

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009284.D
 Acq On : 23 Jun 2022 10:22
 Operator : KP/MD
 Sample : VY0623SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBL01

Quant Time: Jun 24 09:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

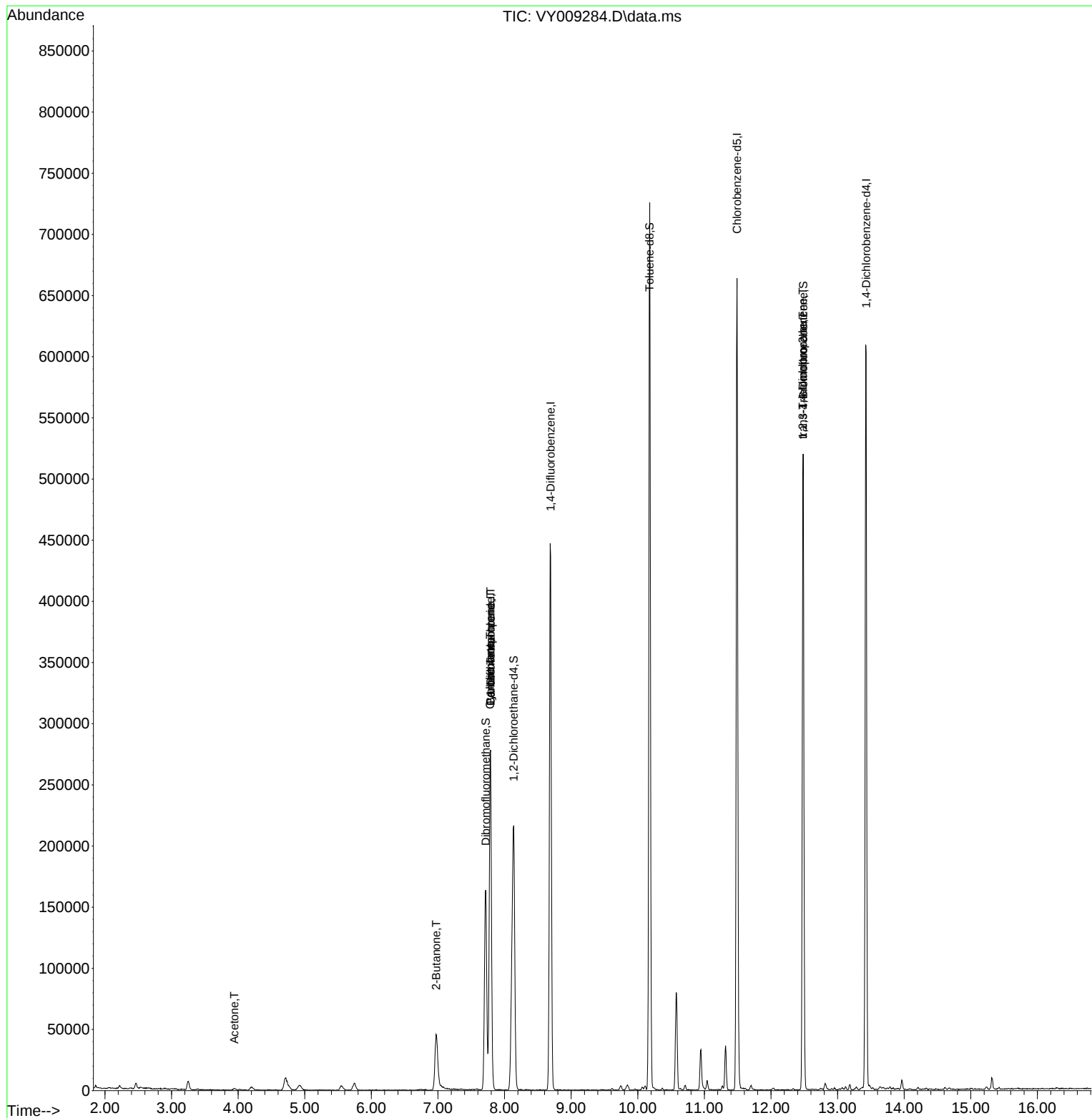
Internal Standards						
1) Pentafluorobenzene	7.789	168	222725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	128911	52.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.400%
35) Dibromofluoromethane	7.716	113	116720	46.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.020%
50) Toluene-d8	10.179	98	463820	48.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.483	95	156262	46.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	4665	Below Cal	#	83
16) Acetone	3.942	43	2393	3.959	ug/l	99
18) Methyl Acetate	4.460	43	59	Below Cal	#	56
20) Methylene Chloride	4.704	84	6975	Below Cal	#	74
25) 2-Butanone	6.972	43	2724	2.791	ug/l	# 81
31) Cyclohexane	7.783	56	4726	1.113	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	17290	4.527	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	20603	5.188	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	79440	42.617	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	79440	90.361	ug/l	# 7

