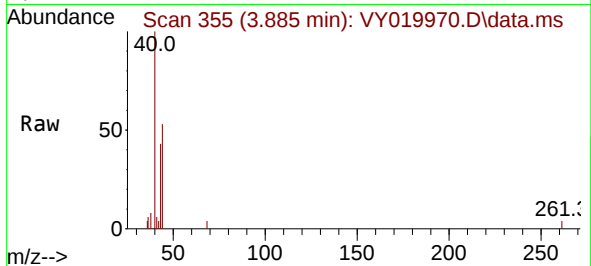




#16
Acetone
Concen: 2.328 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

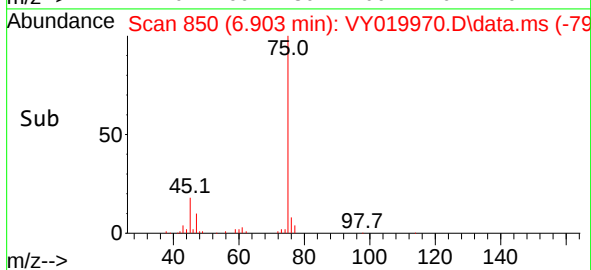
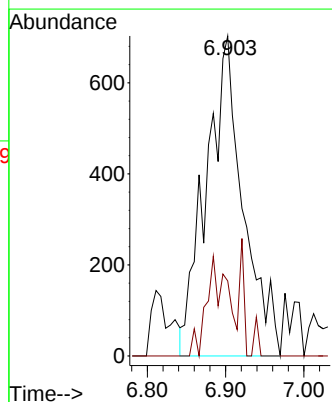
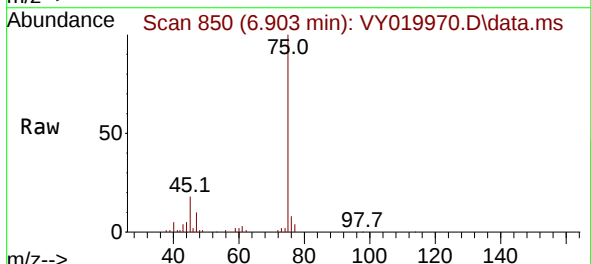
Instrument :
MSVOA_Y
ClientSampleId :

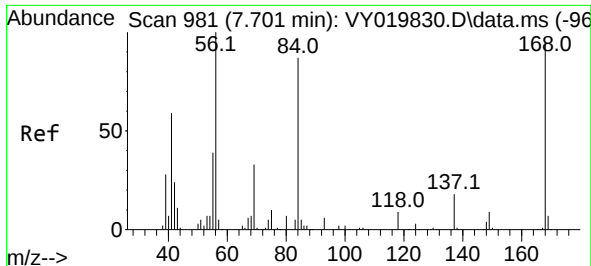
Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#25
2-Butanone
Concen: 2.453 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

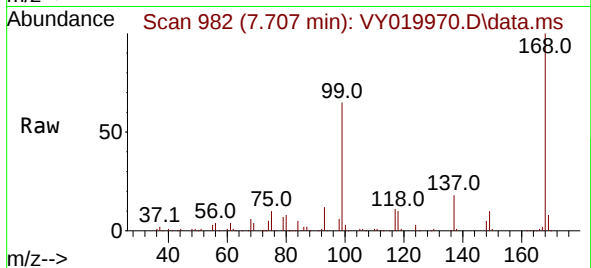
Tgt Ion: 43 Resp: 2306
Ion Ratio Lower Upper
43 100
72 23.5 27.3 40.9#



