

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010605.D
 Acq On : 21 Sep 2022 17:41
 Operator : KP/MD
 Sample : N4695-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 06:11:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

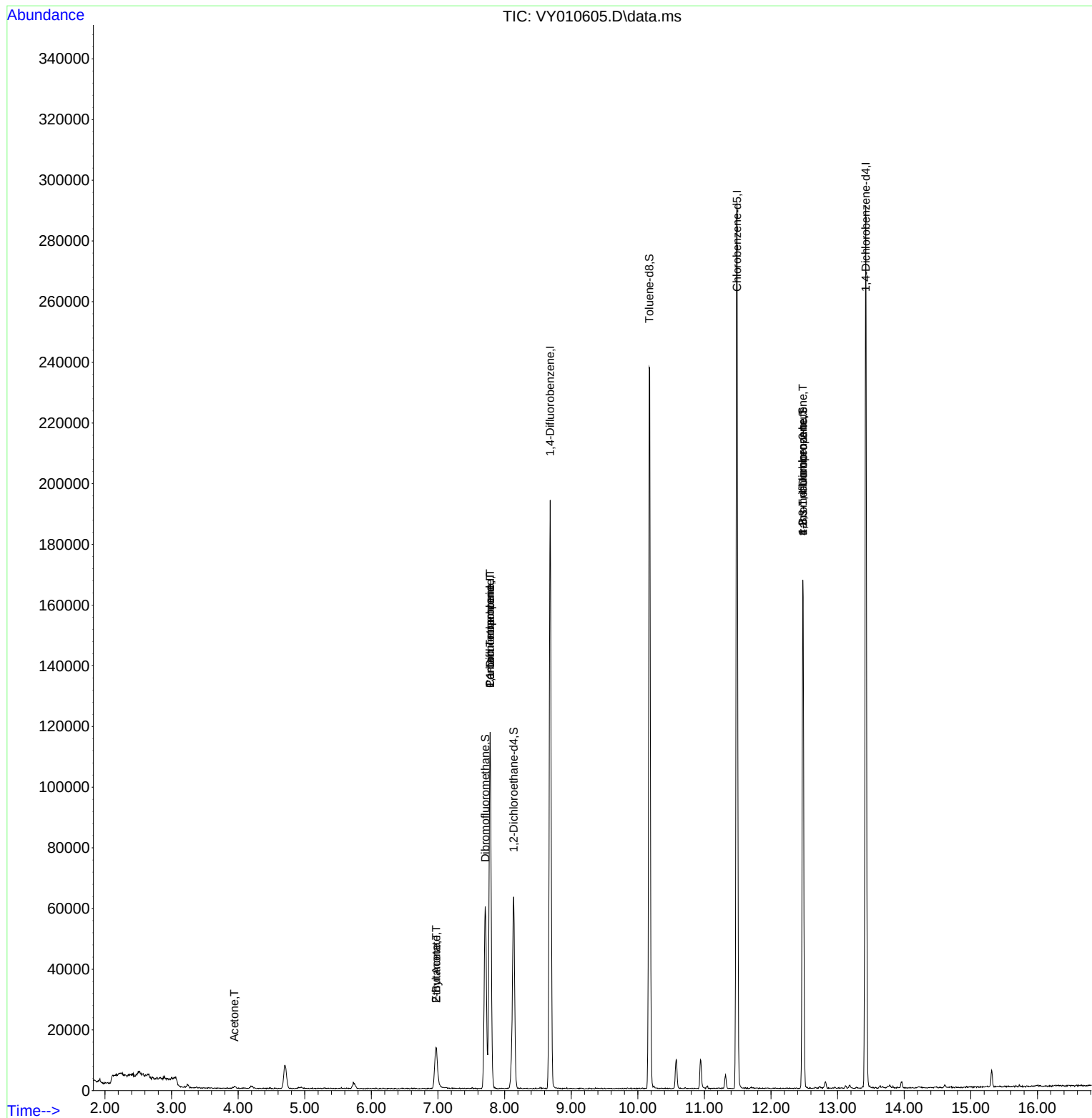
Internal Standards						
1) Pentafluorobenzene	7.783	168	90729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47125	54.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.600%	
35) Dibromofluoromethane	7.710	113	42885	40.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.520%	
50) Toluene-d8	10.173	98	159617	41.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.220%	
62) 4-Bromofluorobenzene	12.477	95	50156	33.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	97	Below Cal	#	43
3) Chloromethane	2.113	50	379	Below Cal		94
4) Vinyl Chloride	2.259	62	20	Below Cal	#	1
5) Bromomethane	2.656	94	259	Below Cal	#	39
11) Tert butyl alcohol	4.918	59	270	Below Cal	#	77
16) Acetone	3.942	43	1015	5.736	ug/l #	79
18) Methyl Acetate	4.472	43	61	Below Cal	#	56
20) Methylene Chloride	4.704	84	6102	Below Cal	#	78
25) 2-Butanone	6.972	43	857	3.096	ug/l #	54
31) Cyclohexane	7.783	56	1956	Below Cal	#	35
36) 1,1-Dichloropropene	7.783	75	7042	6.007	ug/l #	51
37) Ethyl Acetate	6.972	43	857	1.266	ug/l #	59
38) Carbon Tetrachloride	7.783	117	8735	6.480	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	26954	38.577	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26954	85.774	ug/l #	7

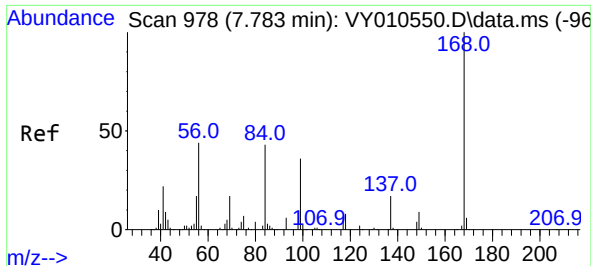
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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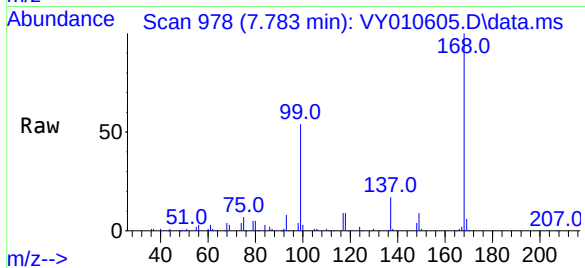
Quant Time: Sep 22 06:11:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
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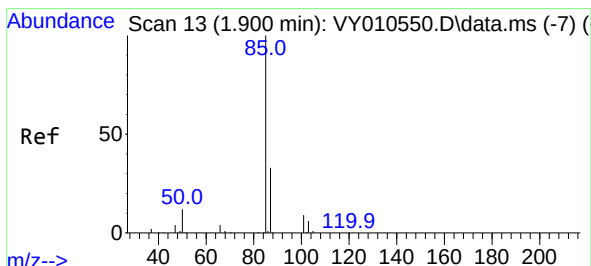
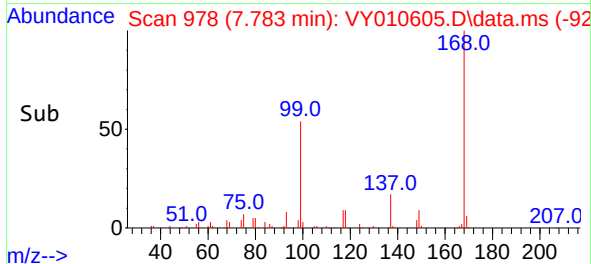
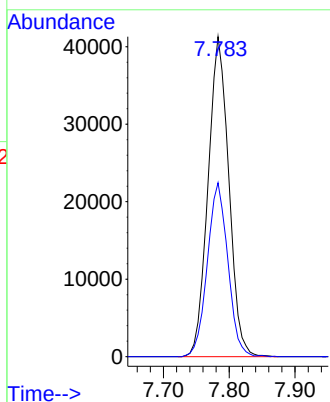


