

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019883.D
 Acq On : 14 Oct 2024 10:31
 Operator : SY/MD
 Sample : VY1014SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:33:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

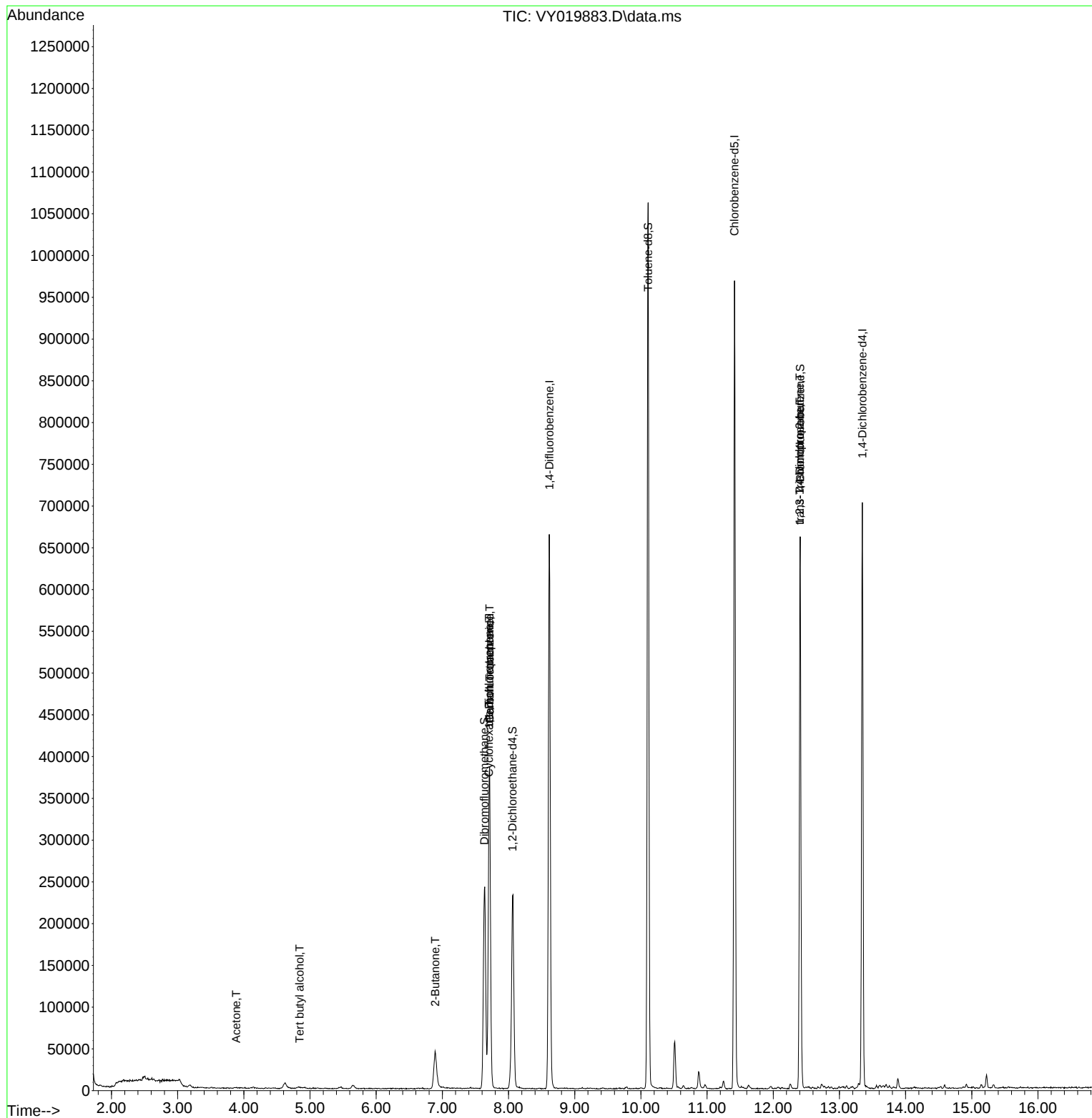
Internal Standards						
1) Pentafluorobenzene	7.713	168	272092	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	541333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	470368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174249	52.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.020%	
35) Dibromofluoromethane	7.634	113	174734	48.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.820%	
50) Toluene-d8	10.109	98	661718	50.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.408	95	192068	40.295	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	2075	6.611	ug/l #	93
16) Acetone	3.885	43	1923	2.205	ug/l #	77
25) 2-Butanone	6.890	43	3114	2.668	ug/l #	68
31) Cyclohexane	7.701	56	8138	1.454	ug/l #	64
36) 1,1-Dichloropropene	7.707	75	26206	5.092	ug/l #	48
38) Carbon Tetrachloride	7.713	117	30254	5.484	ug/l #	18
76) 1,2,3-Trichloropropane	12.401	75	110045	35.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	110045	144.772	ug/l #	16