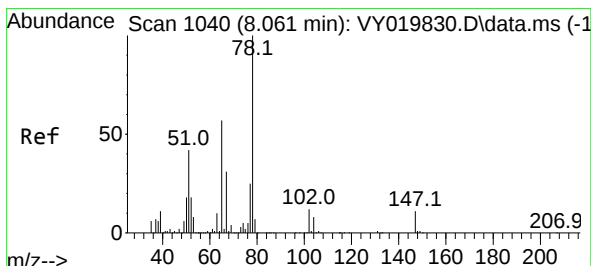
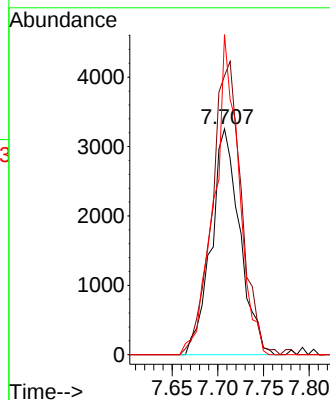
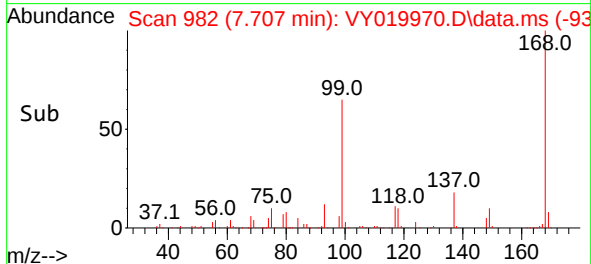


#31
Cyclohexane
Concen: 1.568 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :

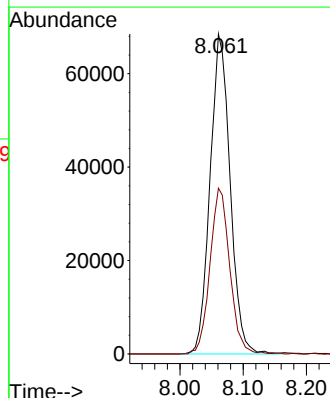
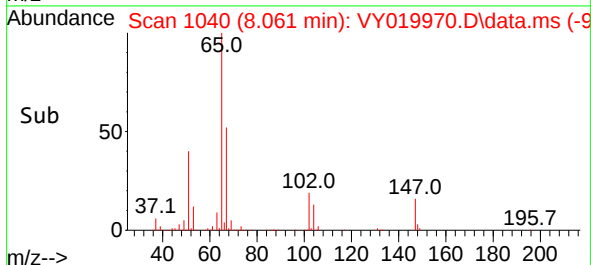
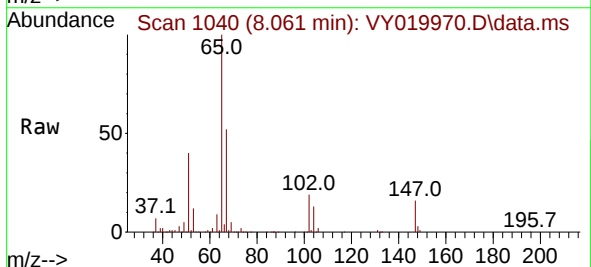


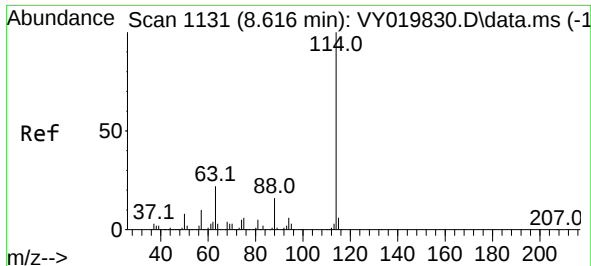
Tgt Ion: 56 Resp: 7071
Ion Ratio Lower Upper
56 100
69 123.5 28.7 43.1#
84 141.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.848 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

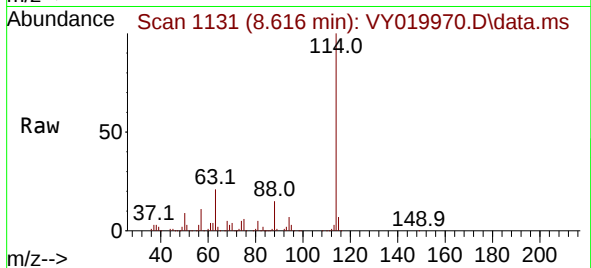
Tgt Ion: 65 Resp: 150698
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6