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :

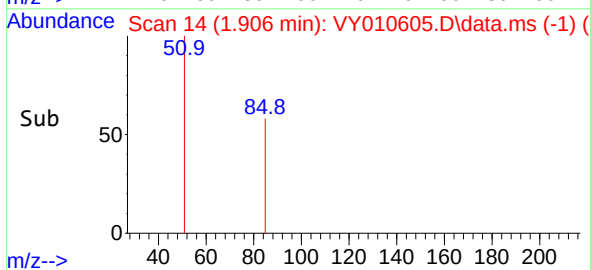
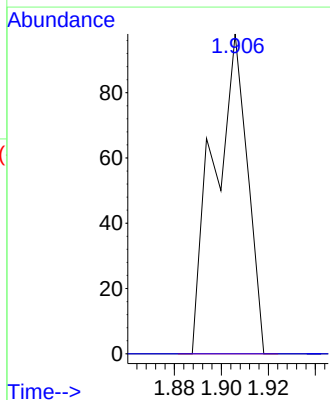
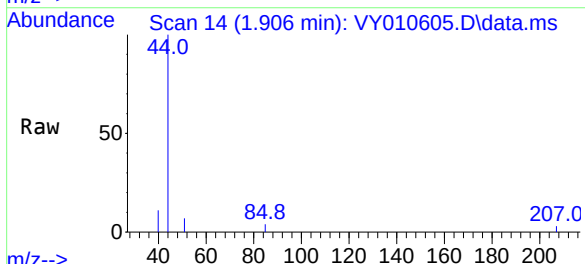


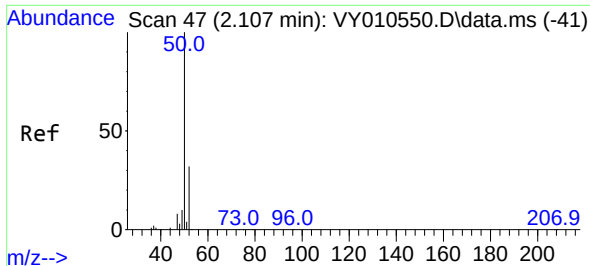
Tgt Ion:168 Resp: 90729
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Tgt Ion: 85 Resp: 97
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

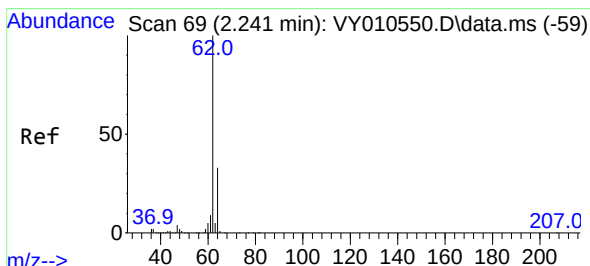
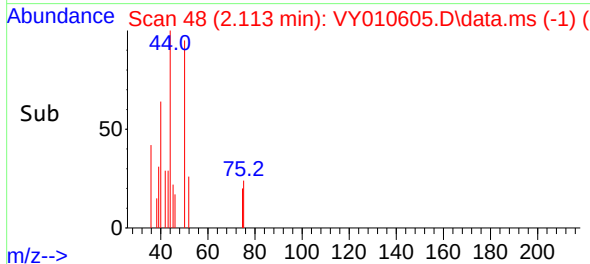
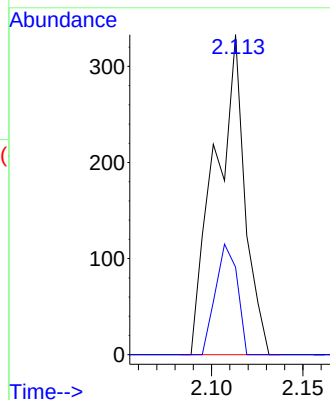
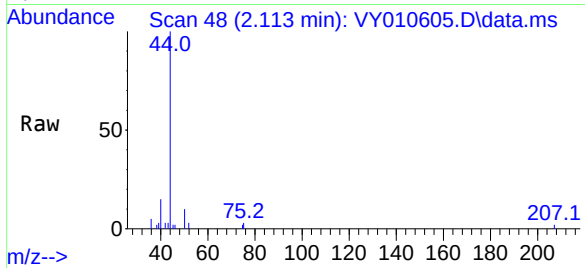




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

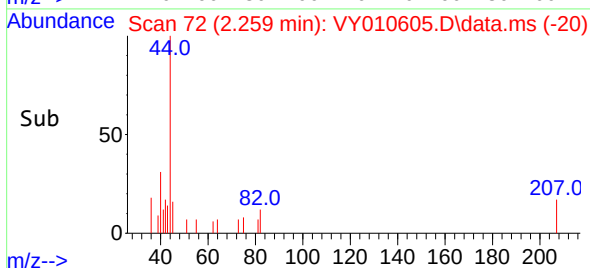
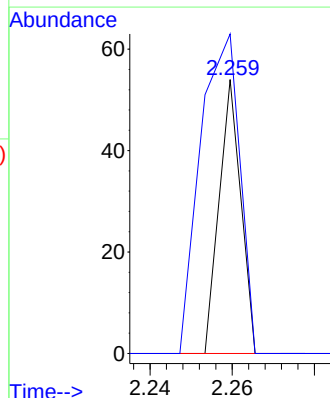
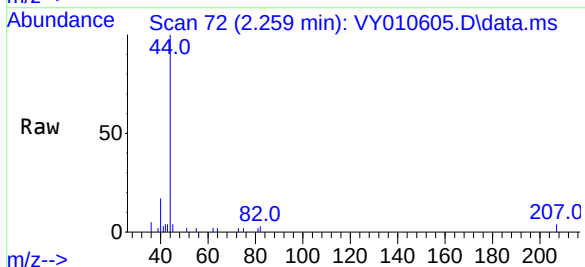
Instrument :
MSVOA_Y
ClientSampleId :