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

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Quant Time: Oct 15 01:33:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

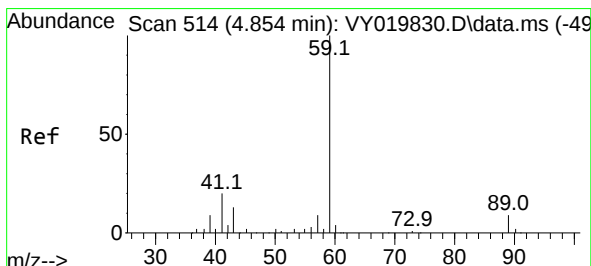
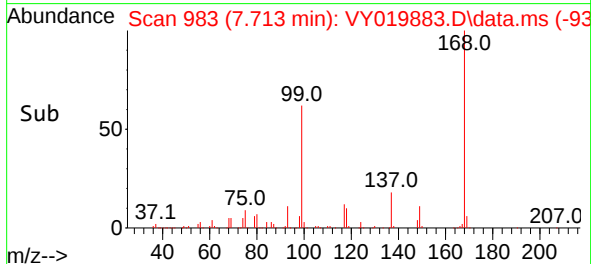
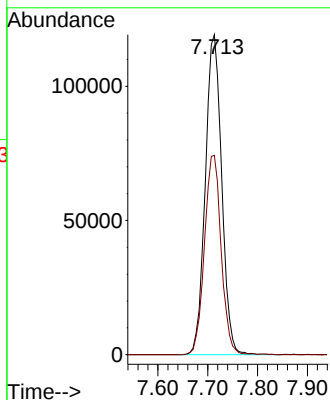
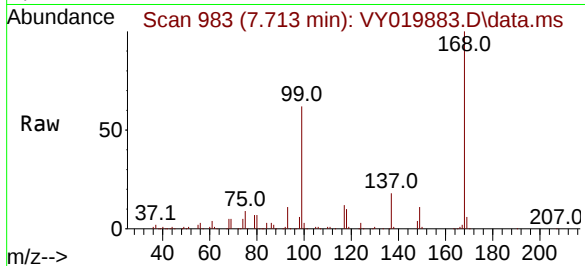




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

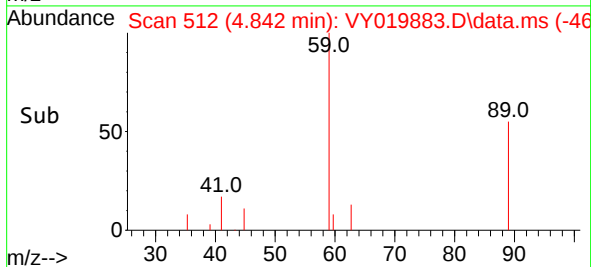
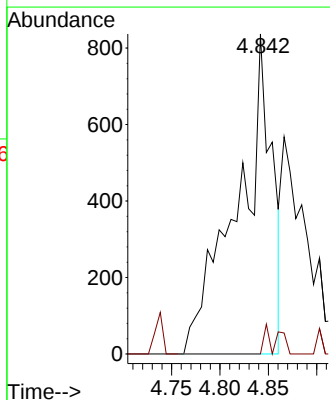
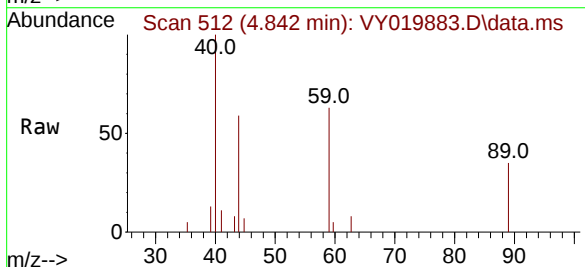
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 272092
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 6.611 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