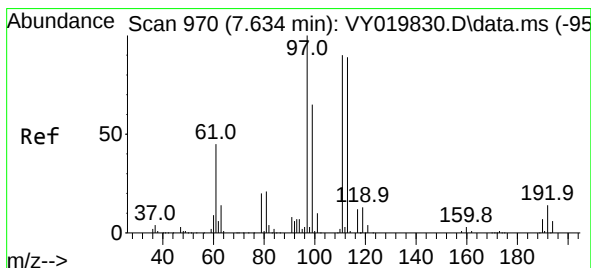
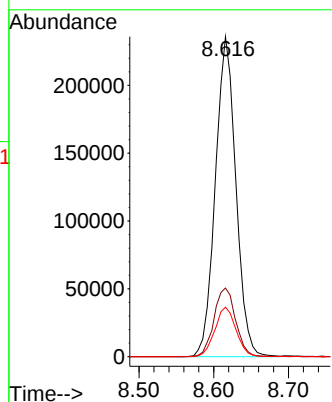
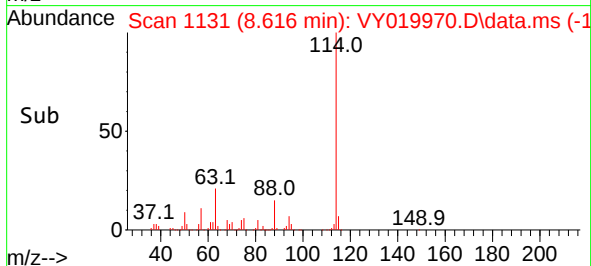


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :

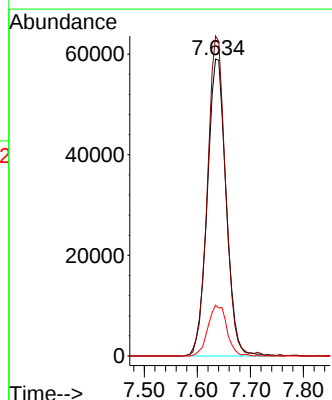
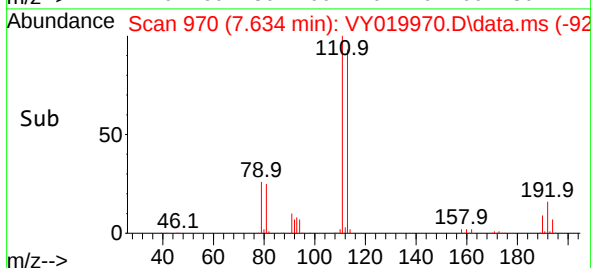
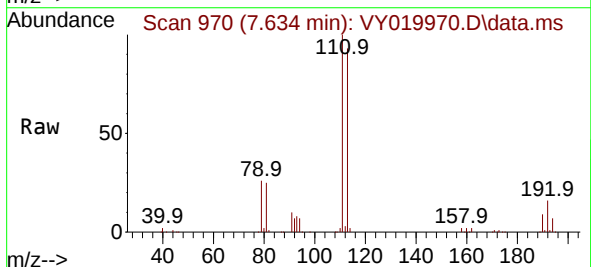


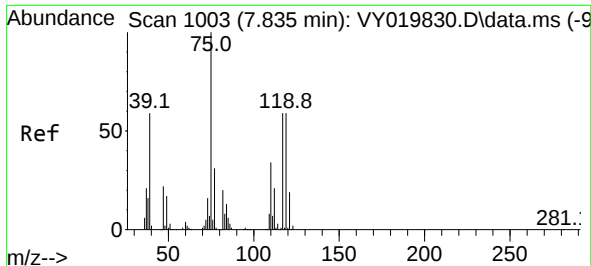
Tgt Ion:114 Resp: 450425
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.886 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

Tgt Ion:113 Resp: 145305
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 17.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.397 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

