

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019859.D
 Acq On : 10 Oct 2024 17:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:45:59 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)

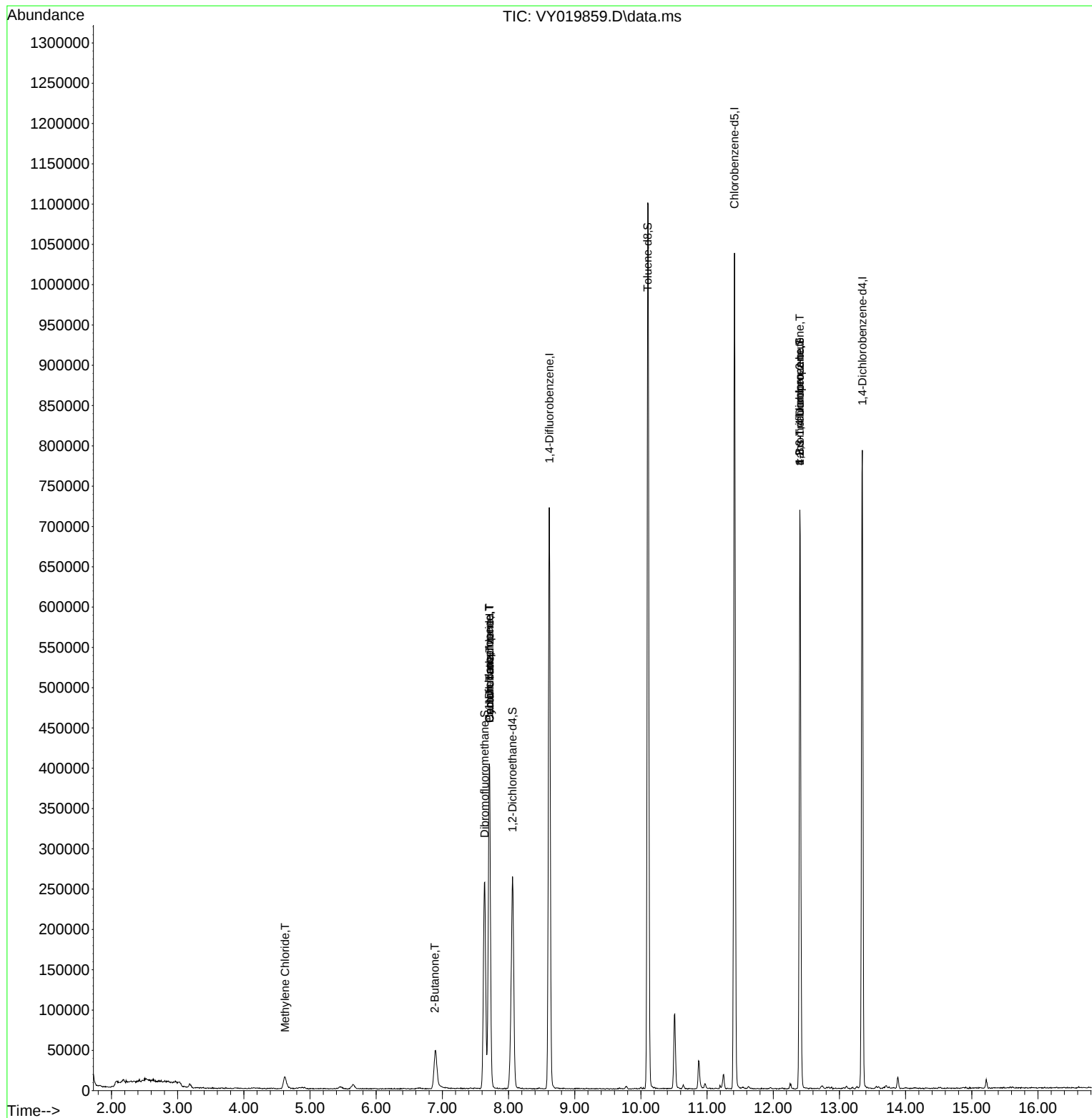
Internal Standards						
1) Pentafluorobenzene	7.713	168	288065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	580909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	513386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	184804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	178482	50.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.640	113	184763	48.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.400%	
50) Toluene-d8	10.103	98	705657	49.848	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.402	95	213410	41.722	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	676	Below Cal	#	86
20) Methylene Chloride	4.622	84	10389	2.788	ug/l	95
25) 2-Butanone	6.884	43	3146	2.546	ug/l #	75
31) Cyclohexane	7.713	56	8113	1.369	ug/l #	33
36) 1,1-Dichloropropene	7.707	75	28851	5.224	ug/l #	51
38) Carbon Tetrachloride	7.713	117	32424	5.477	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	120832	62.792	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	120832	134.719	ug/l #	8