Tgt Ion: 59 Resp: 2075
Ion Ratio Lower Upper
59 100
57 1.4 3.0 4.6#

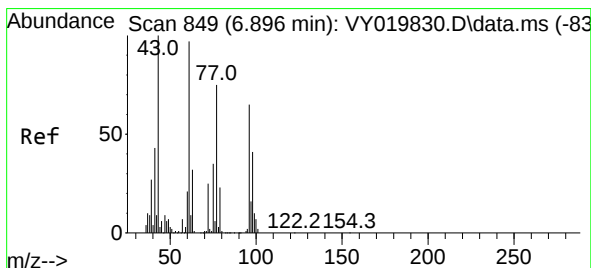
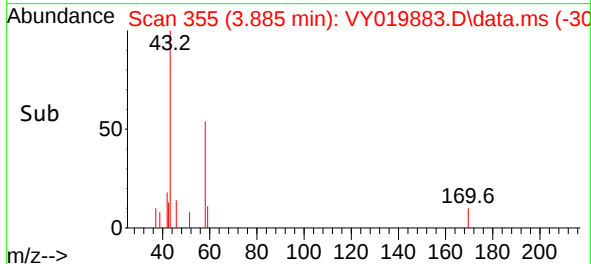
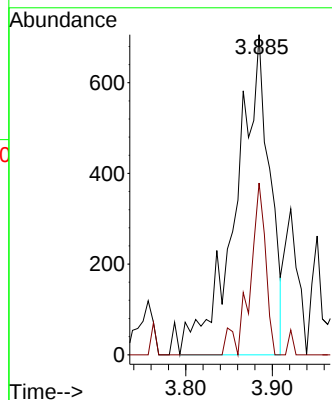
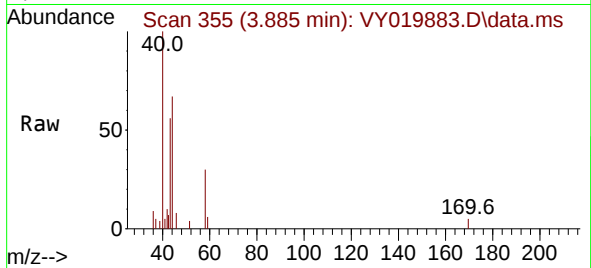




#16
Acetone
Concen: 2.205 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

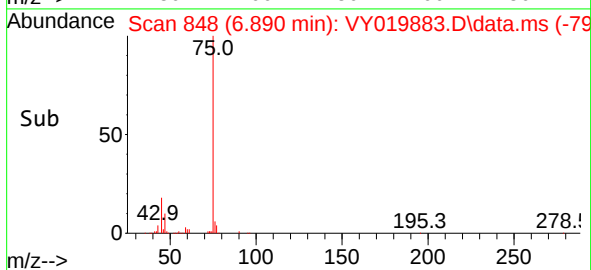
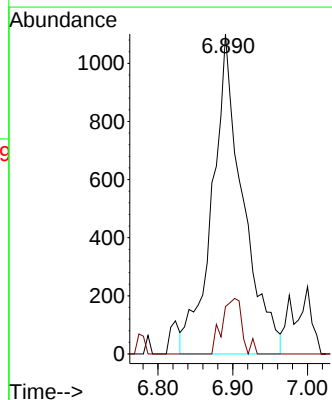
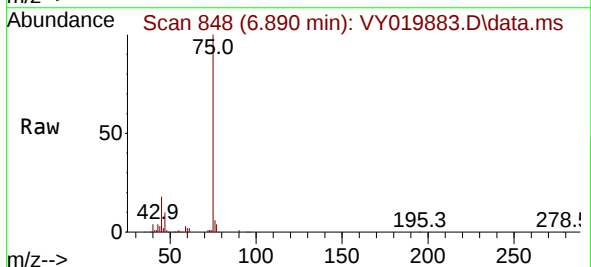
Instrument :
MSVOA_Y
ClientSampleId :

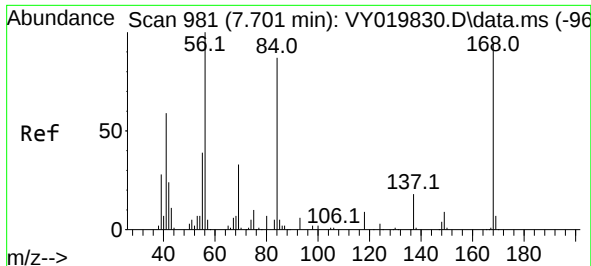
Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
58 53.7 31.7 47.5#



#25
2-Butanone
Concen: 2.668 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

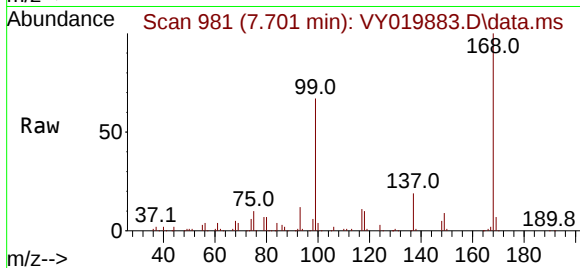
Tgt Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
72 15.8 27.3 40.9#