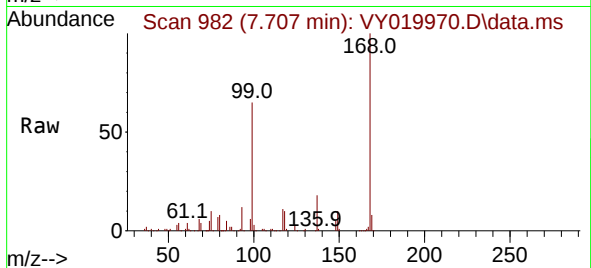
Lab File: VY019970.D

Acq: 22 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :



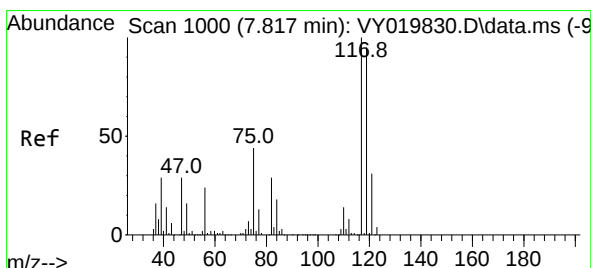
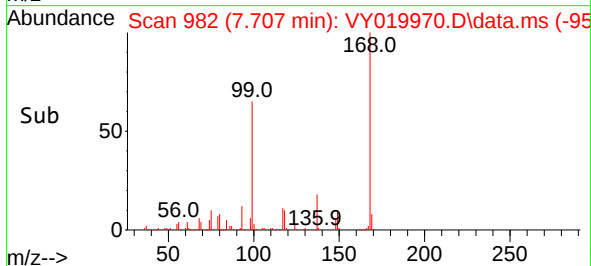
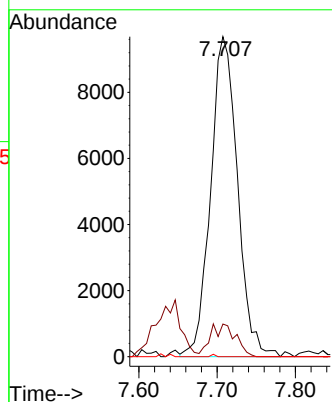
Tgt Ion: 75 Resp: 23111

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY019970.D

Acq: 22 Oct 2024 10:36

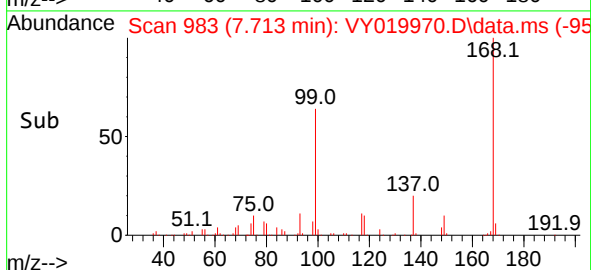
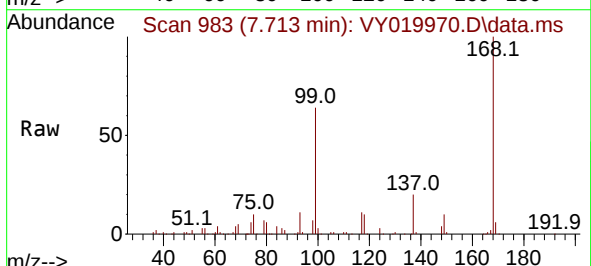
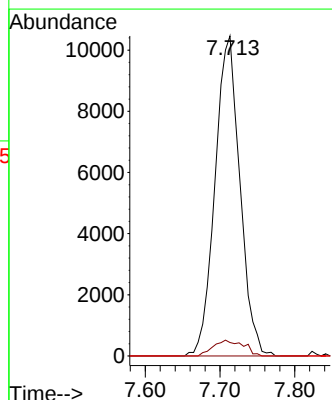
Tgt Ion: 117 Resp: 24246

