

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020630.D
 Acq On : 18 Dec 2024 12:57
 Operator : SY/MD
 Sample : P5227-03
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 14:22:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

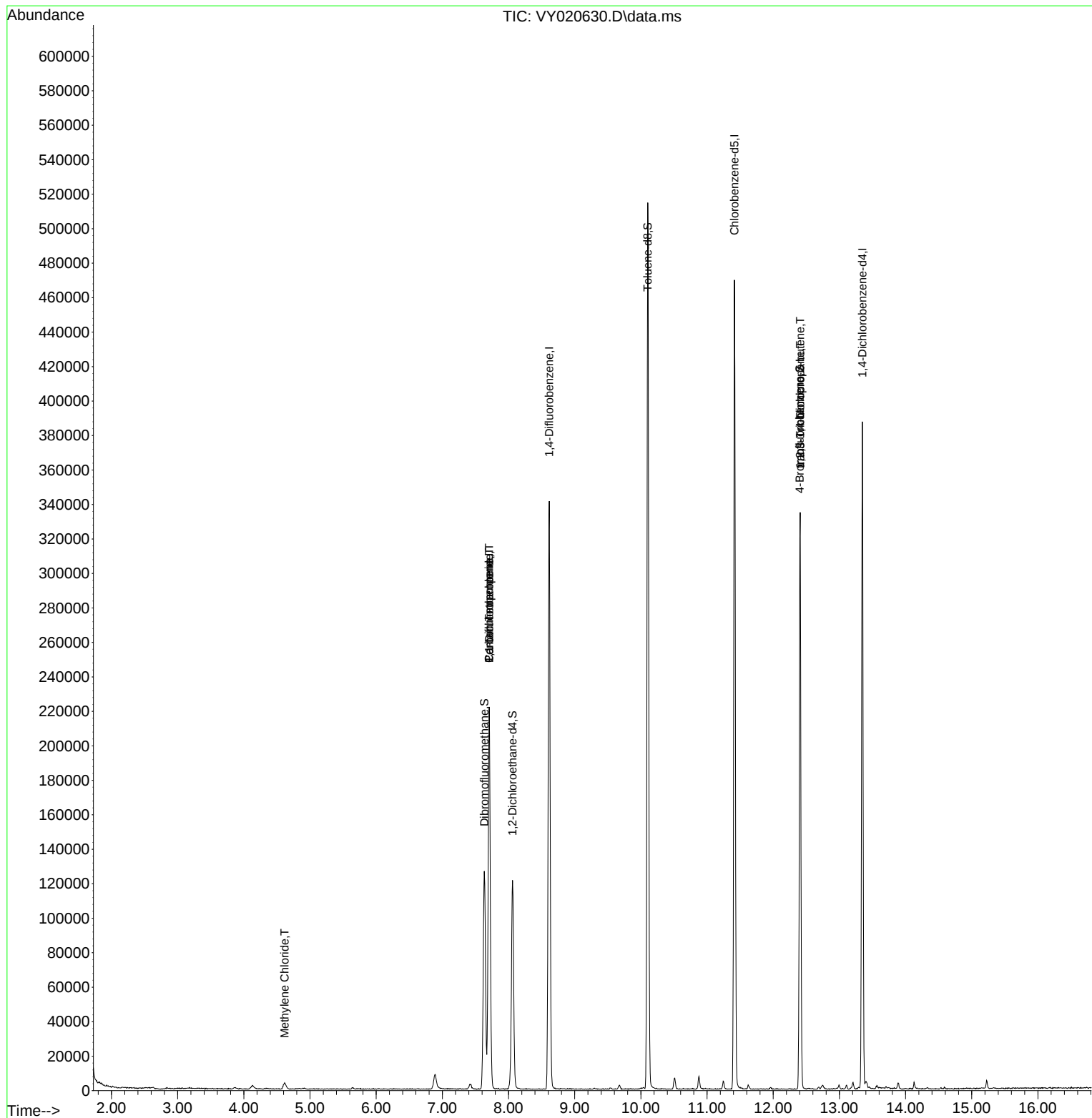
Internal Standards						
1) Pentafluorobenzene	7.707	168	165087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	286183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	94502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96963	53.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.260%	
35) Dibromofluoromethane	7.634	113	90706	44.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.940%	
50) Toluene-d8	10.103	98	343494	48.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	12.402	95	103676	37.543	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 75.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	313	Below Cal	#	75
16) Acetone	3.879	43	1226	Below Cal	#	75
20) Methylene Chloride	4.616	84	2655	1.181	ug/l #	80
30) Chloroform	7.415	83	3128	Below Cal		99
36) 1,1-Dichloropropene	7.707	75	13315	3.620	ug/l #	52
38) Carbon Tetrachloride	7.707	117	17012	4.181	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	55325	56.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	55325	118.295	ug/l #	12