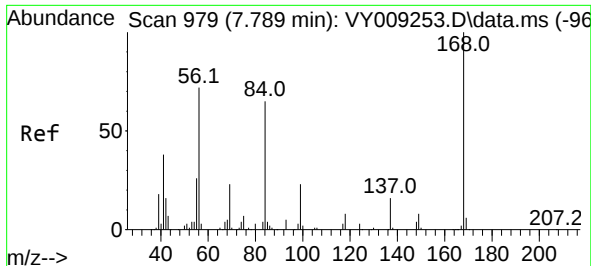
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
Data File : VY009284.D
Acq On : 23 Jun 2022 10:22
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Sample : VY0623SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

Quant Time: Jun 24 09:21:10 2022
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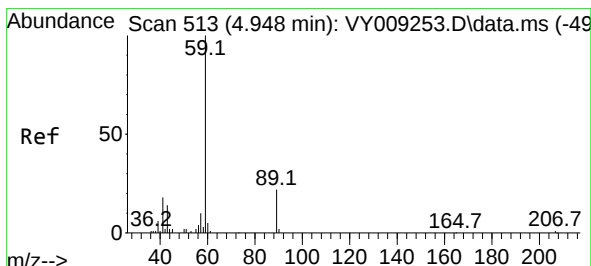
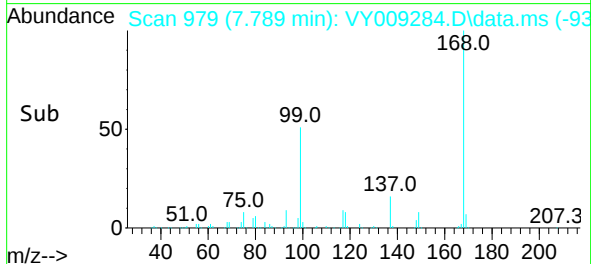
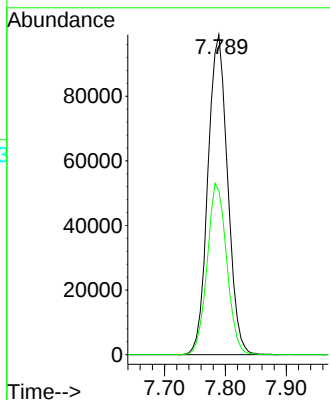
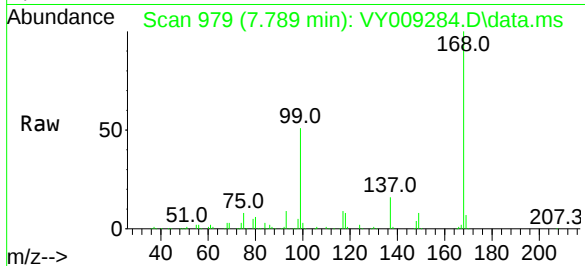




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

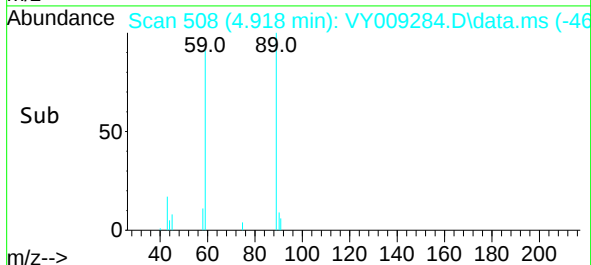
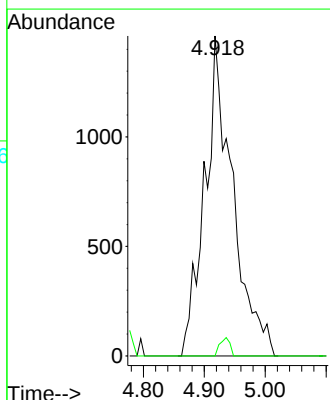
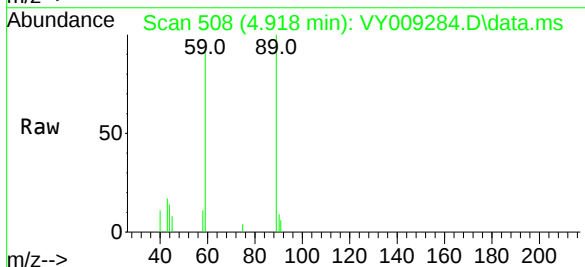
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