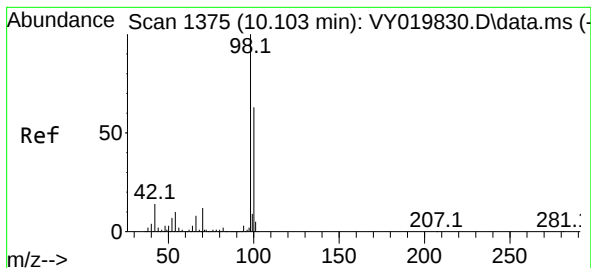
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.6#

121 0.0 24.0 36.0#

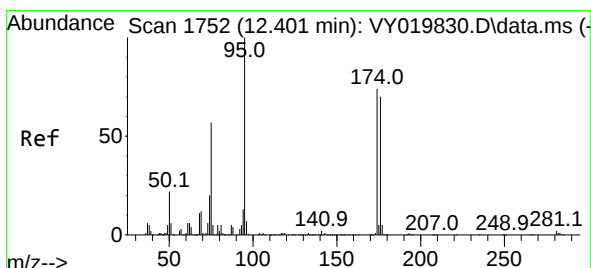
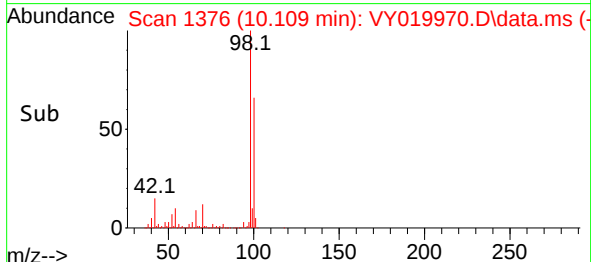
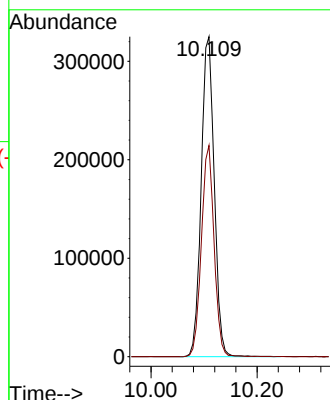
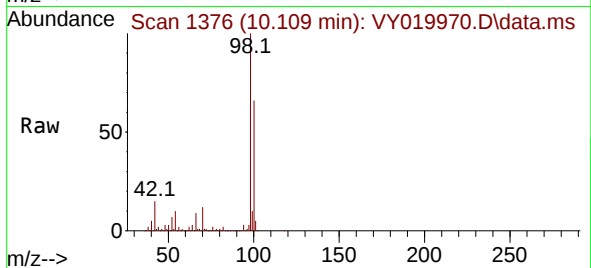




#50
Toluene-d8
Concen: 50.563 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

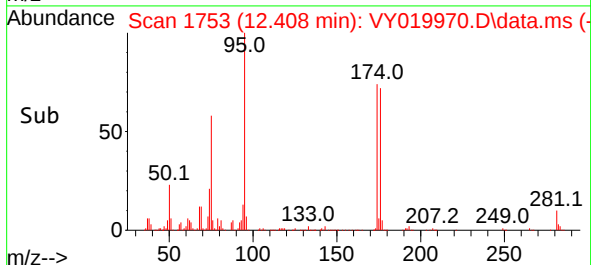
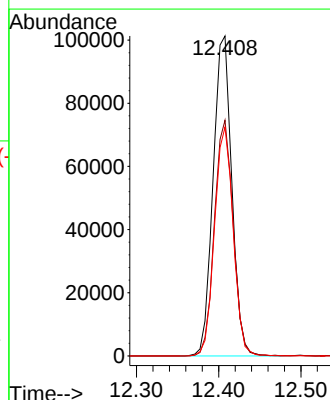
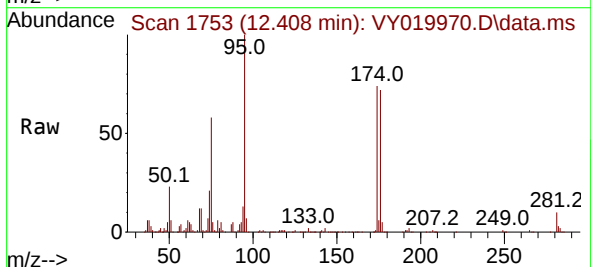
Instrument :
MSVOA_Y
ClientSampleId :