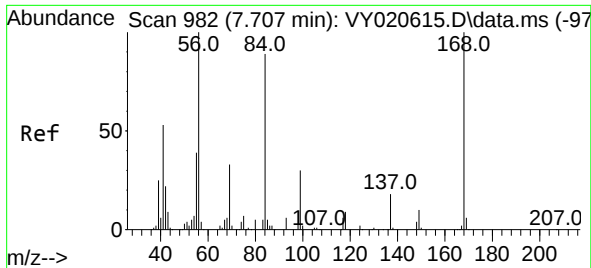
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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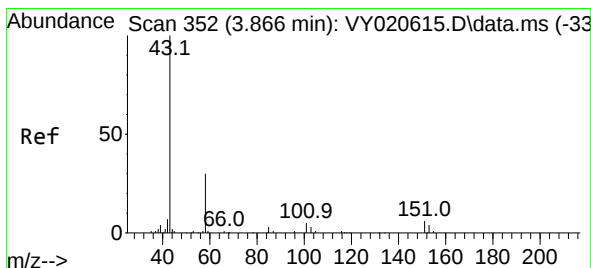
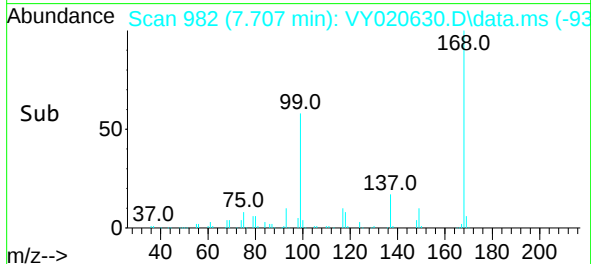
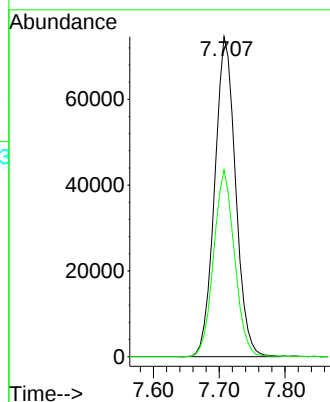
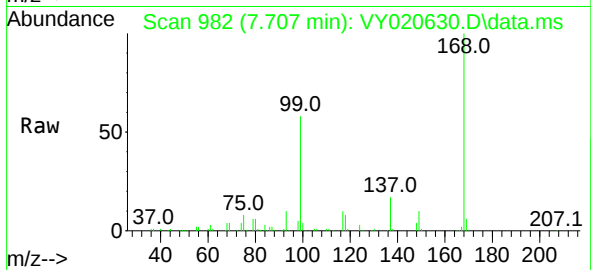




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

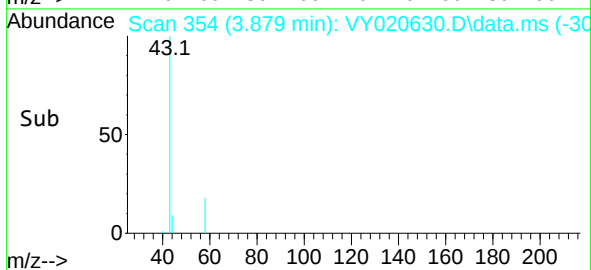
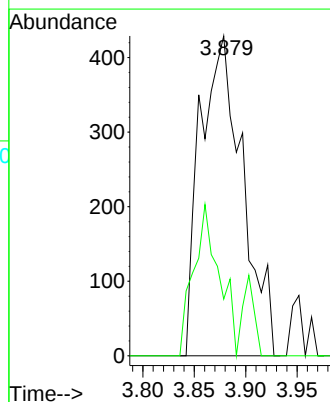
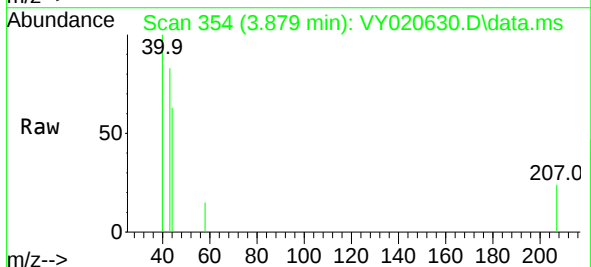
Instrument :
MSVOA_Y
ClientSampleId :

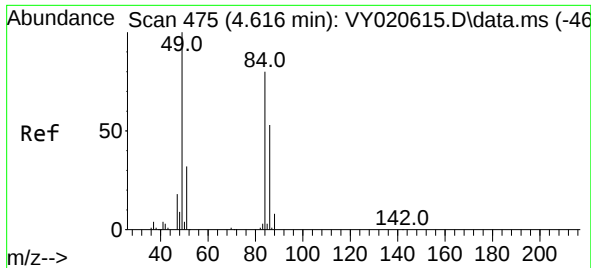
Tgt Ion:168 Resp: 165087
Ion Ratio Lower Upper
168 100
99 58.4 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. 0.013 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