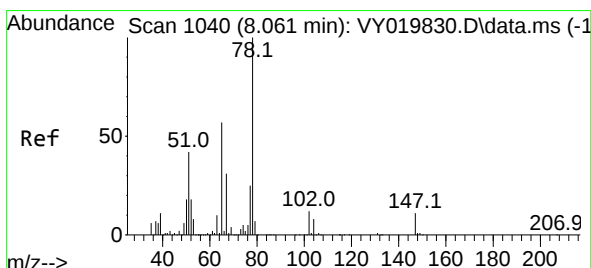
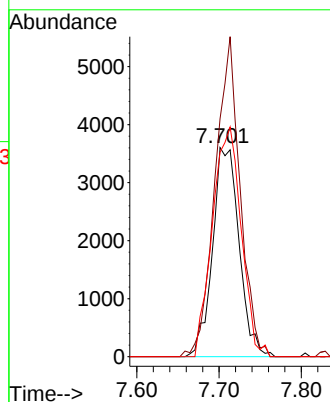
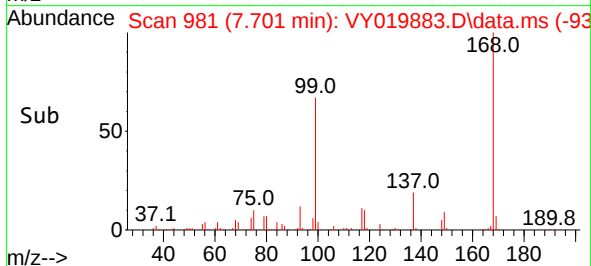


#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

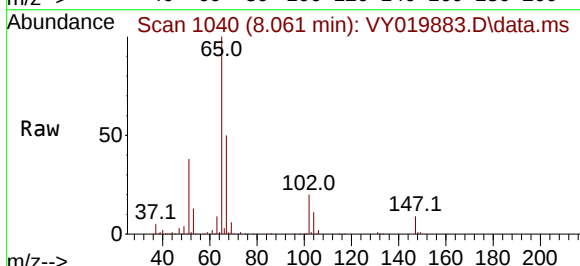
Instrument :
MSVOA_Y
ClientSampleId :



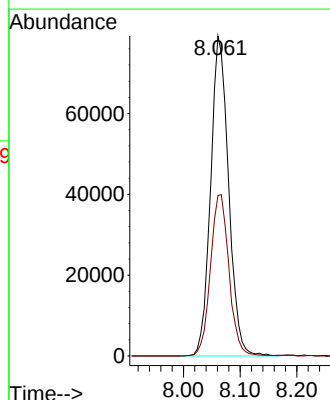
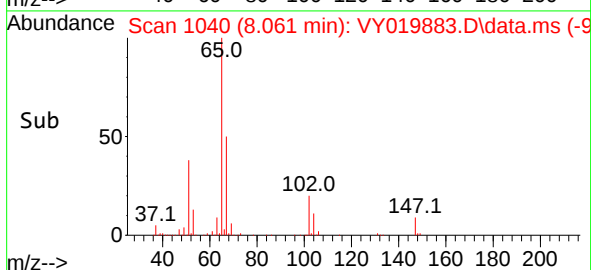
Tgt Ion: 56 Resp: 8138
Ion Ratio Lower Upper
56 100
69 113.7 28.7 43.1#
84 97.8 77.7 116.5

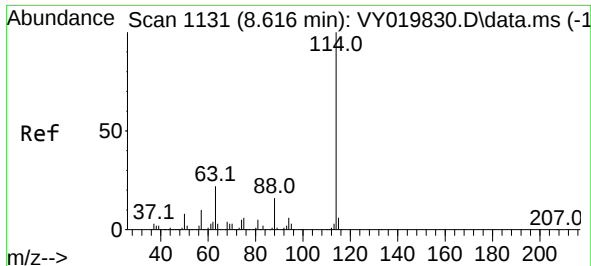


#33
1,2-Dichloroethane-d4
Concen: 52.011 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31



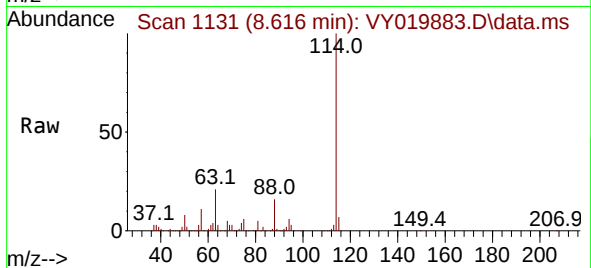
Tgt Ion: 65 Resp: 174249
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6