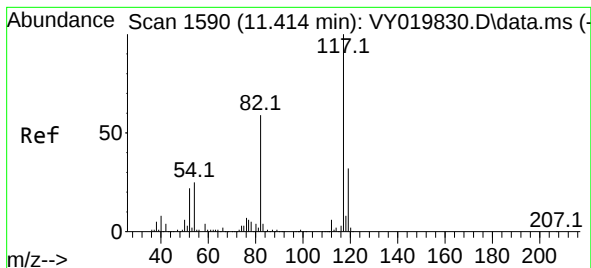
Tgt Ion: 98 Resp: 554994
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.325 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 95 Resp: 159930
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 71.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

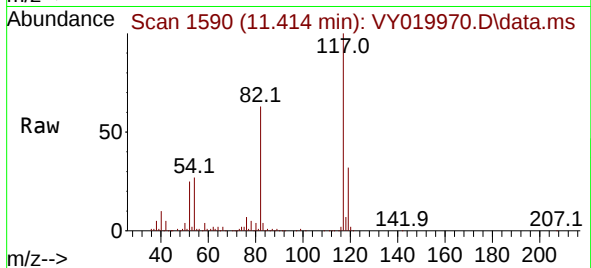
Lab File: VY019970.D

Acq: 22 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :



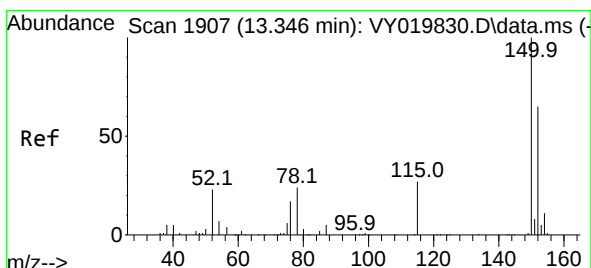
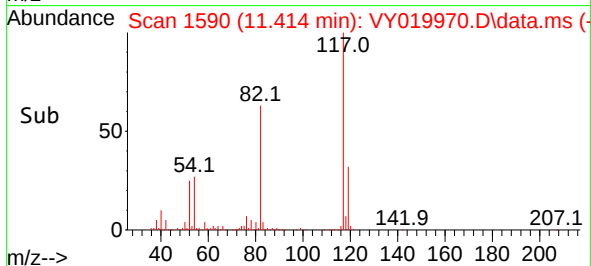
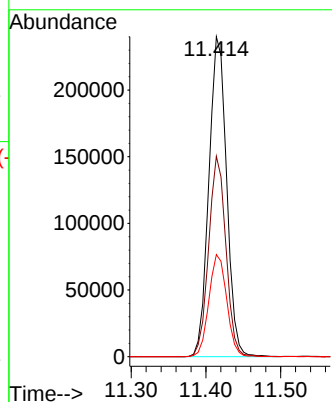
Tgt Ion:117 Resp: 395647