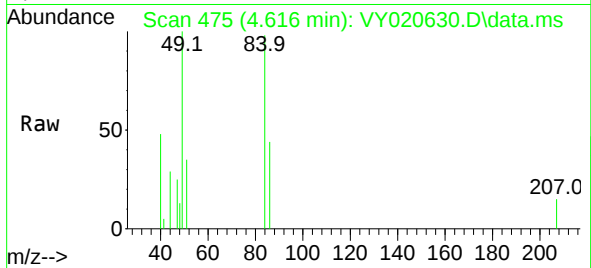
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 17.7 25.0 37.6#



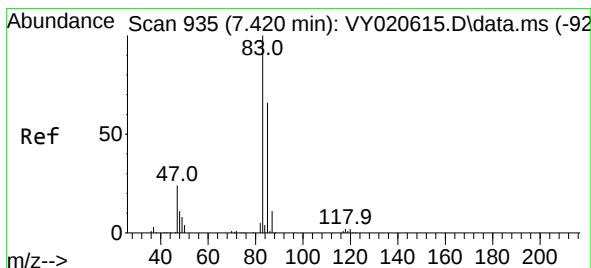
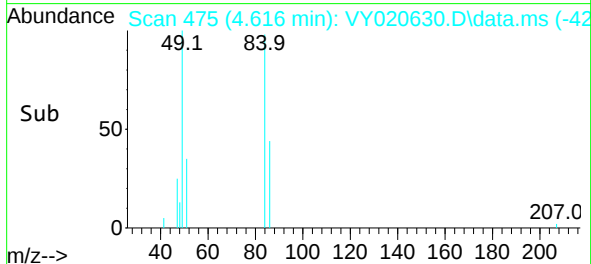
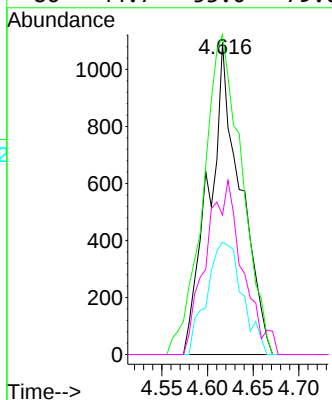


#20
Methylene Chloride
Concen: 1.181 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Instrument :
MSVOA_Y
ClientSampleId :

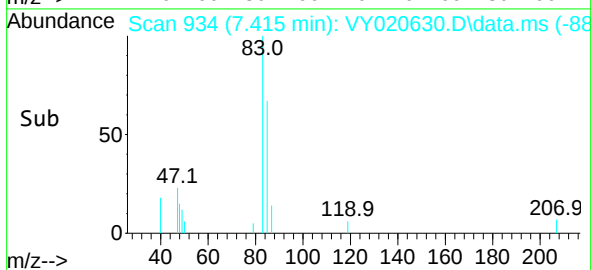
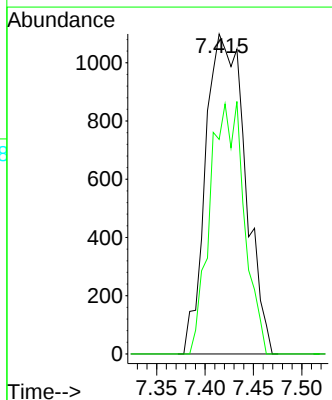
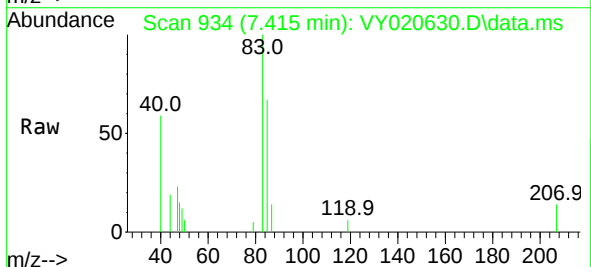


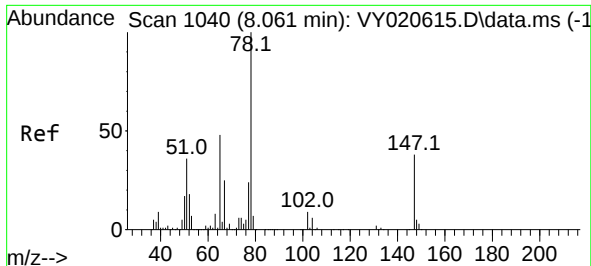
Tgt Ion:	84	Resp:	2655
Ion	Ratio	Lower	Upper
84	100		
49	102.6	100.7	151.1
51	36.0	32.2	48.2
86	44.7	53.0	79.6