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

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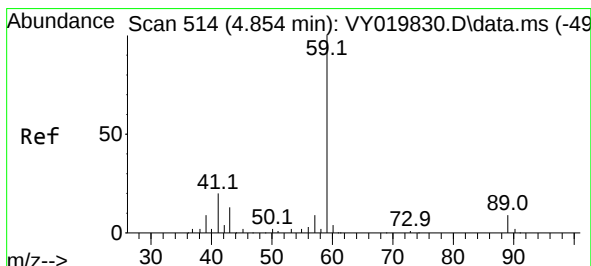
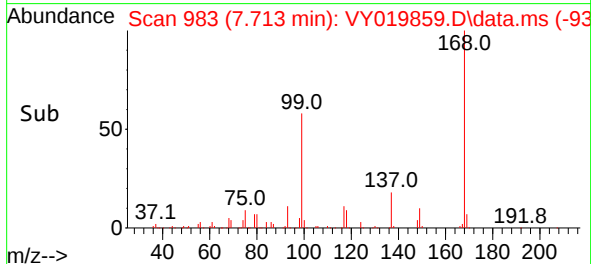
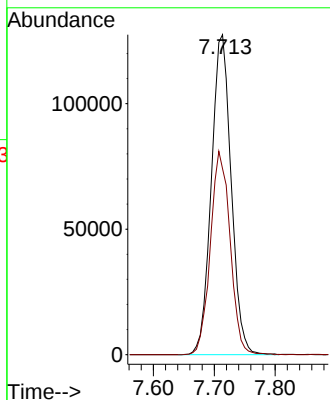
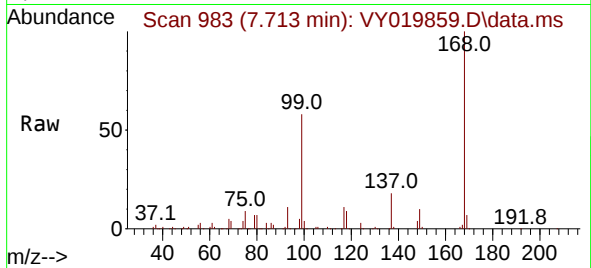




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

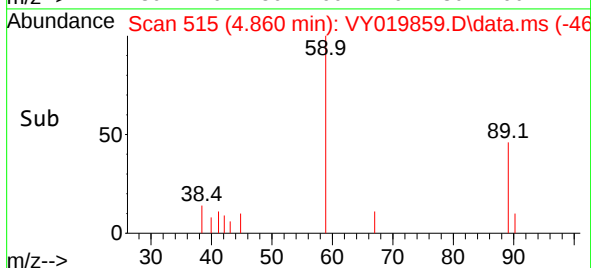
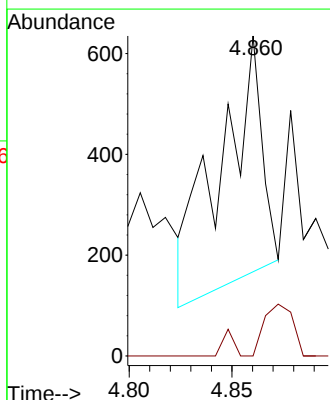
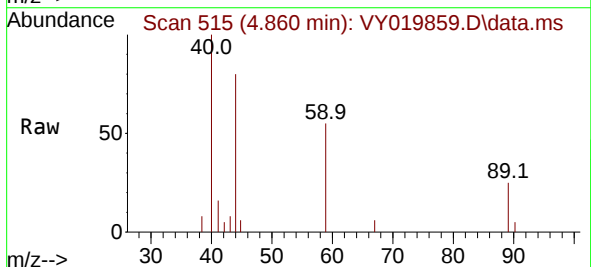
Instrument :
MSVOA_Y
ClientSampleId :

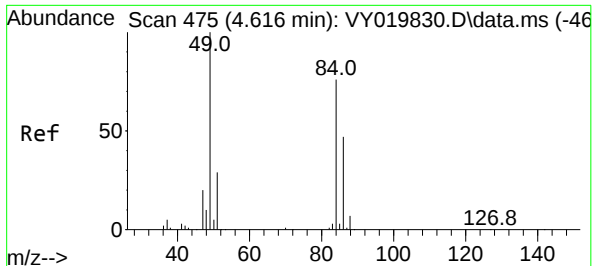
Tgt Ion:168 Resp: 288065
Ion Ratio Lower Upper
168 100
99 58.2 52.6 78.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

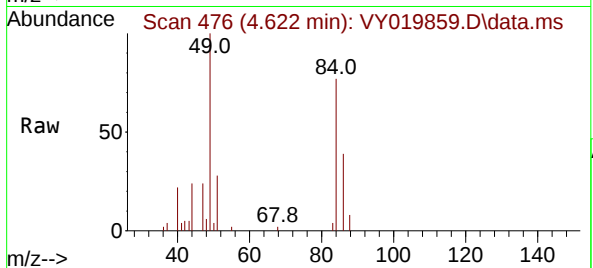
Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 14.6 7.7 11.5#