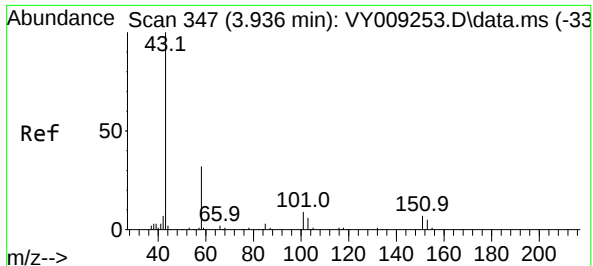
Tgt Ion:168 Resp: 222725
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Tgt Ion: 59 Resp: 4665
Ion Ratio Lower Upper
59 100
57 2.1 6.4 9.6#





#16

Acetone

Concen: 3.959 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009284.D

Acq: 23 Jun 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

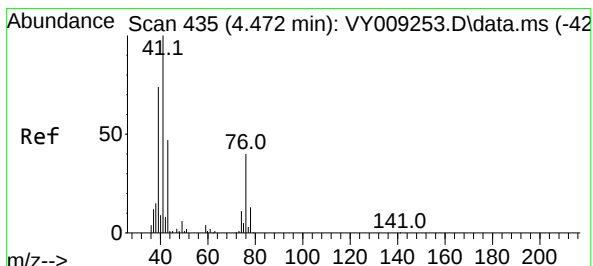
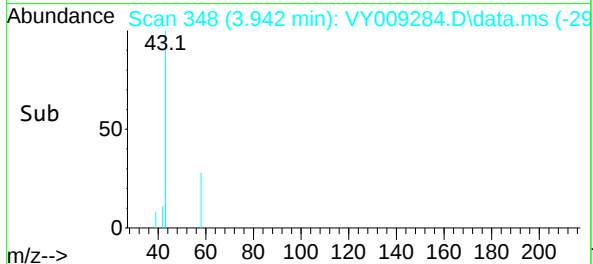
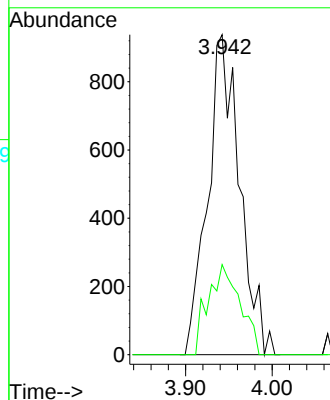
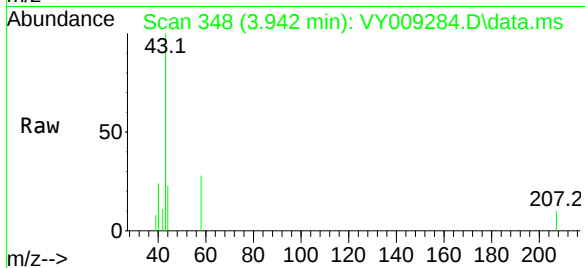
VY0623SBL01