#30
Chloroform
Concen: Below Cal
RT: 7.415 min Scan# 934
Delta R.T. -0.005 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Tgt Ion:	83	Resp:	3128
Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.7	79.1





#33

1,2-Dichloroethane-d4

Concen: 53.628 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020630.D

Acq: 18 Dec 2024 12:57

Instrument :

MSVOA_Y

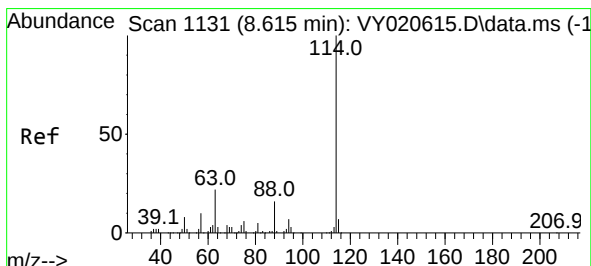
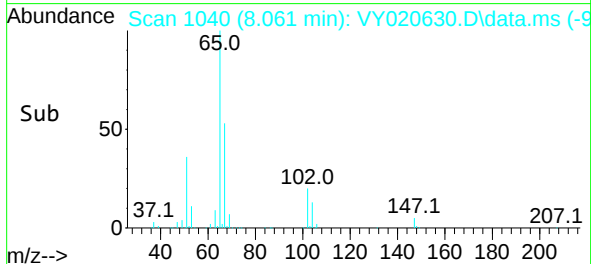
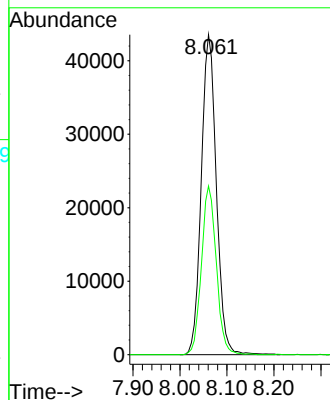
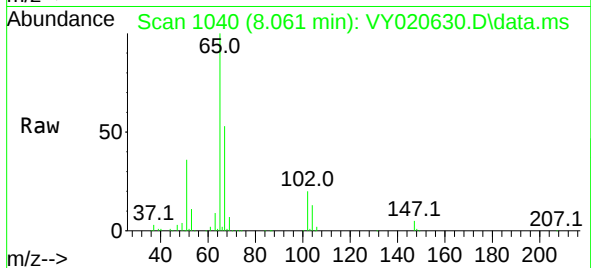
ClientSampleId :

Tgt Ion: 65 Resp: 96963

Ion Ratio Lower Upper

65 100

67 51.9 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020630.D

Acq: 18 Dec 2024 12:57

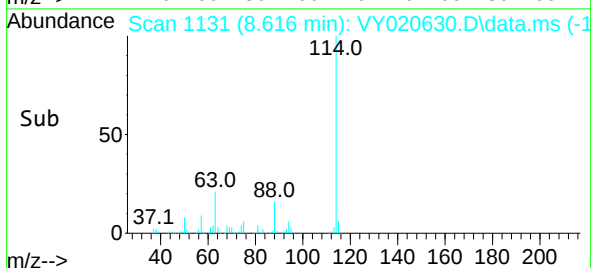
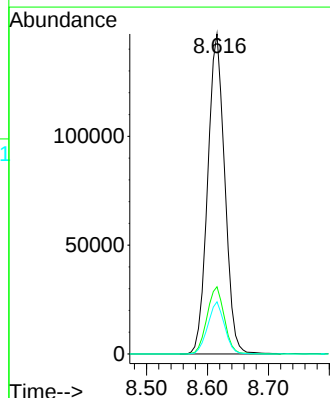
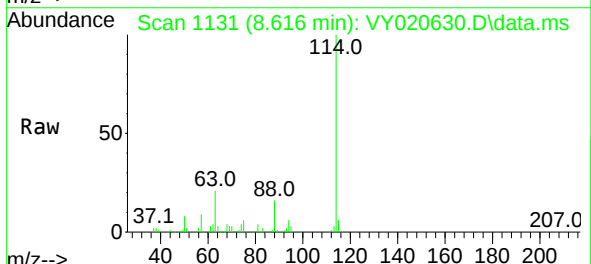
Tgt Ion:114 Resp: 286183

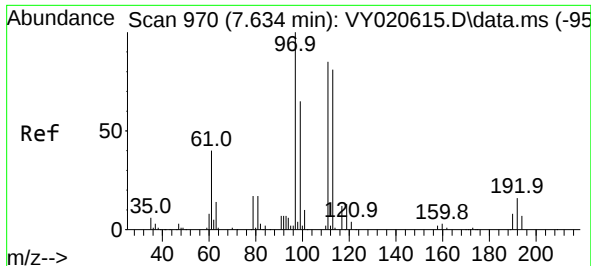
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.0