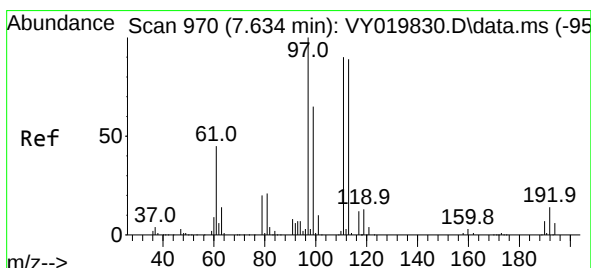
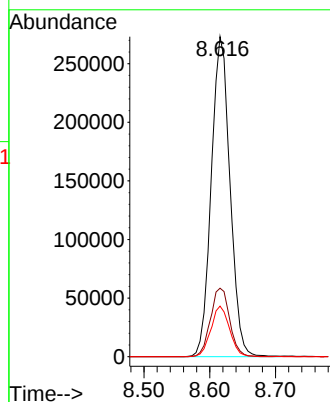
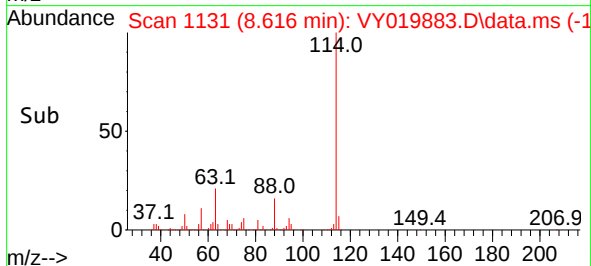


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

Instrument :
MSVOA_Y
ClientSampleId :

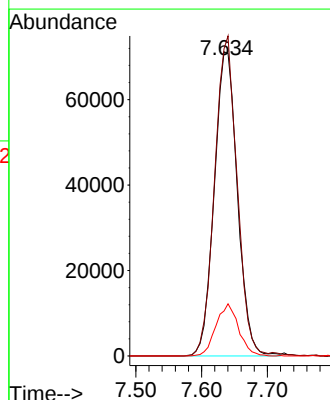
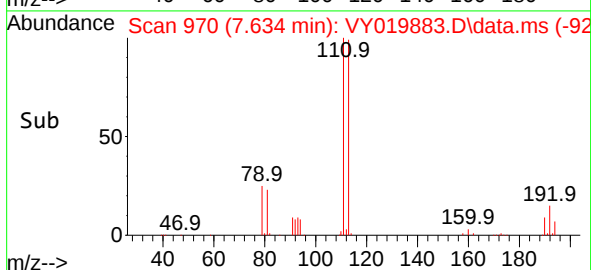
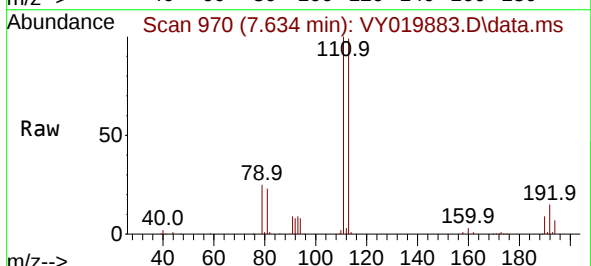


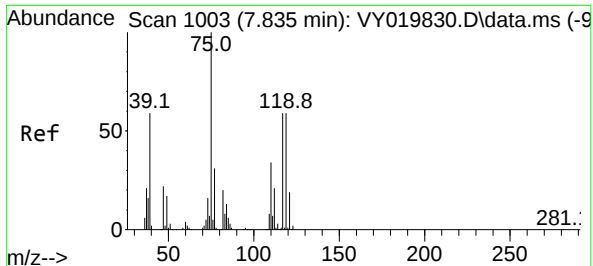
Tgt Ion:114 Resp: 541333
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.915 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

Tgt Ion:113 Resp: 174734
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.092 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

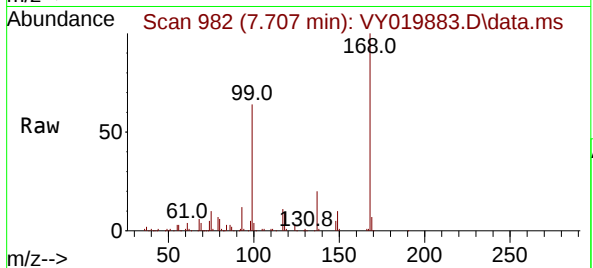
Lab File: VY019883.D

Acq: 14 Oct 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :



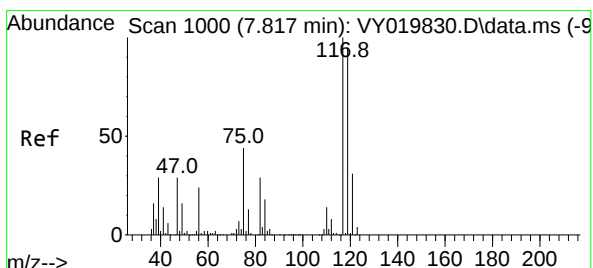
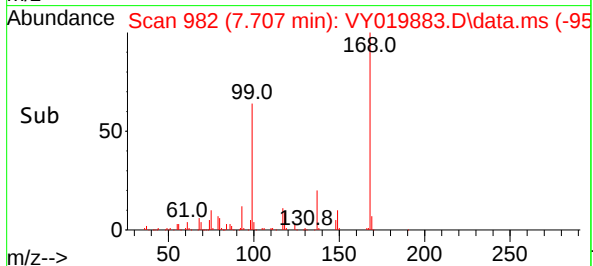
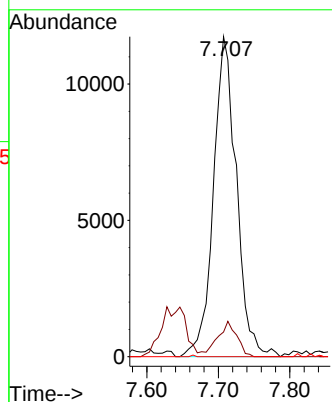
Tgt Ion: 75 Resp: 26206