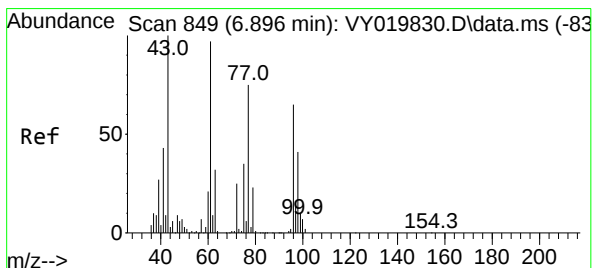
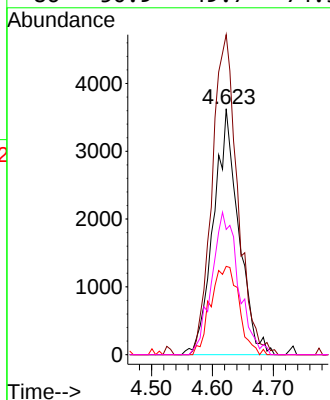
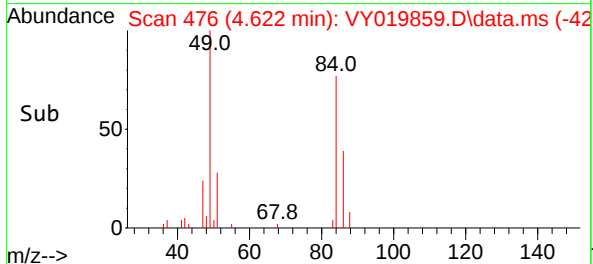


#20
Methylene Chloride
Concen: 2.788 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Instrument :
MSVOA_Y
ClientSampleId :

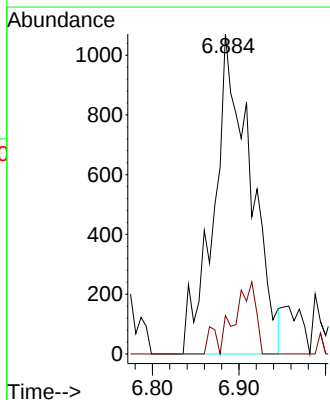
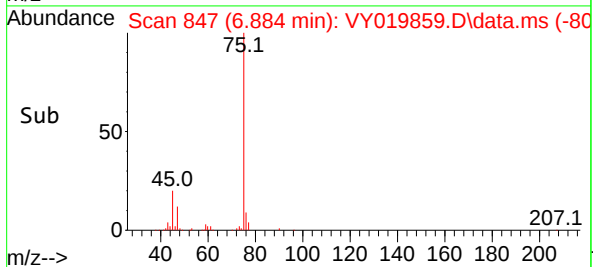
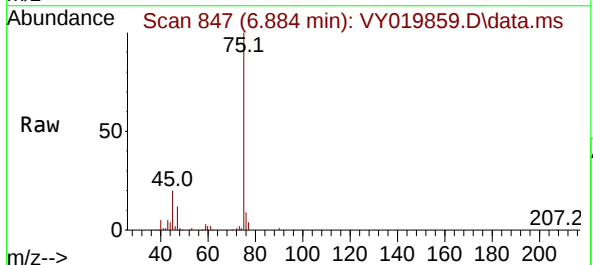


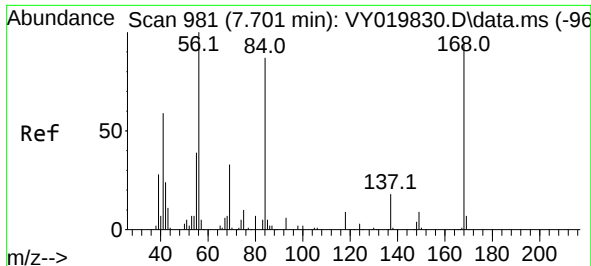
Tgt Ion:	84	Resp:	10389
Ion	Ratio	Lower	Upper
84	100		
49	130.1	104.8	157.2
51	35.9	30.4	45.6
86	50.9	49.7	74.5



#25
2-Butanone
Concen: 2.546 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

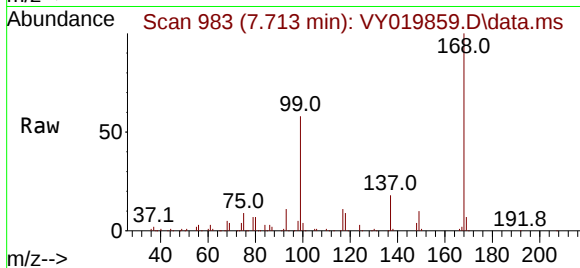
Tgt Ion:	43	Resp:	3146
Ion	Ratio	Lower	Upper
43	100		
72	12.0	19.8	29.6#