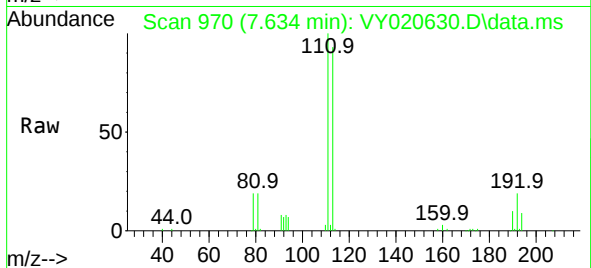
88 16.3 0.0 32.8



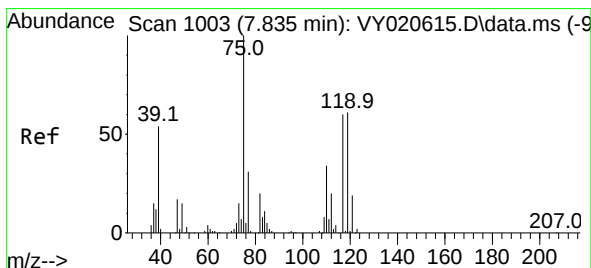
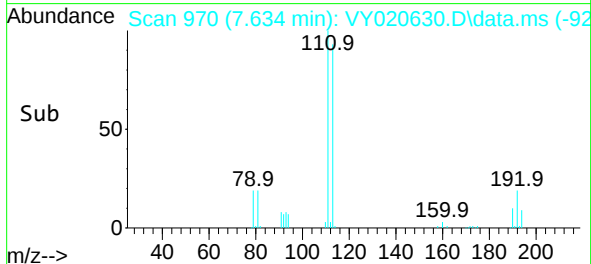
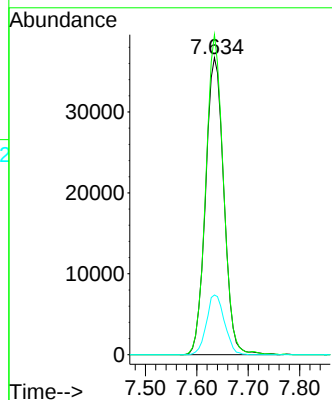


#35
Dibromofluoromethane
Concen: 44.972 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Instrument :
MSVOA_Y
ClientSampleId :

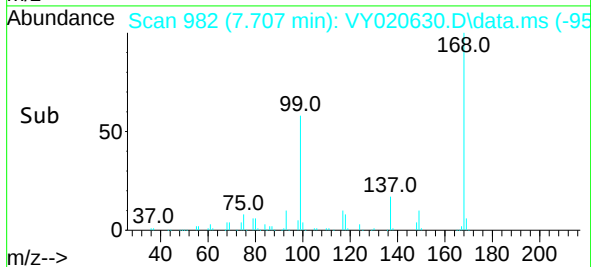
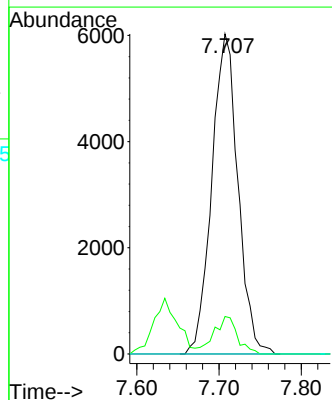
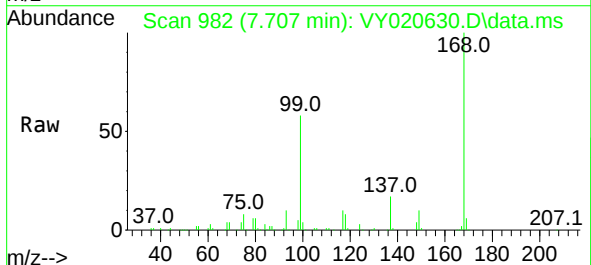


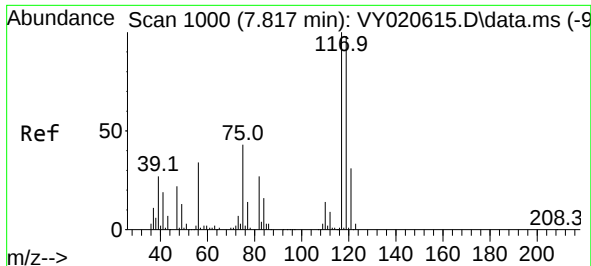
Tgt Ion:113 Resp: 90706
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.8 15.7 23.5



#36
1,1-Dichloropropene
Concen: 3.620 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