Ion Ratio Lower Upper

75 100

110 9.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.484 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY019883.D

Acq: 14 Oct 2024 10:31

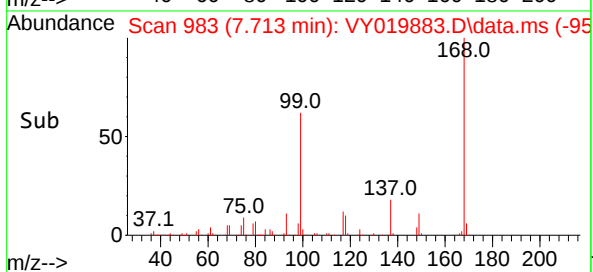
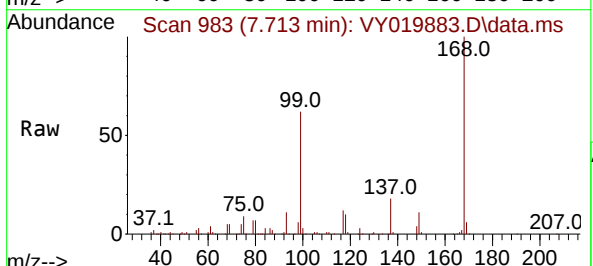
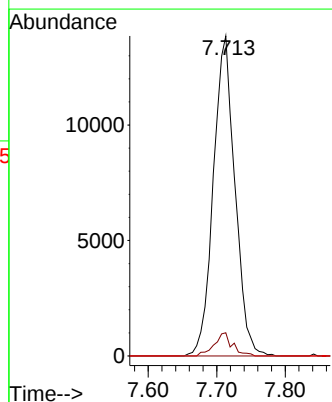
Tgt Ion: 117 Resp: 30254

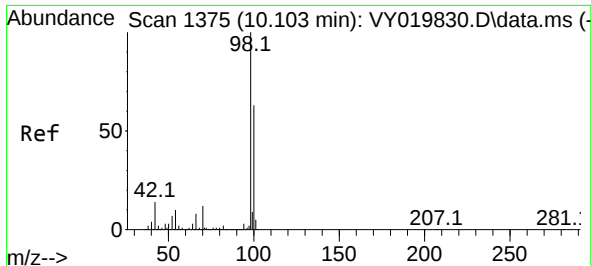
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.0 36.0#

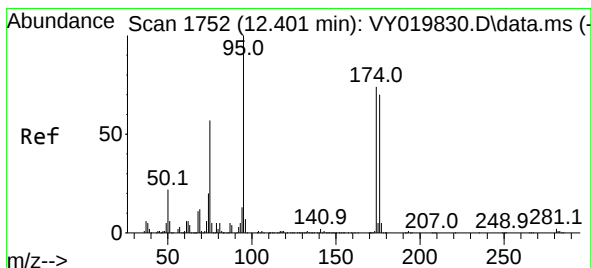
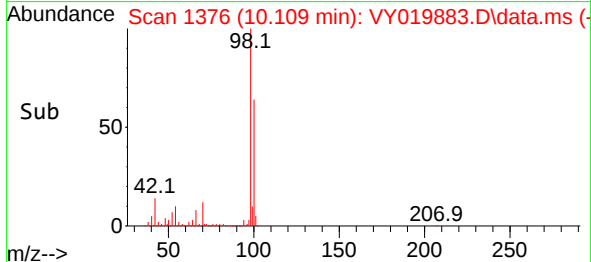
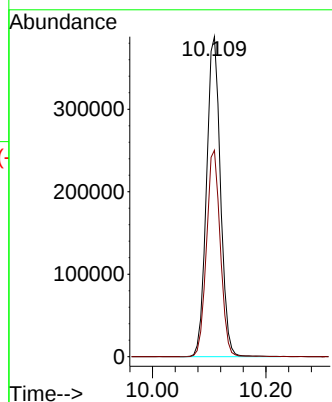
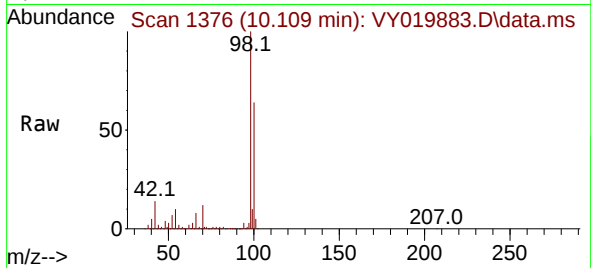