Tgt Ion: 43 Resp: 2393

Ion Ratio Lower Upper

43 100

58 28.1 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 433

Delta R.T. -0.012 min

Lab File: VY009284.D

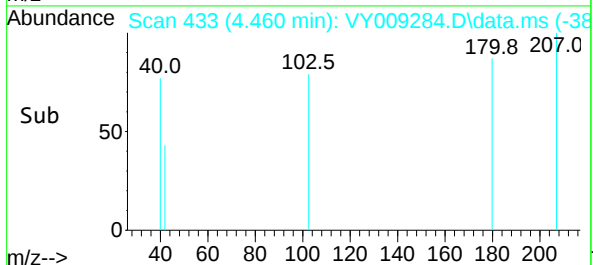
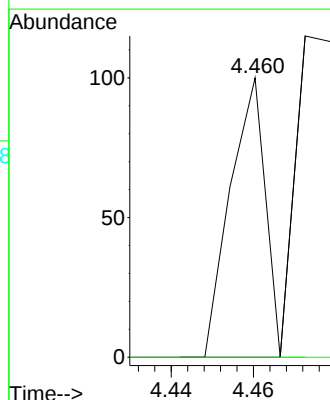
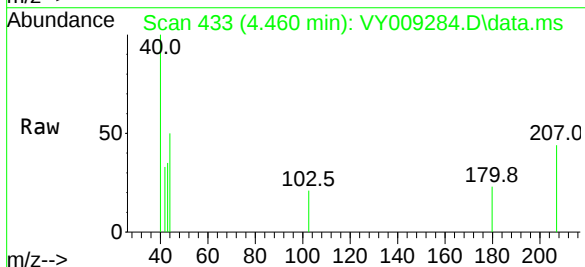
Acq: 23 Jun 2022 10:22

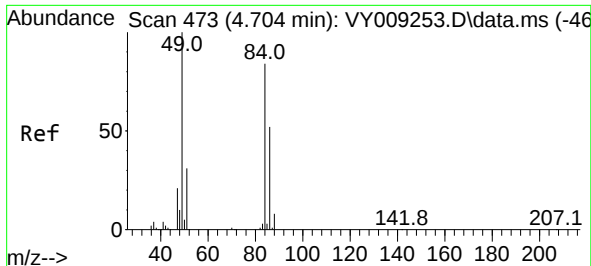
Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

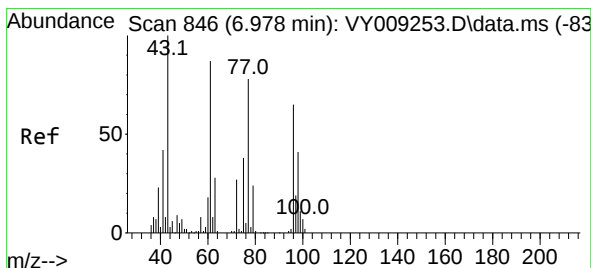
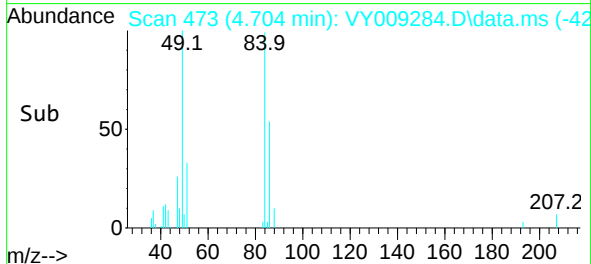
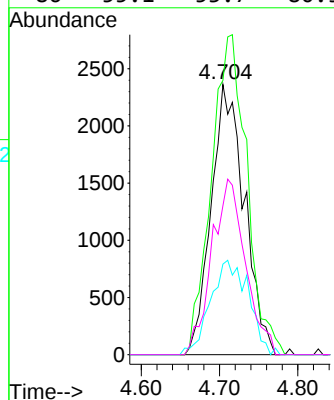
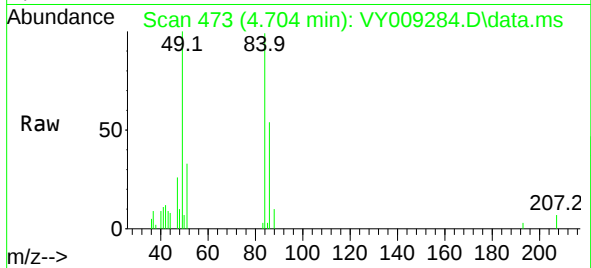