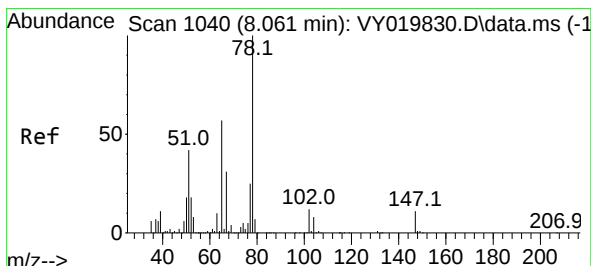
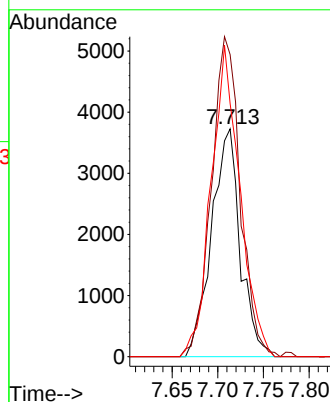
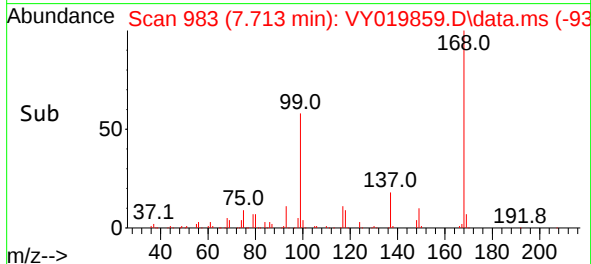


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Instrument :
MSVOA_Y
ClientSampleId :

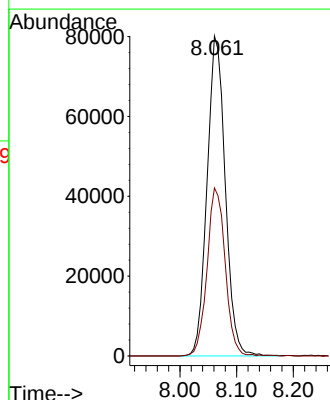
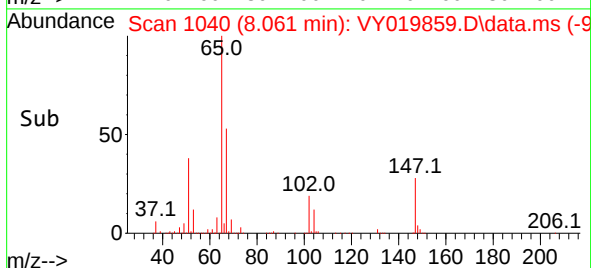
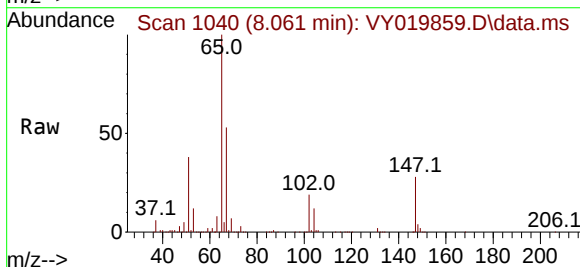


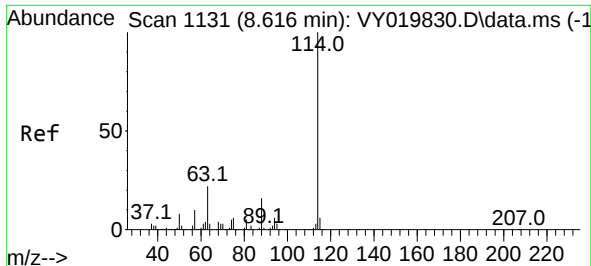
Tgt Ion: 56 Resp: 8113
Ion Ratio Lower Upper
56 100
69 132.5 26.6 39.8#
84 111.1 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 50.320 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

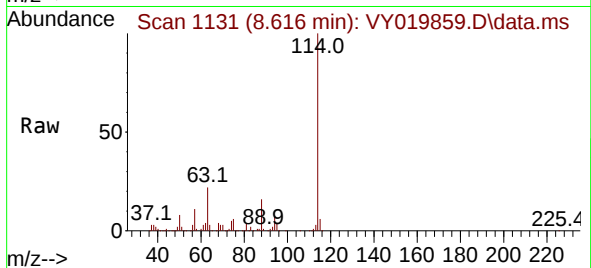
Tgt Ion: 65 Resp: 178482
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0