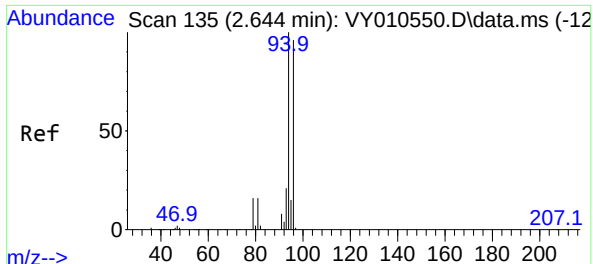
Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 27.3 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.018 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

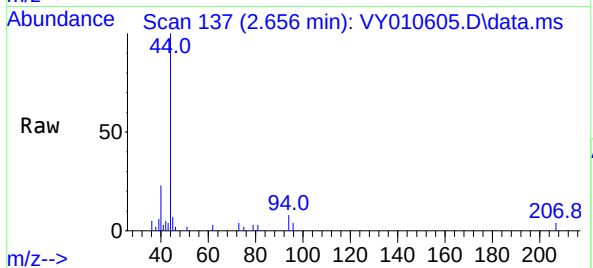
Tgt Ion: 62 Resp: 20
Ion Ratio Lower Upper
62 100
64 116.7 25.0 37.6#



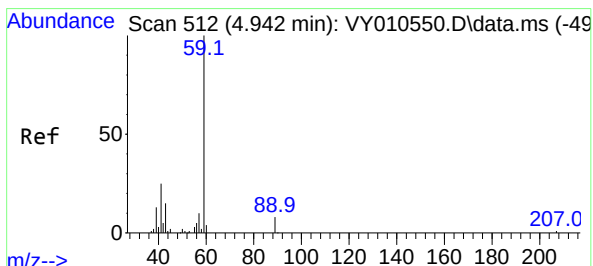
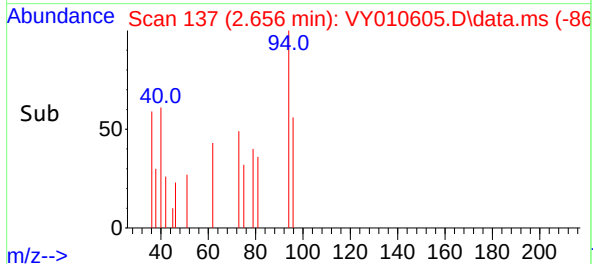
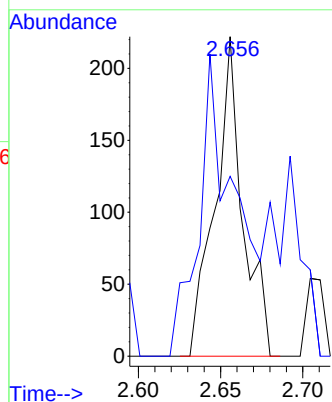


#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :

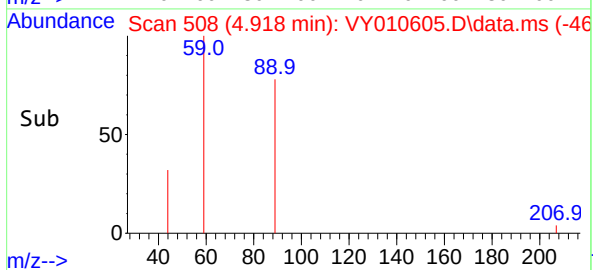
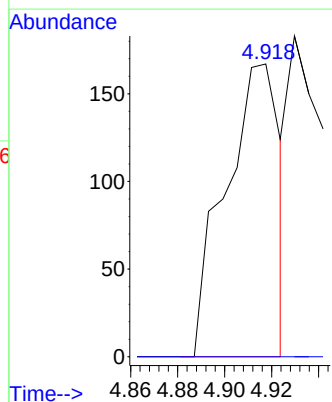
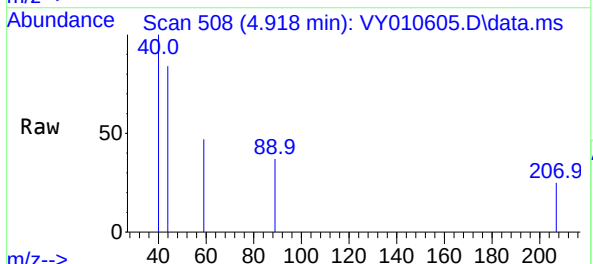


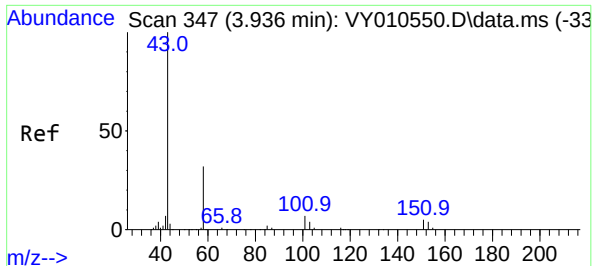
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 33.3 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.024 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

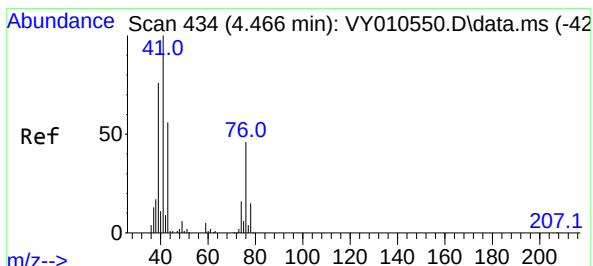
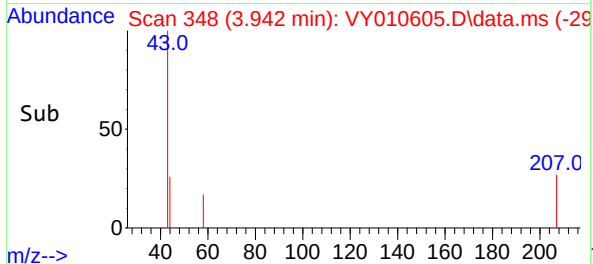
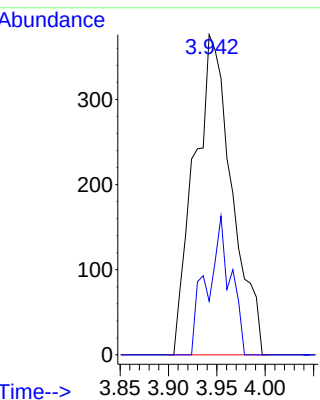
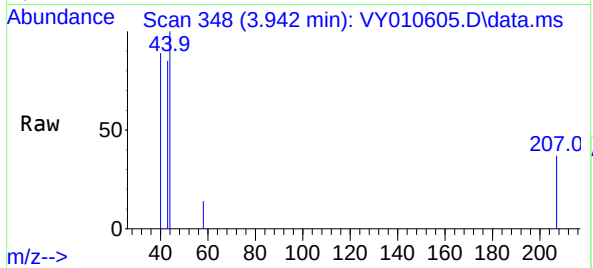