Ion Ratio Lower Upper

117 100

82 62.6 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019970.D

Acq: 22 Oct 2024 10:36

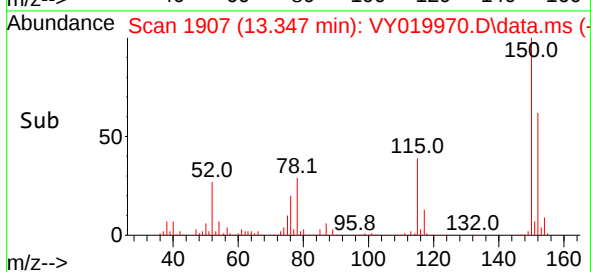
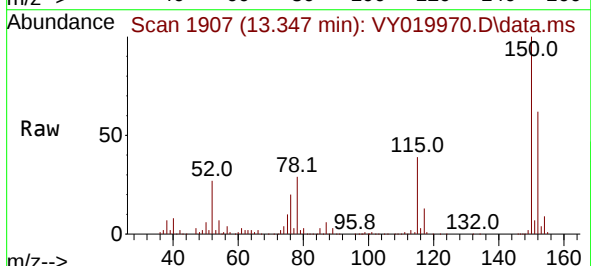
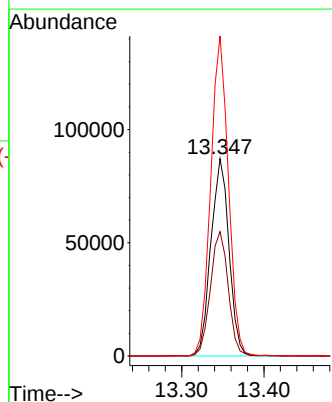
Tgt Ion:152 Resp: 132931

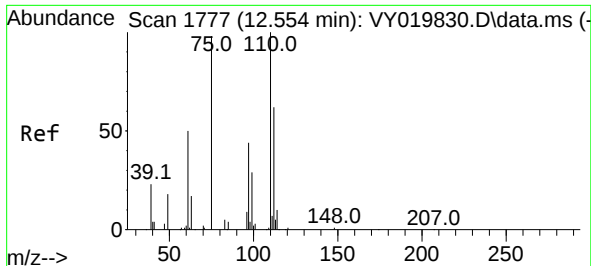
Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 158.7 0.0 345.6

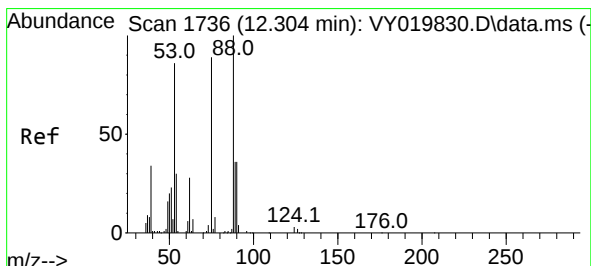
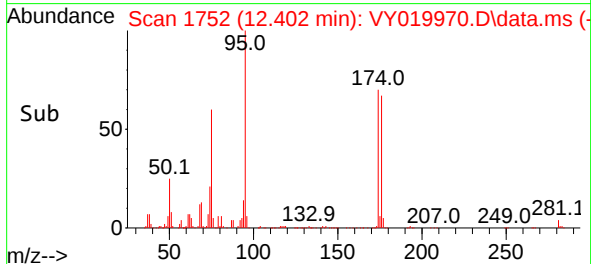
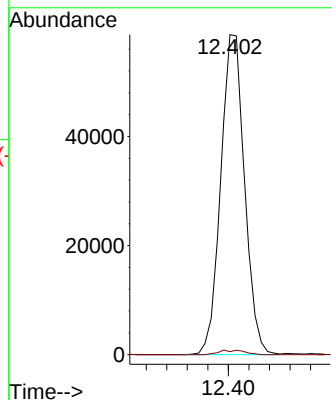
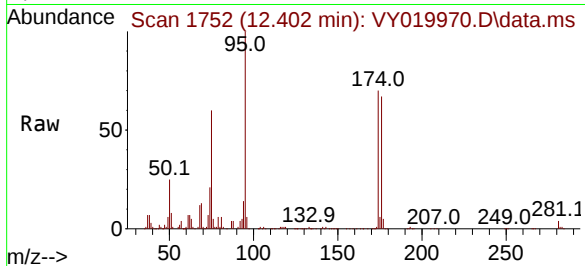




#76
1,2,3-Trichloropropane
Concen: 36.169 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 94189
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.994 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019970.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 75 Resp: 94189
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#