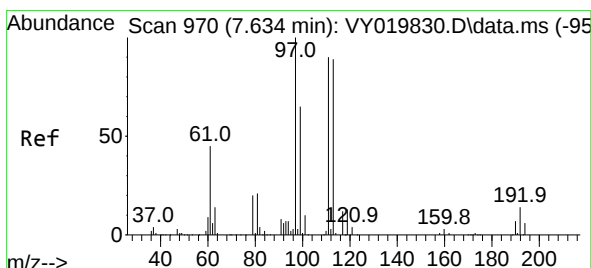
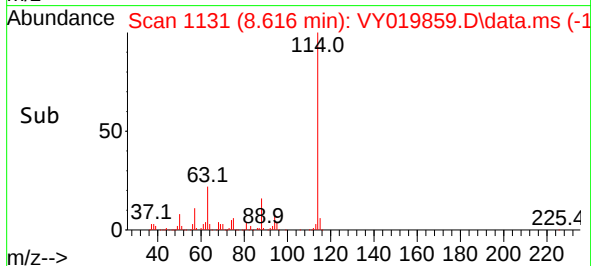
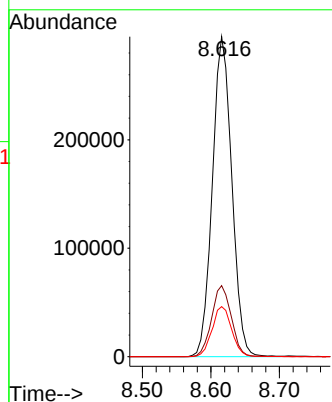


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Instrument :
MSVOA_Y
ClientSampleId :

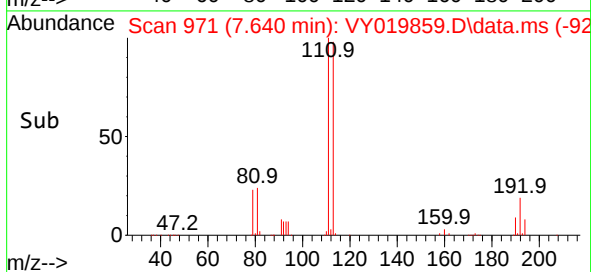
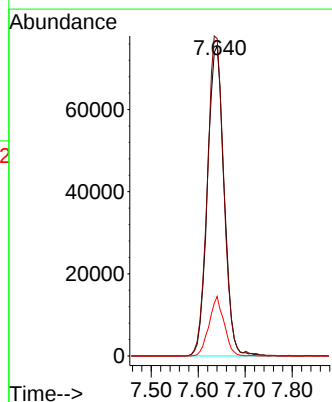
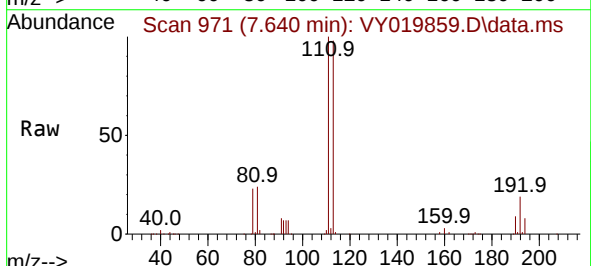


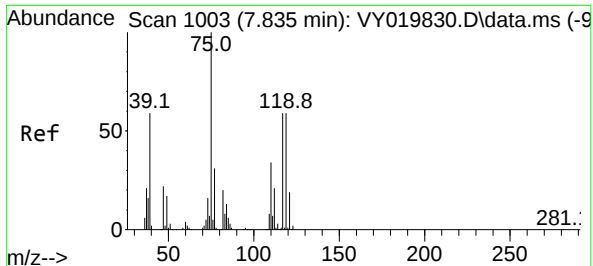
Tgt Ion:114 Resp: 580909
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.8
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.199 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Tgt Ion:113 Resp: 184763
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.3 13.6 20.4





#36

1,1-Dichloropropene

Concen: 5.224 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

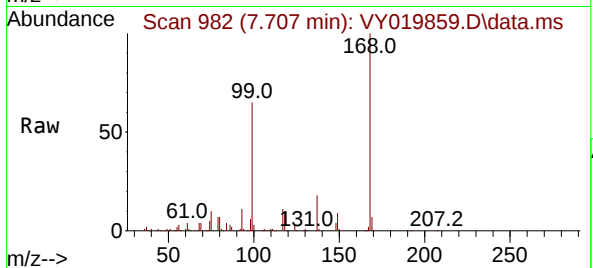
Lab File: VY019859.D

Acq: 10 Oct 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :



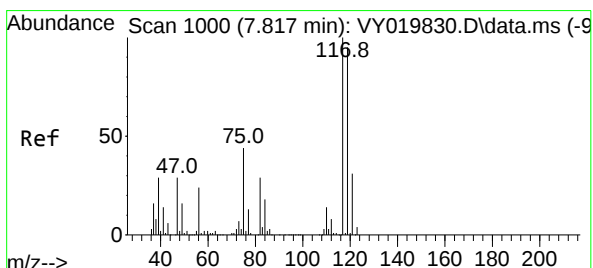
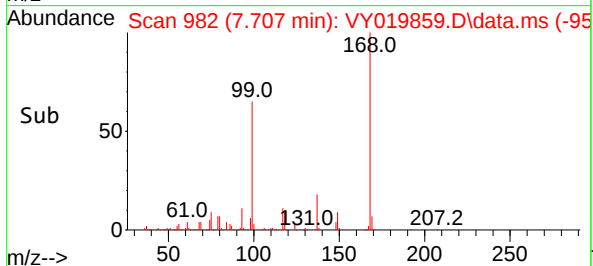
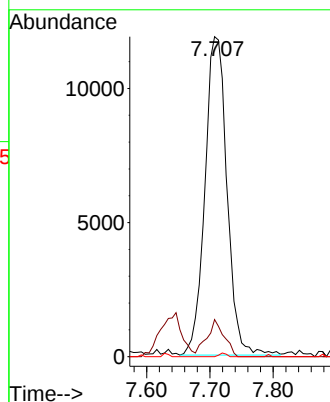
Tgt Ion: 75 Resp: 28851