#16
Acetone
Concen: 5.736 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

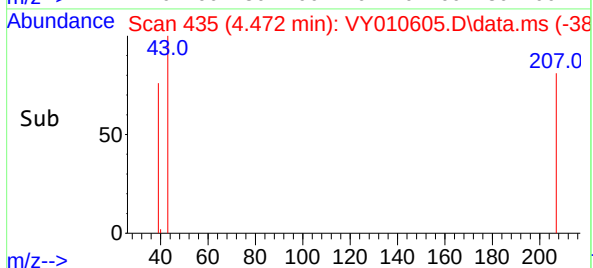
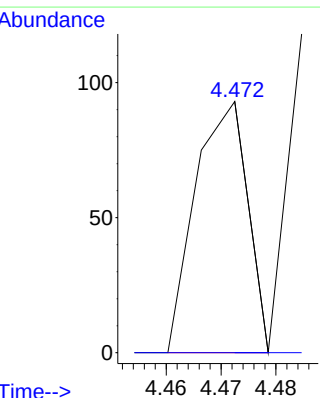
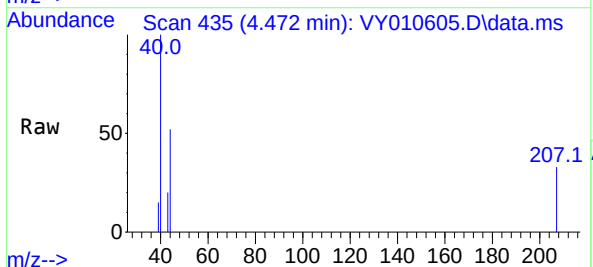
Instrument :
MSVOA_Y
ClientSampleId :

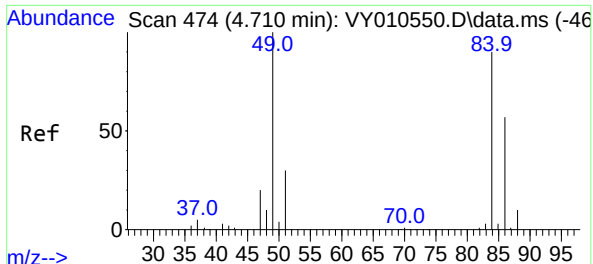
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 16.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

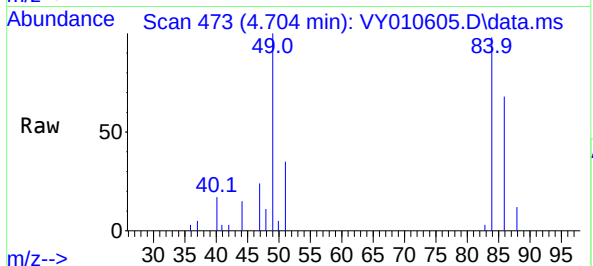
Lab File: VY010605.D

Acq: 21 Sep 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 6102

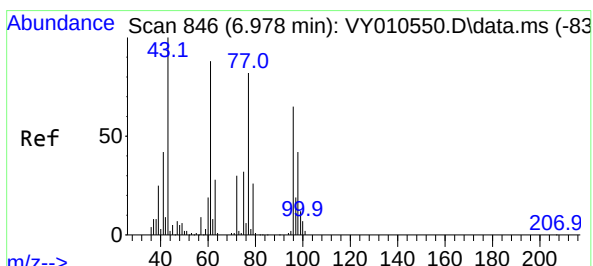
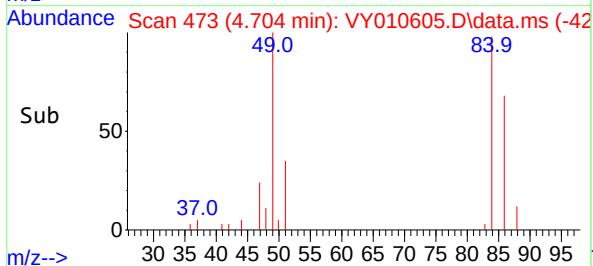
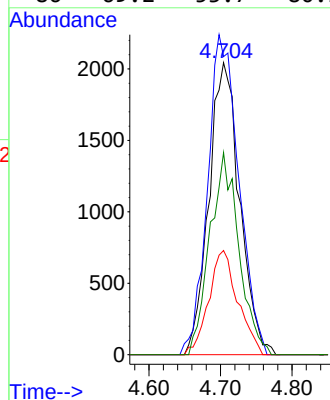
Ion Ratio Lower Upper

84 100

49 102.1 114.4 171.6#

51 35.7 35.3 52.9

86 69.2 53.7 80.5



#25

2-Butanone

Concen: 3.096 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010605.D

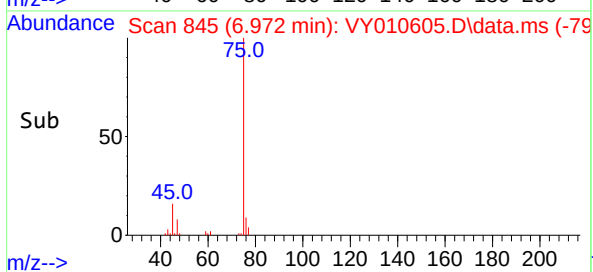
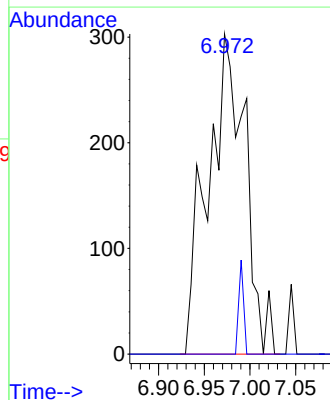
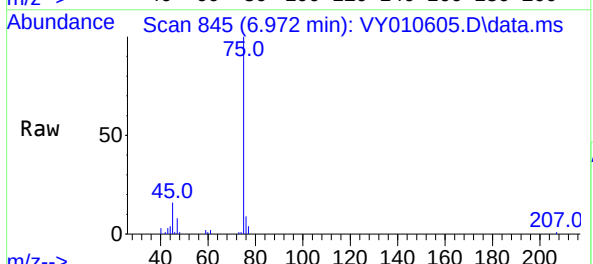
Acq: 21 Sep 2022 17:41