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

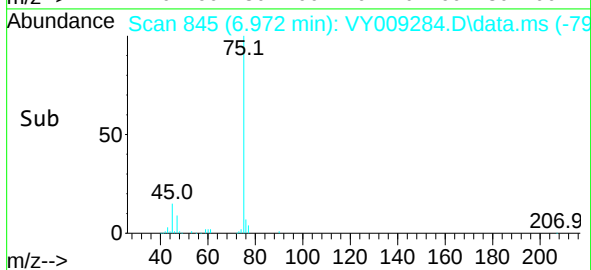
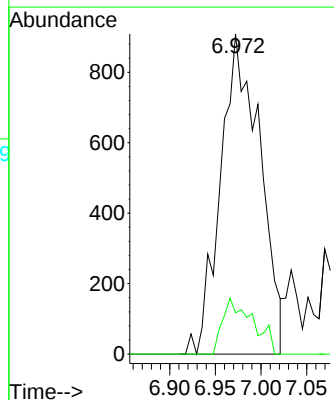
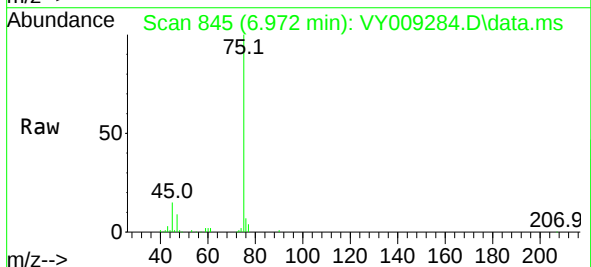
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

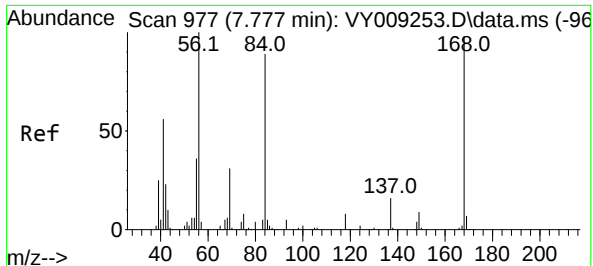
Tgt Ion: 84 Resp: 6975
Ion Ratio Lower Upper
84 100
49 101.5 114.4 171.6#
51 33.5 35.3 52.9#
86 55.1 53.7 80.5



#25
2-Butanone
Concen: 2.791 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

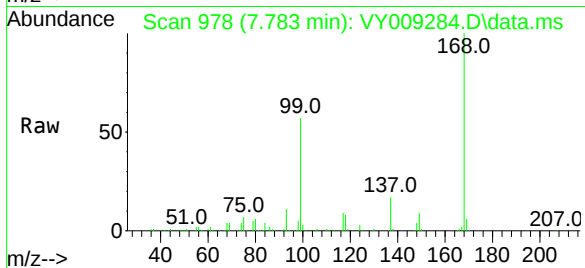
Tgt Ion: 43 Resp: 2724
Ion Ratio Lower Upper
43 100
72 12.9 17.7 26.5#



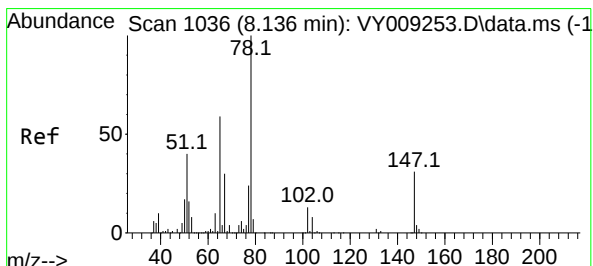
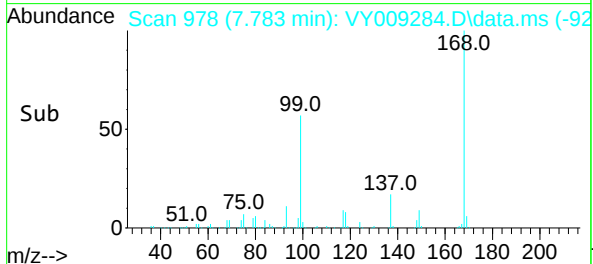
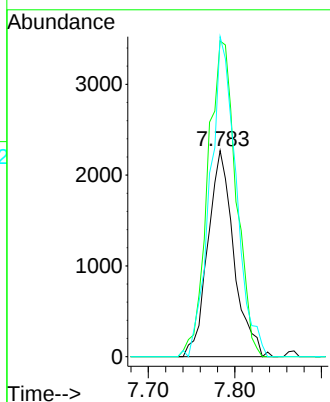