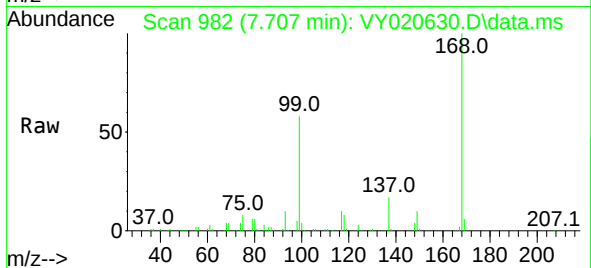
Tgt Ion: 75 Resp: 13315
Ion Ratio Lower Upper
75 100
110 10.6 16.8 50.4#
77 0.0 25.0 37.6#



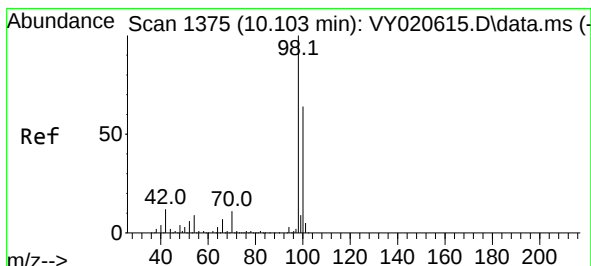
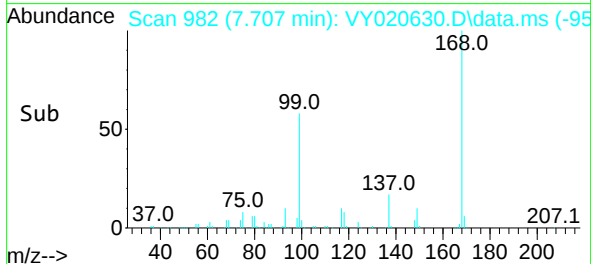
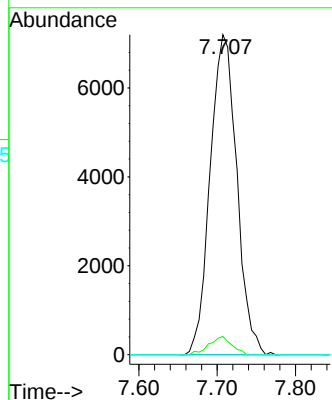


#38
Carbon Tetrachloride
Concen: 4.181 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.109 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Instrument :
MSVOA_Y
ClientSampleId :

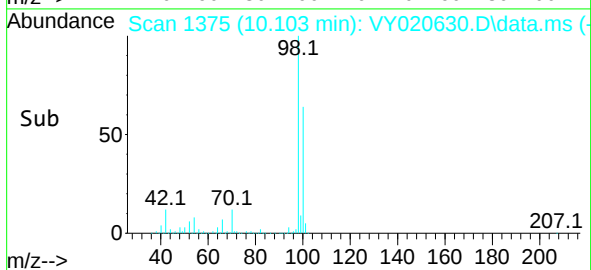
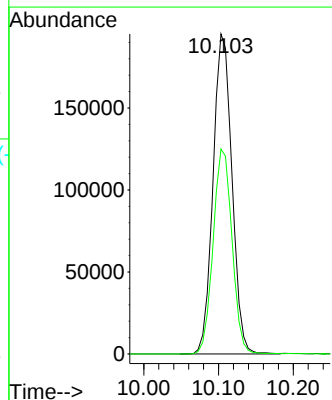
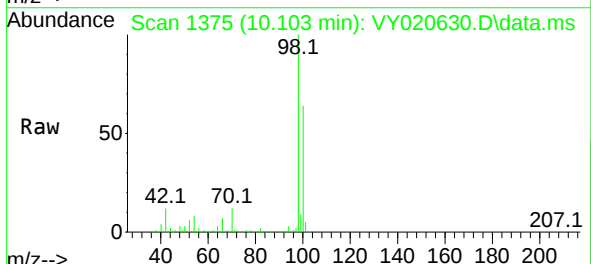


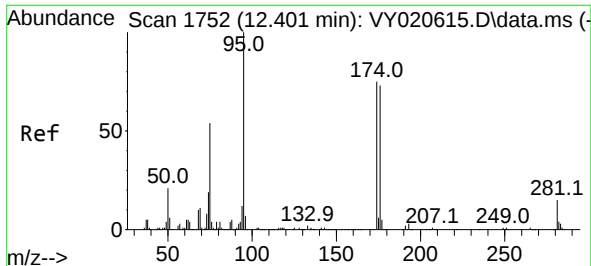
Tgt Ion:117 Resp: 17012
Ion Ratio Lower Upper
117 100
119 5.7 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 48.656 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Tgt Ion: 98 Resp: 343494
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