#50
Toluene-d8
Concen: 50.162 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

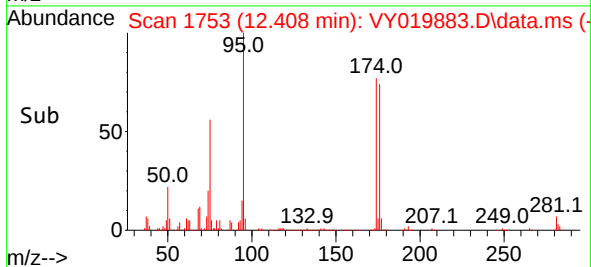
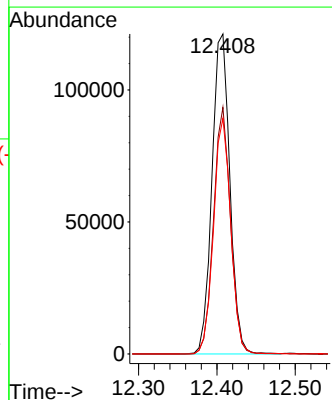
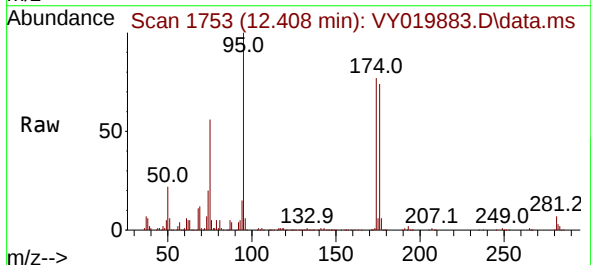
Instrument :
MSVOA_Y
ClientSampleId :

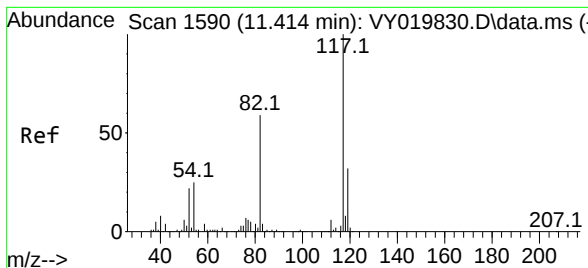
Tgt Ion: 98 Resp: 661718
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.295 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

Tgt Ion: 95 Resp: 192068
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 71.0 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: VY019883.D

Acq: 14 Oct 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :

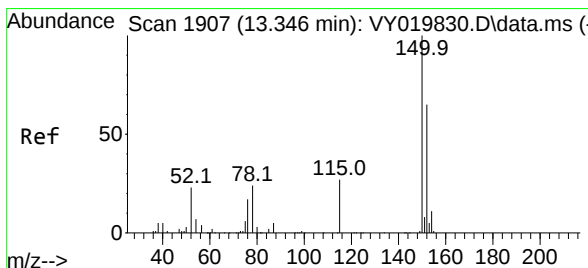
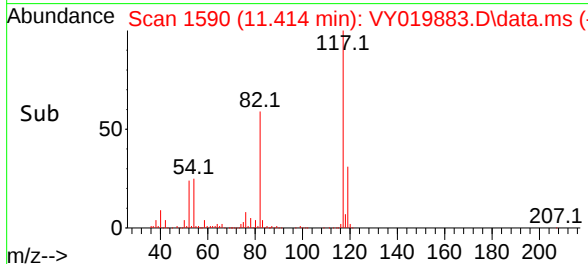
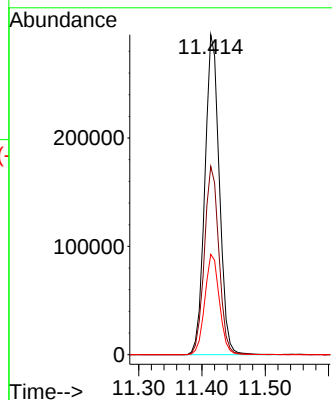
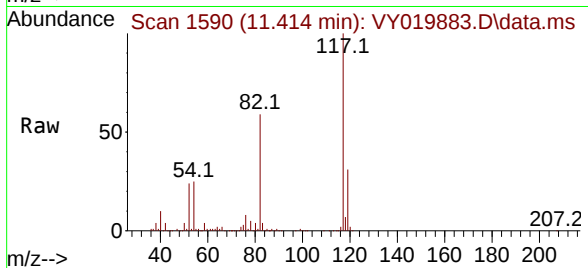
Tgt Ion:117 Resp: 470368