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

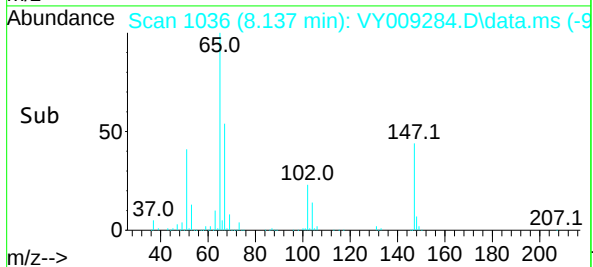
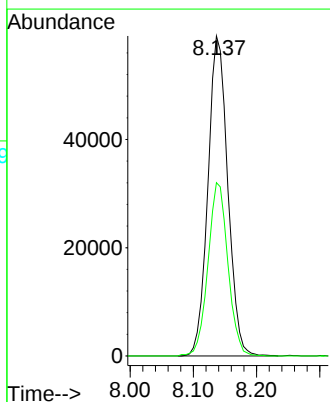
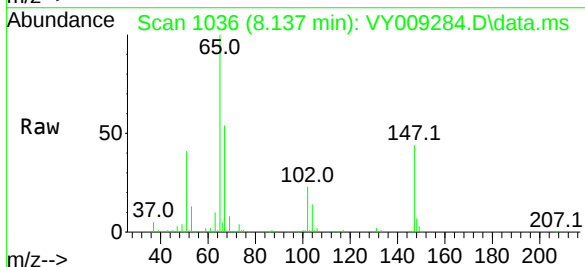


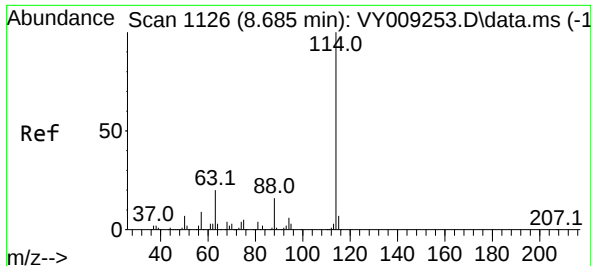
Tgt Ion: 56 Resp: 4726
Ion Ratio Lower Upper
56 100
69 153.2 26.7 40.1#
84 155.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.700 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Tgt Ion: 65 Resp: 128911
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

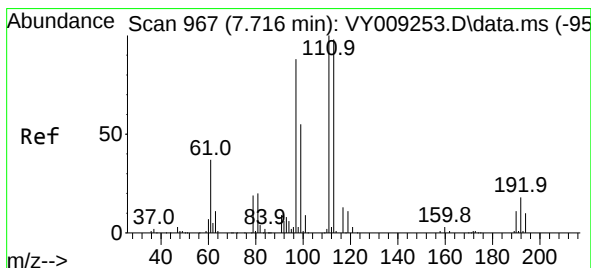
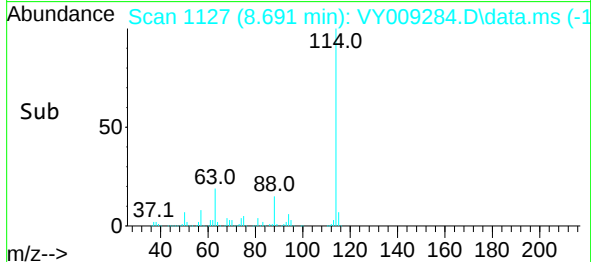
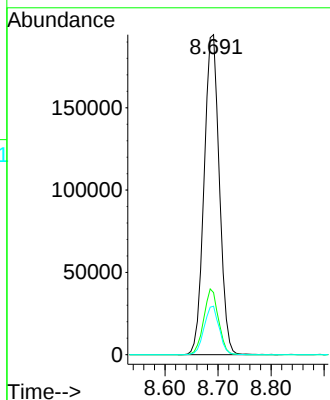
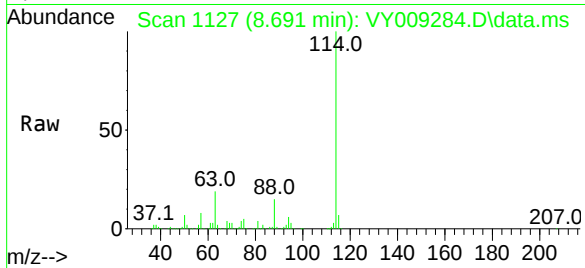