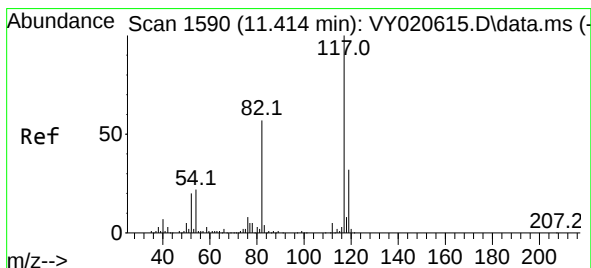
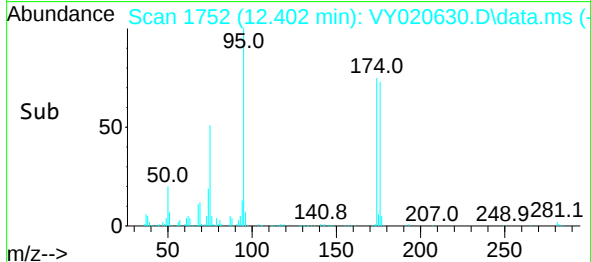
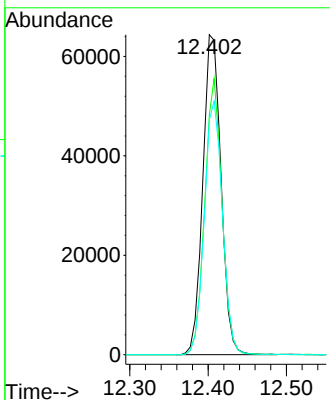
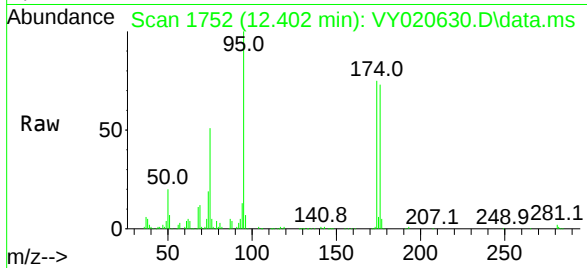




#62
4-Bromofluorobenzene
Concen: 37.543 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

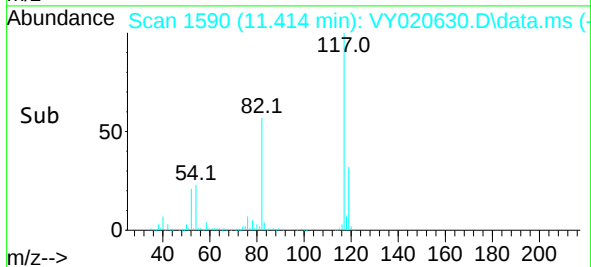
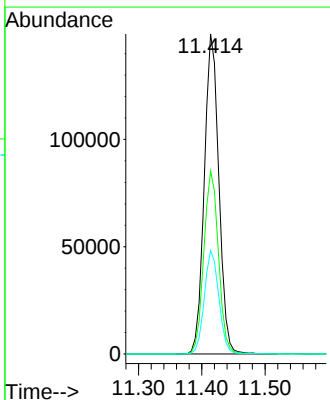
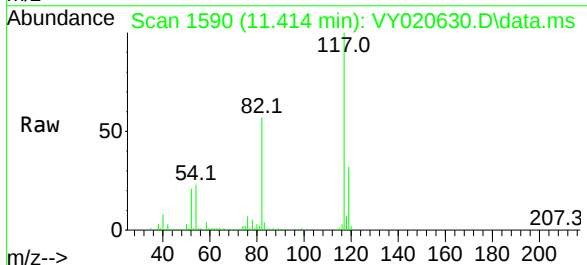
Instrument :
MSVOA_Y
ClientSampleId :

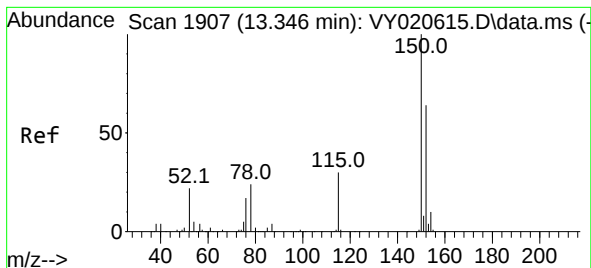
Tgt Ion: 95 Resp: 103676
Ion Ratio Lower Upper
95 100
174 82.1 0.0 161.8
176 79.0 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Tgt Ion: 117 Resp: 239715
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020630.D