Ion Ratio Lower Upper

75 100

110 9.1 16.6 49.8#

77 0.4 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.477 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY019859.D

Acq: 10 Oct 2024 17:14

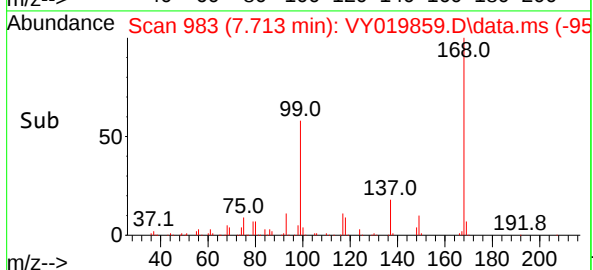
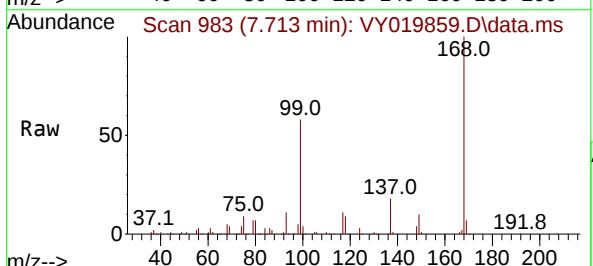
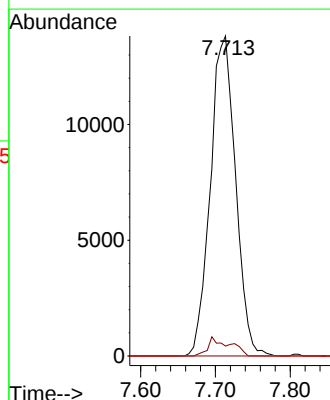
Tgt Ion: 117 Resp: 32424

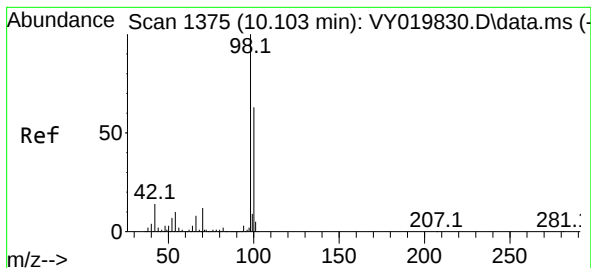
Ion Ratio Lower Upper

117 100

119 3.1 76.2 114.4#

121 0.0 25.0 37.4#

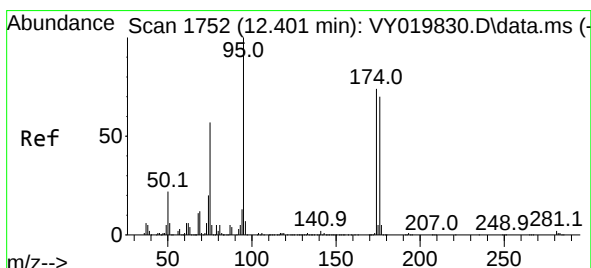
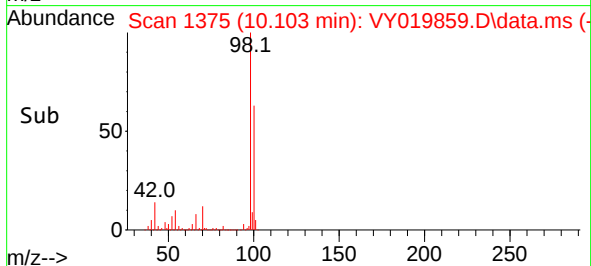
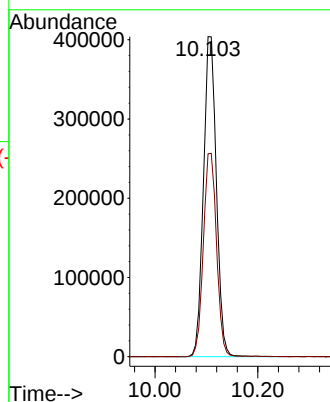
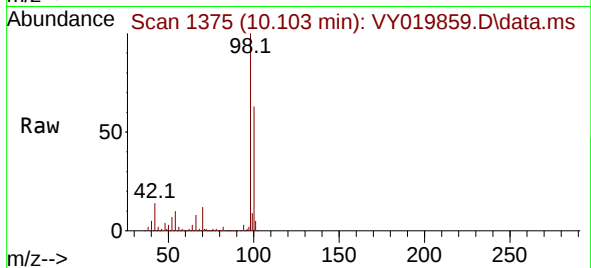