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

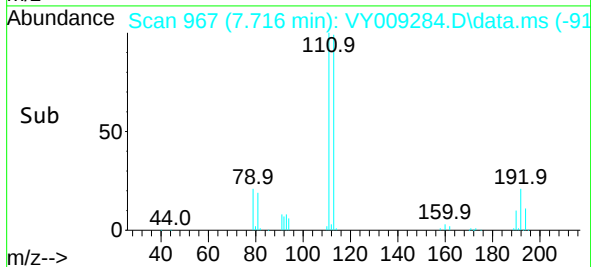
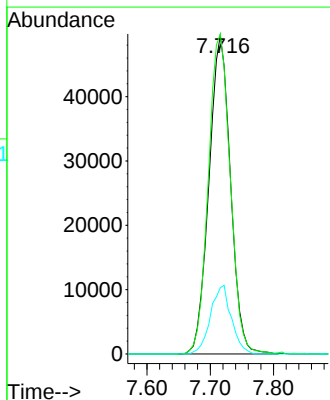
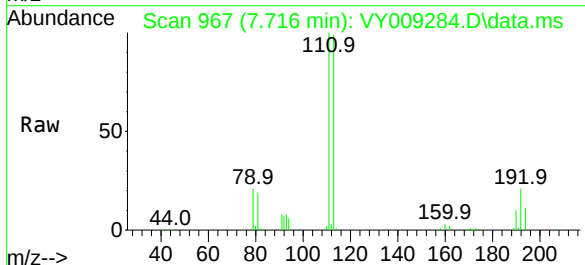
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

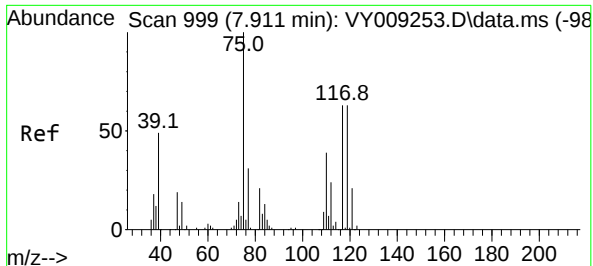
Tgt Ion:114 Resp: 387490
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.512 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Tgt Ion:113 Resp: 116720
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.9 17.6 26.4

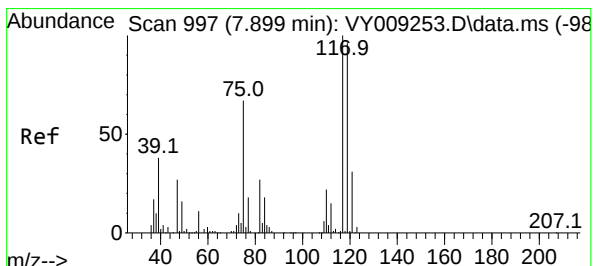
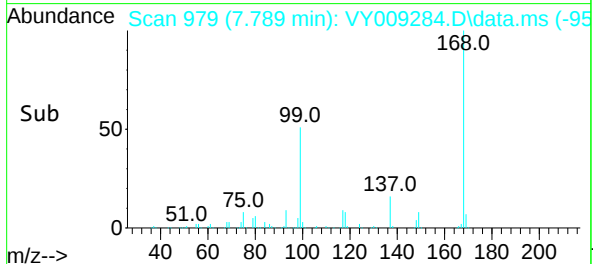
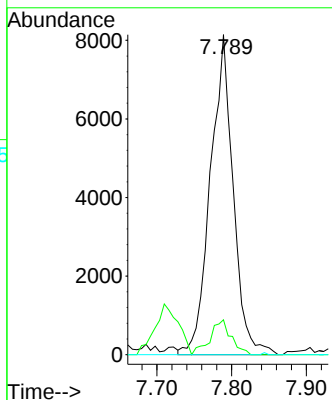
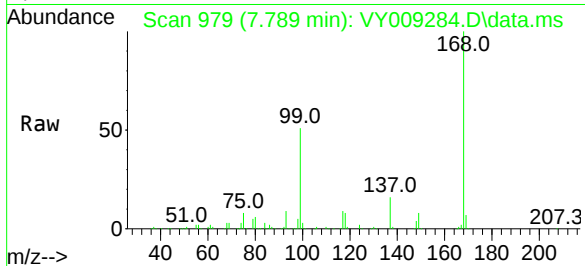