Acq: 18 Dec 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

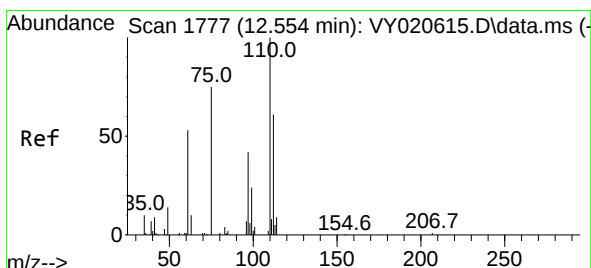
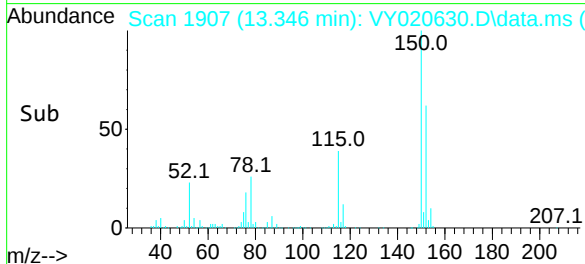
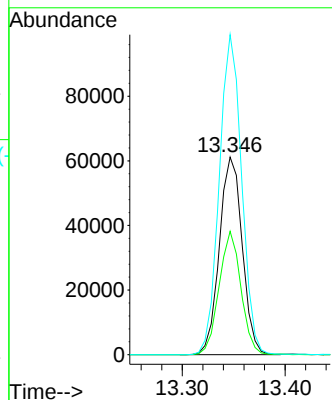
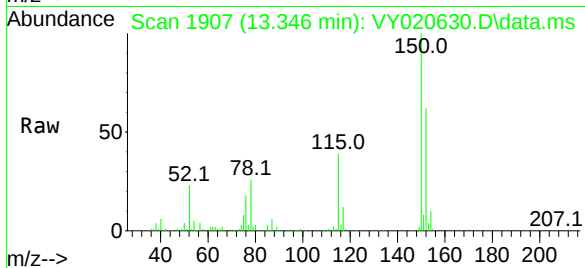
Tgt Ion:152 Resp: 94502

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 158.7 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 56.357 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020630.D

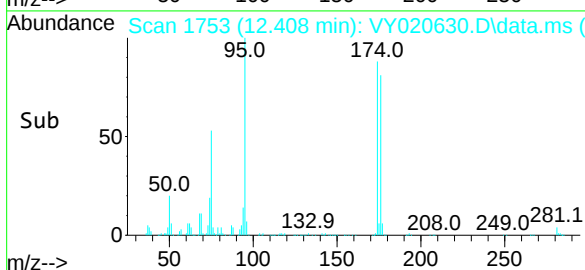
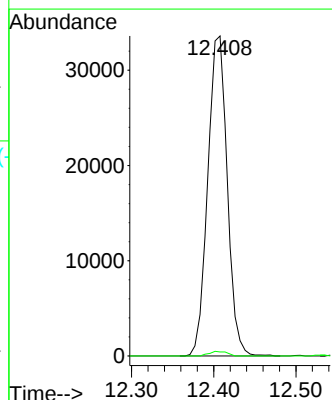
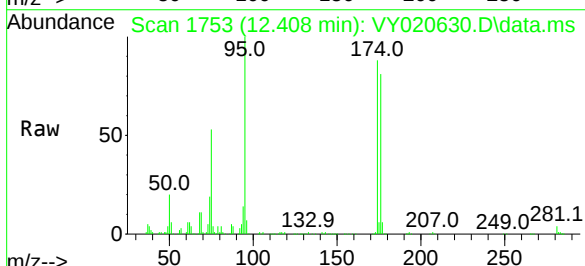
Acq: 18 Dec 2024 12:57

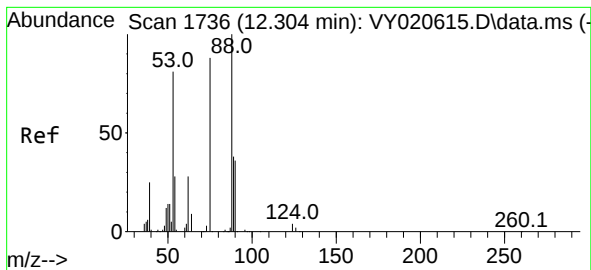
Tgt Ion: 75 Resp: 55325

Ion Ratio Lower Upper

75 100

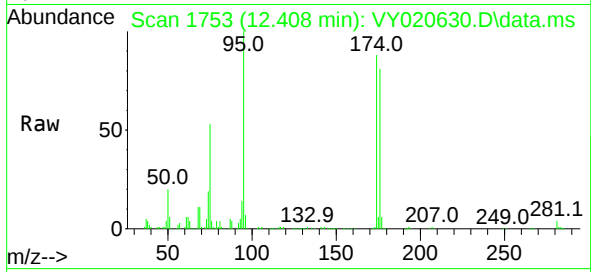
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.295 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020630.D
 Acq: 18 Dec 2024 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.2#
89	0.0	37.0	55.4#