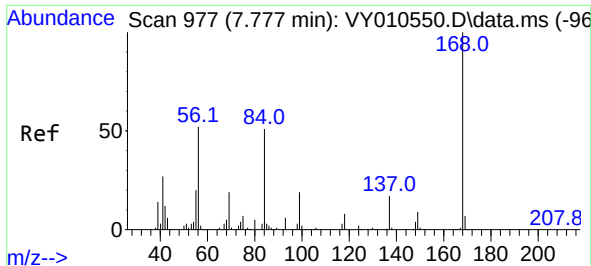
Tgt Ion: 43 Resp: 857

Ion Ratio Lower Upper

43 100

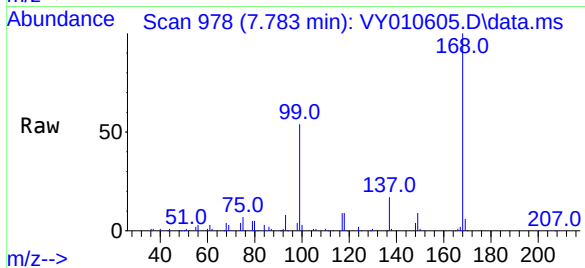
72 0.0 17.7 26.5#



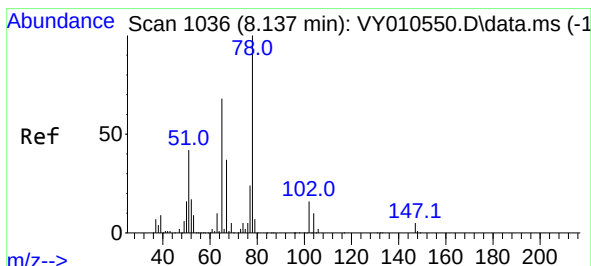
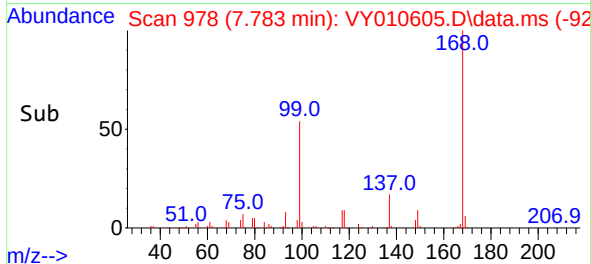
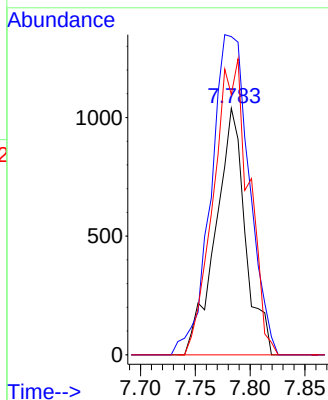


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :

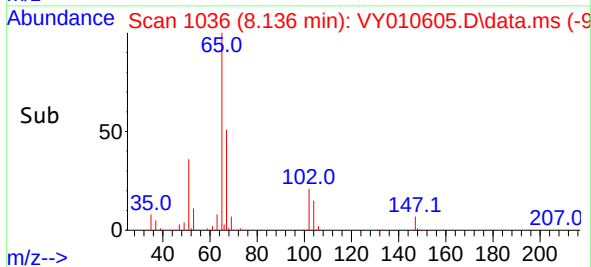
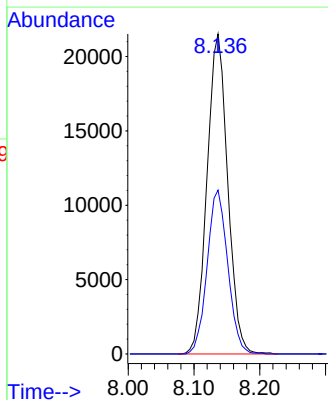
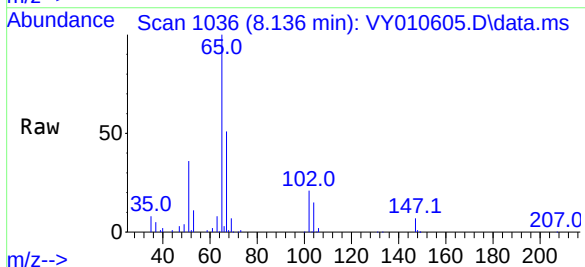


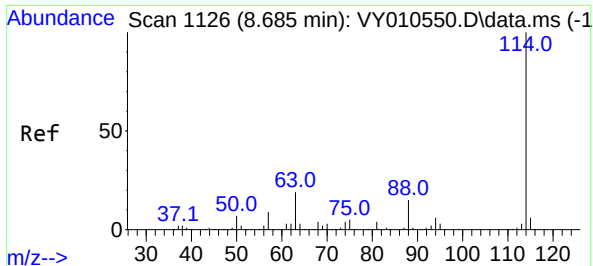
Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
69 129.1 26.7 40.1#
84 105.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.304 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Tgt Ion: 65 Resp: 47125
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010605.D

Acq: 21 Sep 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

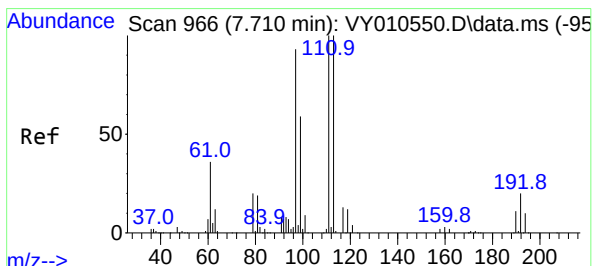
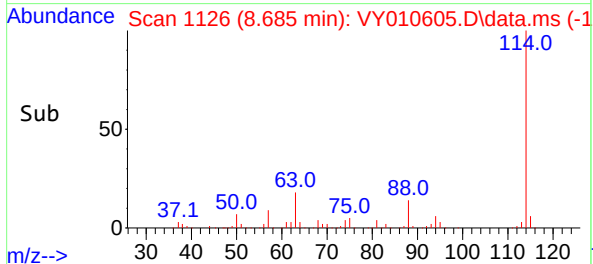
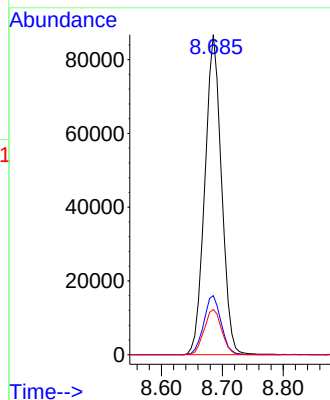
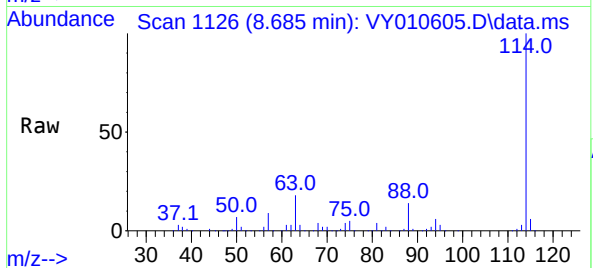
Tgt Ion:114 Resp: 164867