#50
Toluene-d8
Concen: 49.848 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

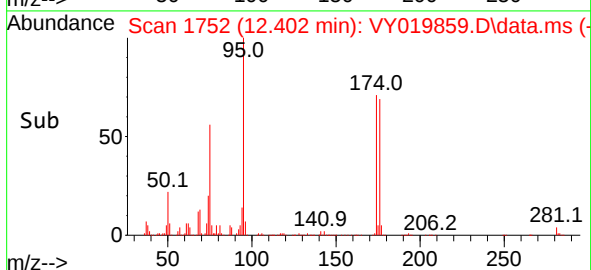
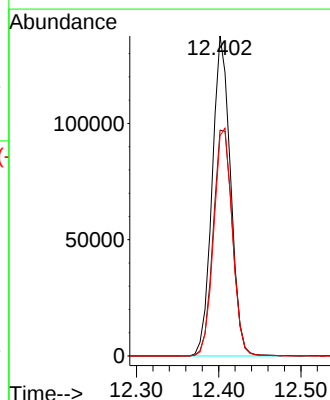
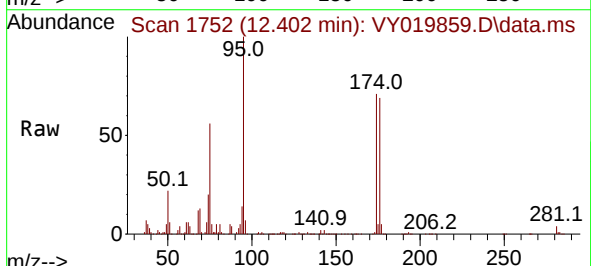
Instrument :
MSVOA_Y
ClientSampleId :

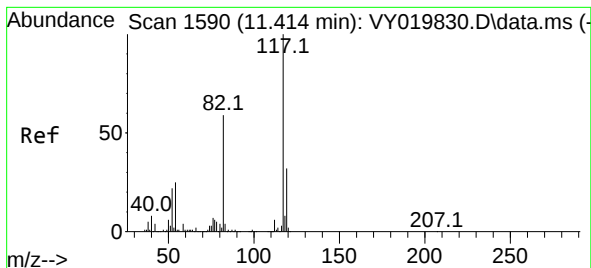
Tgt Ion: 98 Resp: 705657
Ion Ratio Lower Upper
98 100
100 64.7 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 41.722 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Tgt Ion: 95 Resp: 213410
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 72.0 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019859.D

Acq: 10 Oct 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

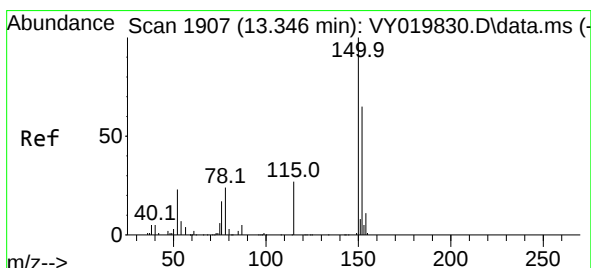
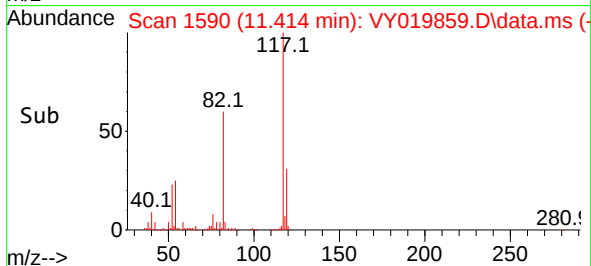
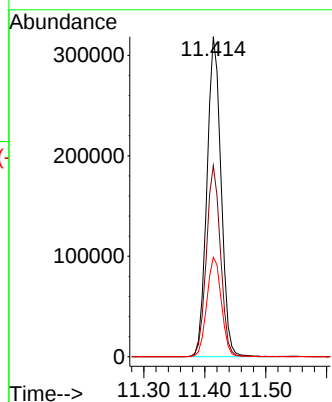
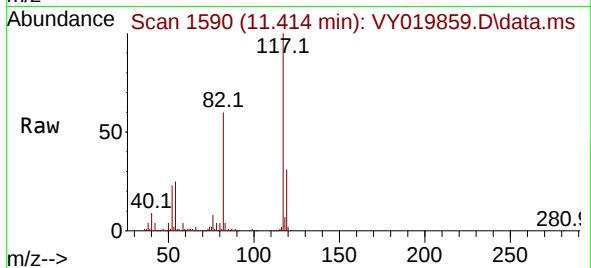
Tgt Ion:117 Resp: 513386