Ion Ratio Lower Upper

117 100

82 58.8 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: VY019883.D

Acq: 14 Oct 2024 10:31

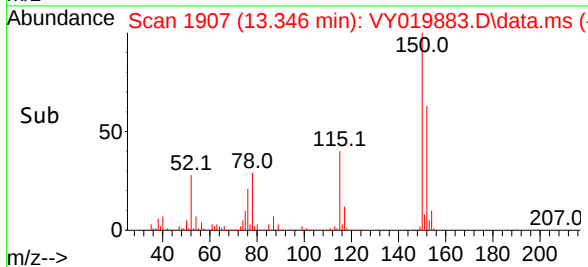
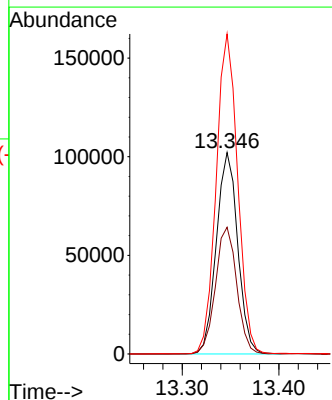
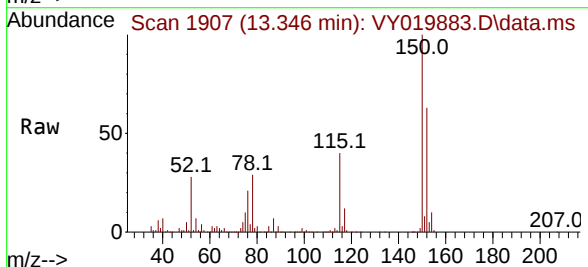
Tgt Ion:152 Resp: 156619

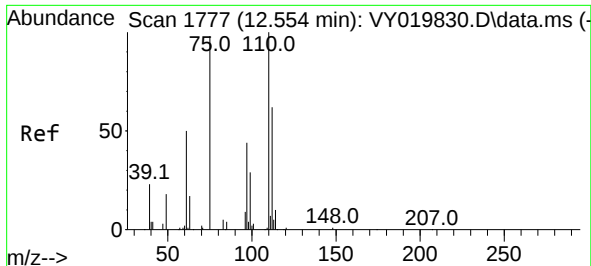
Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 159.5 0.0 345.6

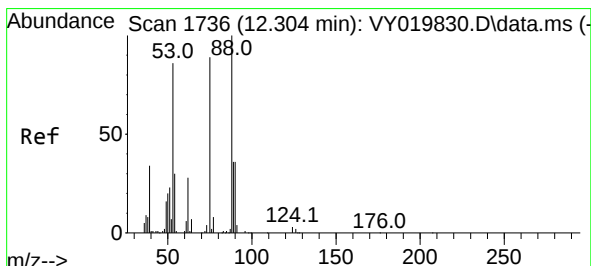
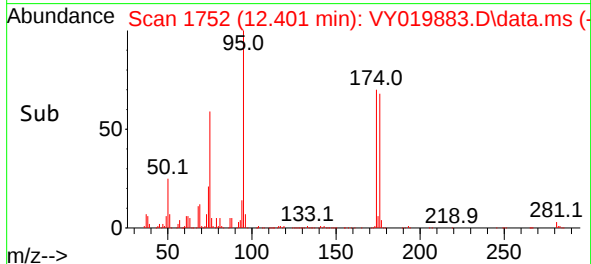
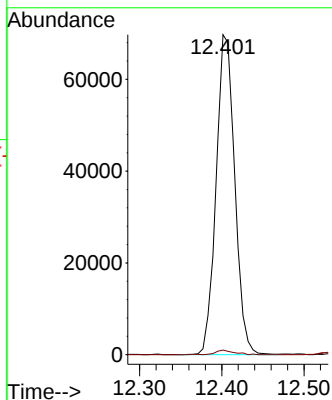
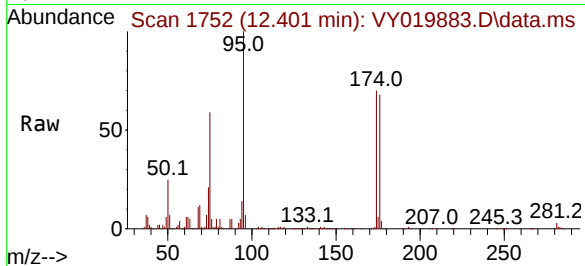




#76
1,2,3-Trichloropropane
Concen: 35.867 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 110045
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.772 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019883.D
Acq: 14 Oct 2024 10:31

Tgt Ion: 75 Resp: 110045
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