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.758 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010605.D

Acq: 21 Sep 2022 17:41

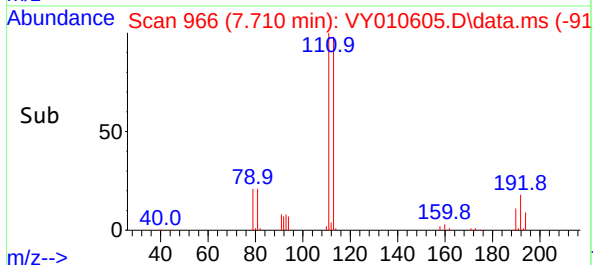
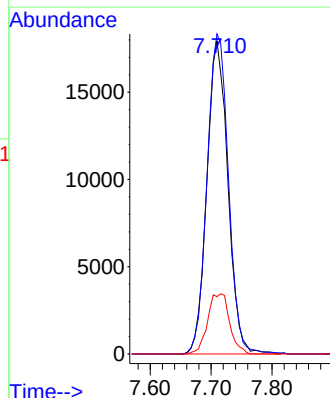
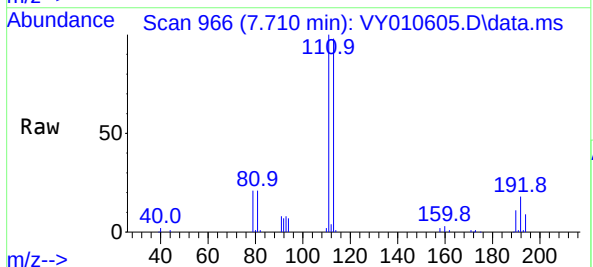
Tgt Ion:113 Resp: 42885

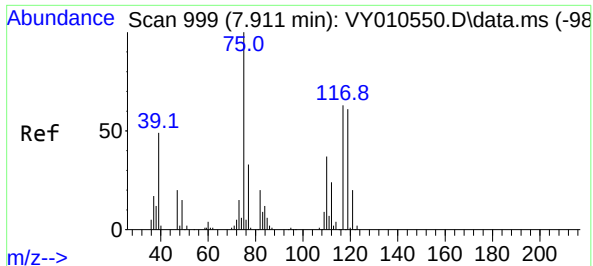
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 20.1 17.6 26.4

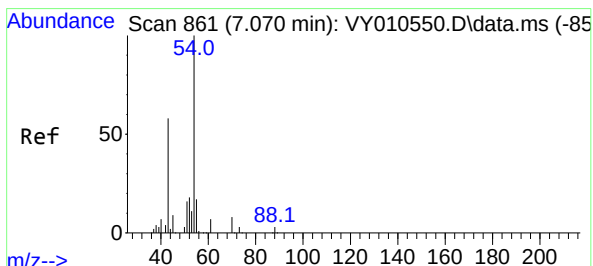
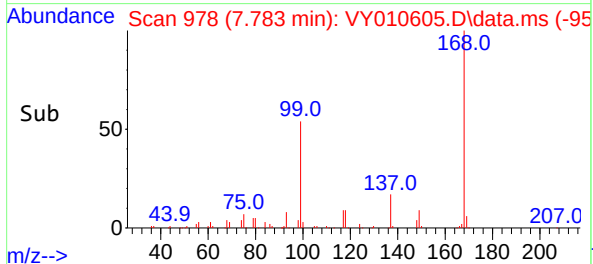
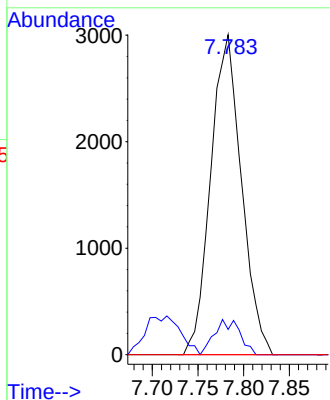
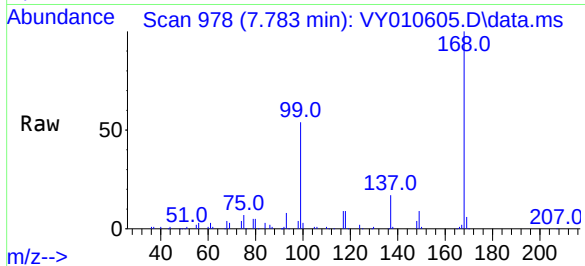




#36
1,1-Dichloropropene
Concen: 6.007 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

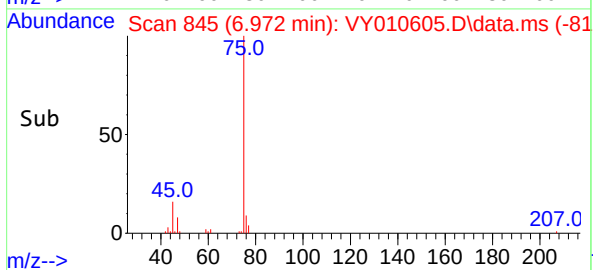
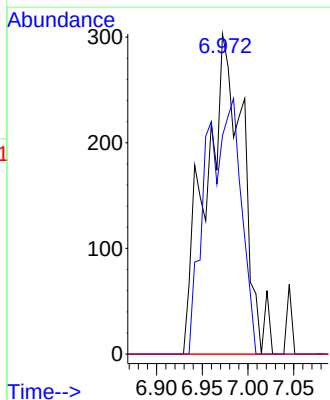
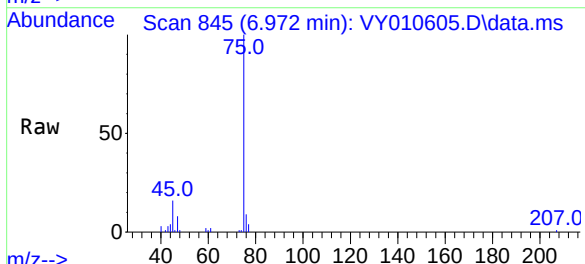
Instrument :
MSVOA_Y
ClientSampleId :

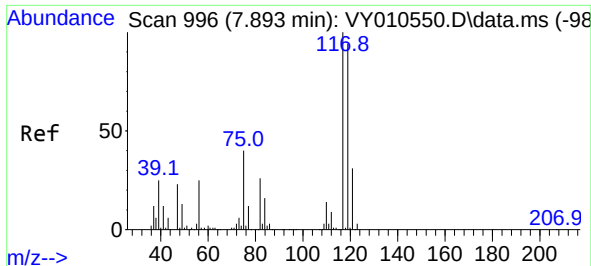
Tgt Ion: 75 Resp: 7042
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.266 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