Ion Ratio Lower Upper

117 100

82 59.7 46.9 70.3

119 31.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019859.D

Acq: 10 Oct 2024 17:14

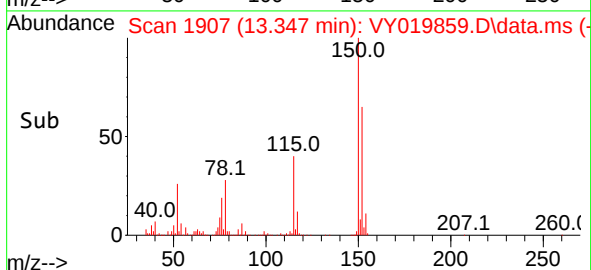
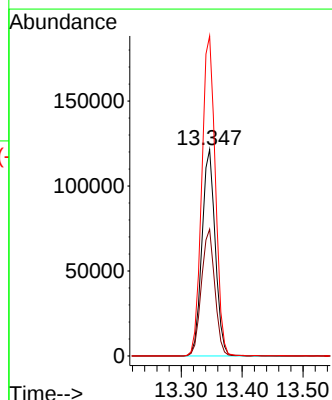
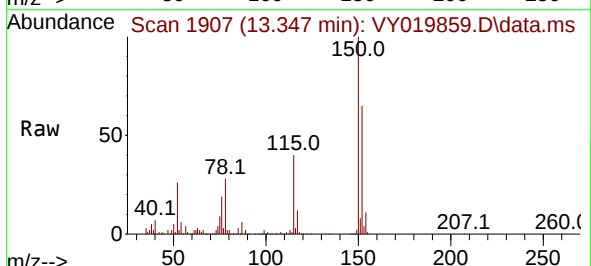
Tgt Ion:152 Resp: 184804

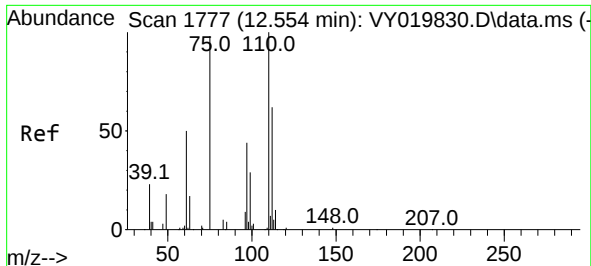
Ion Ratio Lower Upper

152 100

115 61.7 30.8 92.3

150 158.1 0.0 352.8

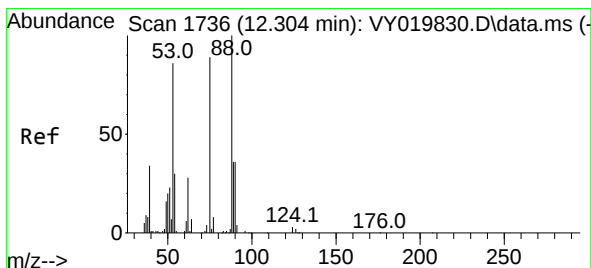
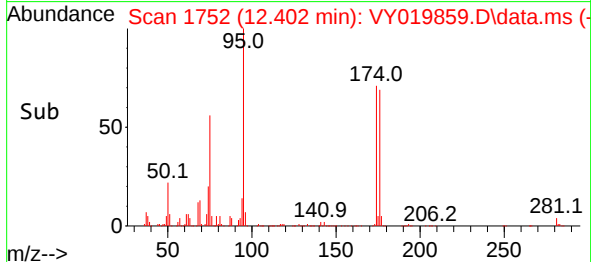
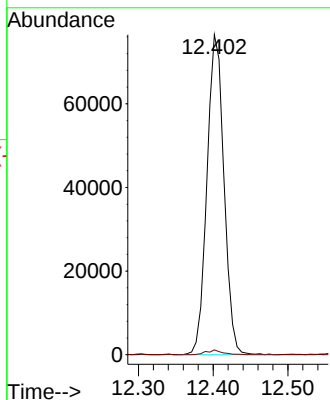
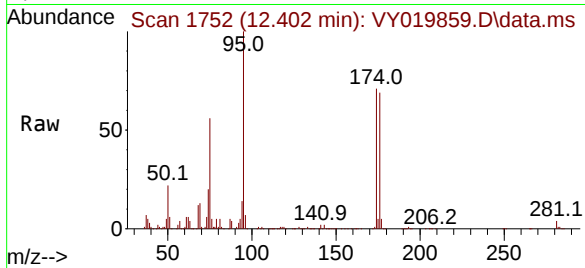




#76
1,2,3-Trichloropropane
Concen: 62.792 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 120832
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.719 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Tgt Ion: 75 Resp: 120832
Ion Ratio Lower Upper
75 100
53 0.0 84.7 127.1#
89 0.1 35.4 53.2#