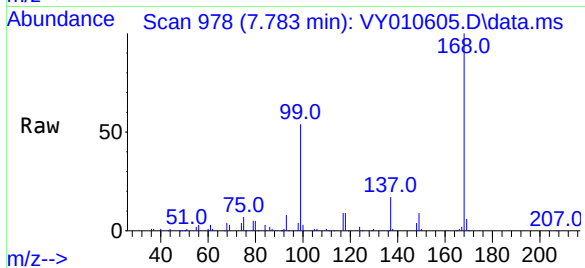
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
61 32.6 9.7 14.5#
70 0.0 7.1 10.7#



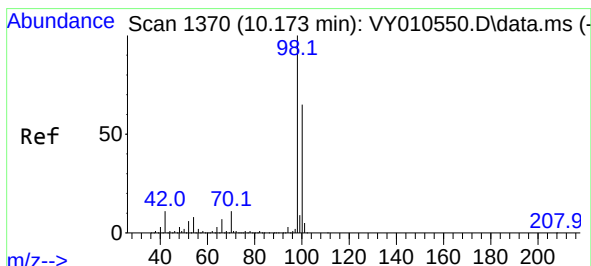
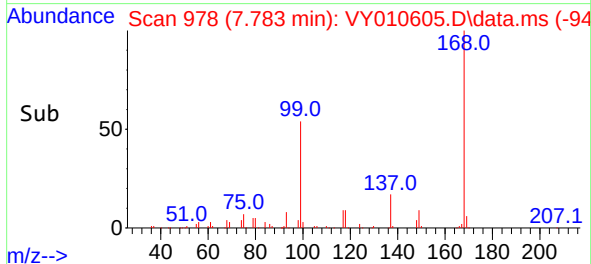
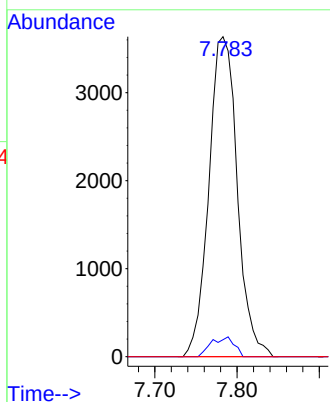


#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :

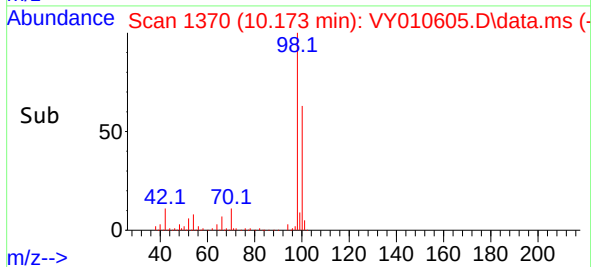
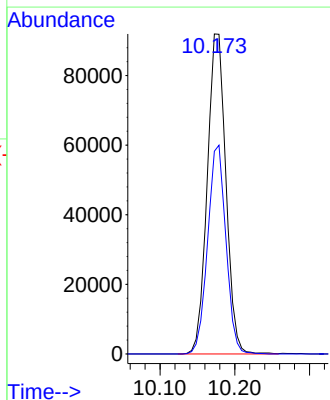
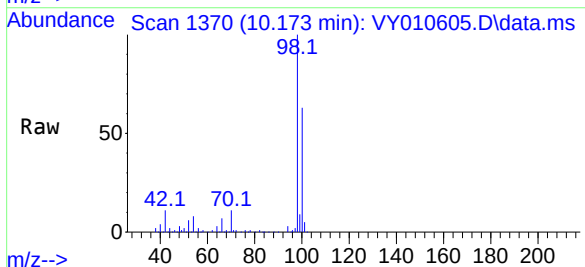


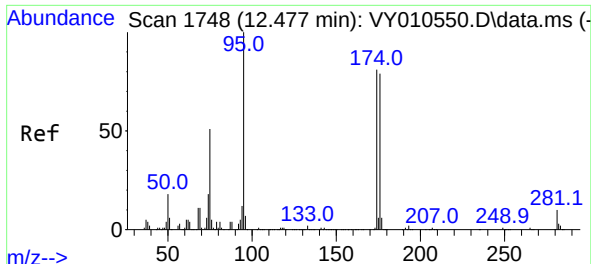
Tgt Ion:117 Resp: 8735
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 41.606 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Tgt Ion: 98 Resp: 159617
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

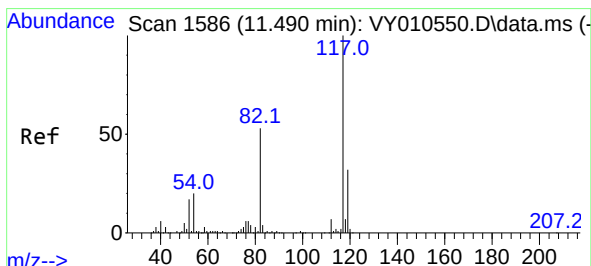
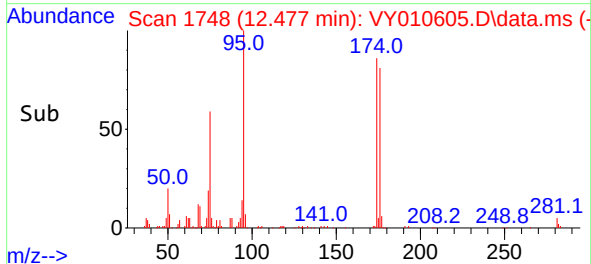
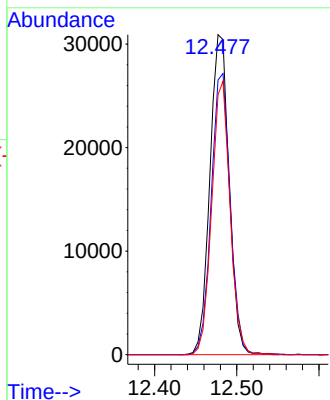
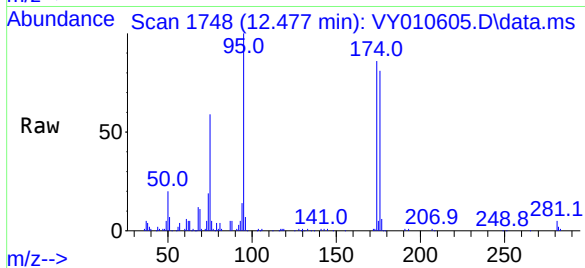




#62
4-Bromofluorobenzene
Concen: 33.883 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

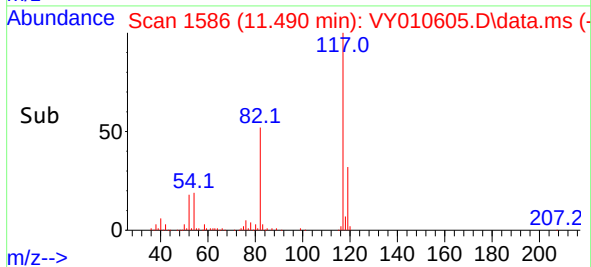
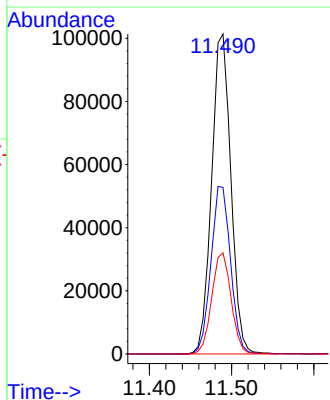
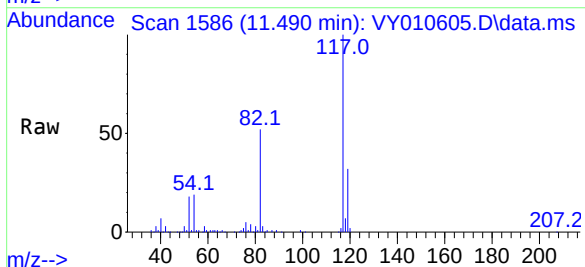
Instrument :
MSVOA_Y
ClientSampleId :

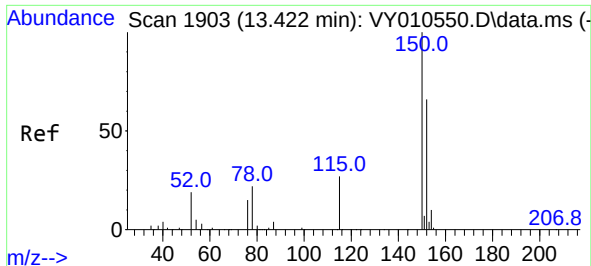
Tgt Ion: 95 Resp: 50156
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

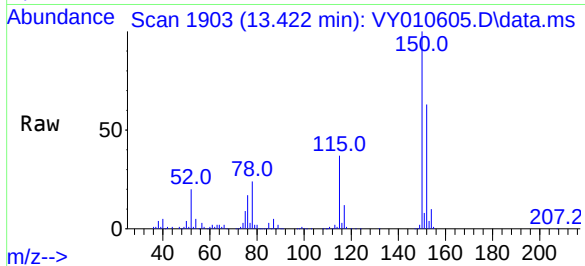
Tgt Ion: 117 Resp: 165129
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.6 25.4 38.0



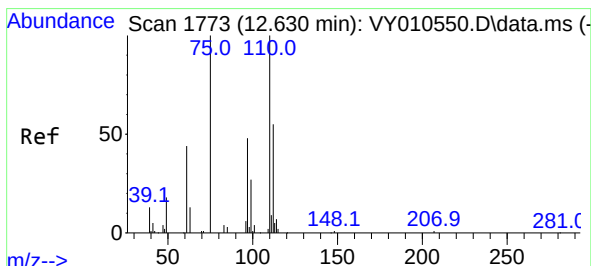
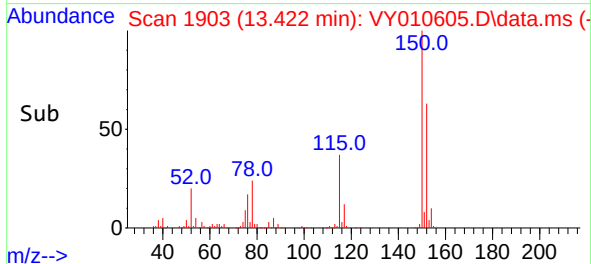
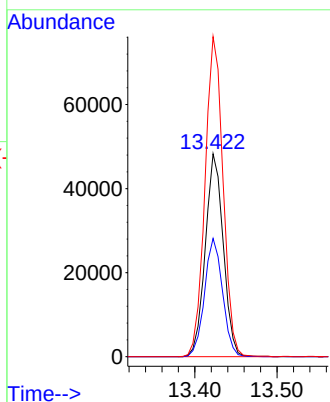


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :

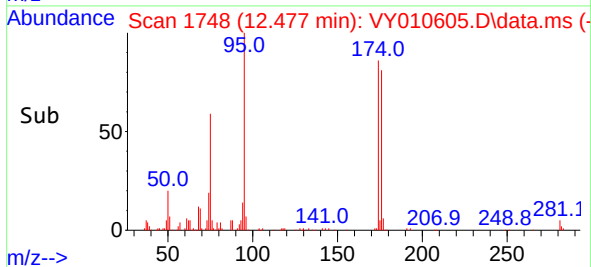
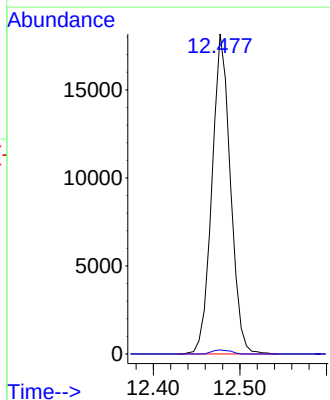
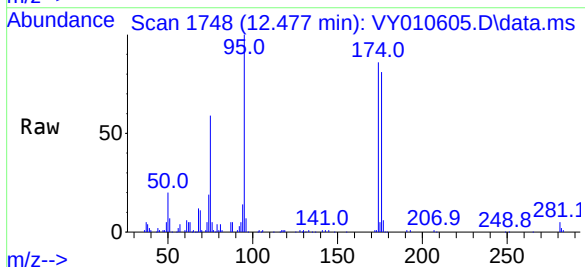


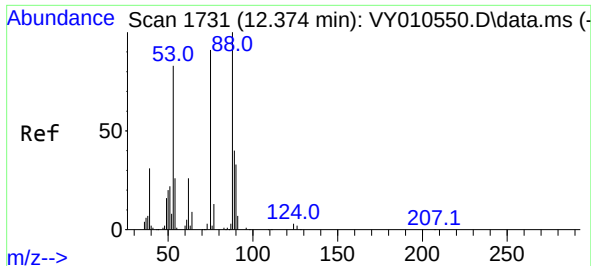
Tgt Ion:152 Resp: 73206
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 38.577 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010605.D
Acq: 21 Sep 2022 17:41

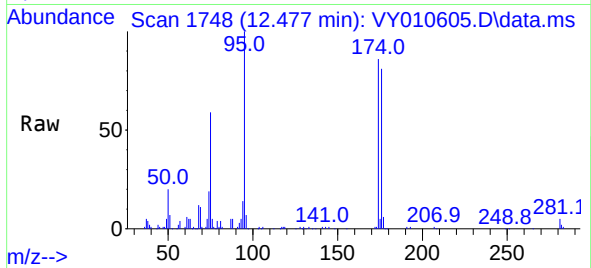
Tgt Ion: 75 Resp: 26954
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.774 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010605.D
 Acq: 21 Sep 2022 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 26954
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