#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009284.D
 Acq: 23 Jun 2022 10:22

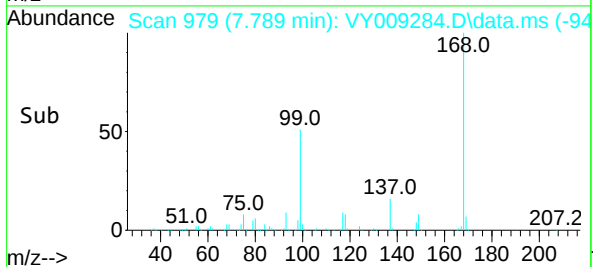
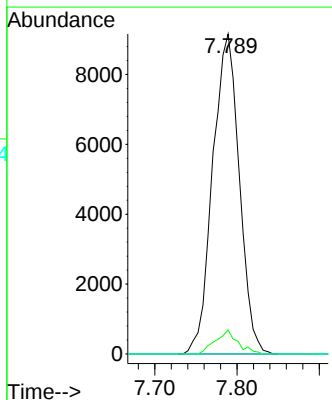
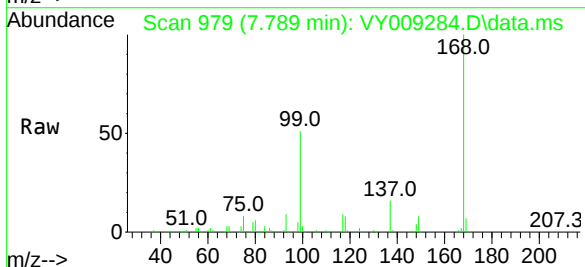
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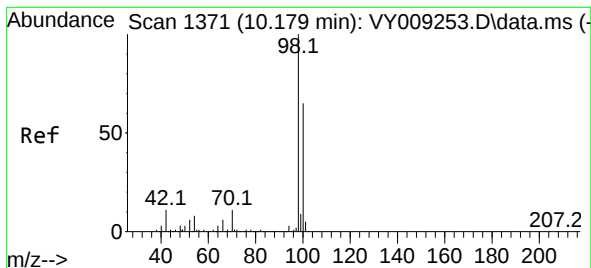
Tgt Ion: 75 Resp: 17290
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.188 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY009284.D
 Acq: 23 Jun 2022 10:22

Tgt Ion: 117 Resp: 20603
 Ion Ratio Lower Upper
 117 100
 119 7.5 77.9 116.9#
 121 0.0 24.8 37.2#

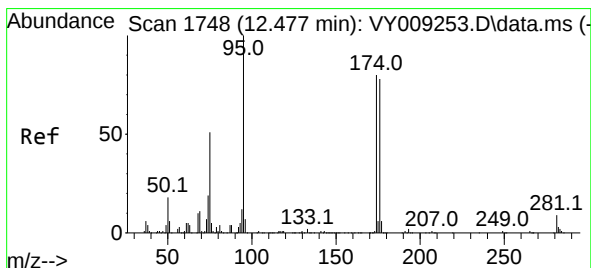
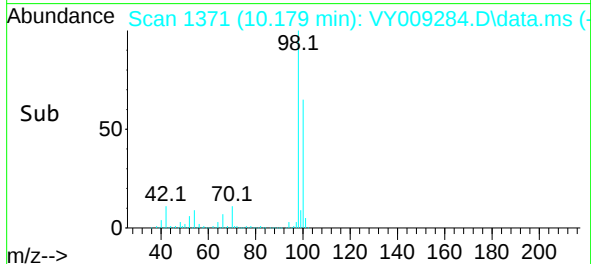
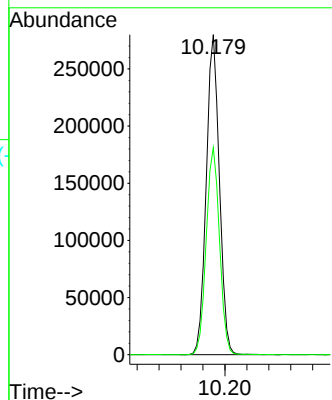
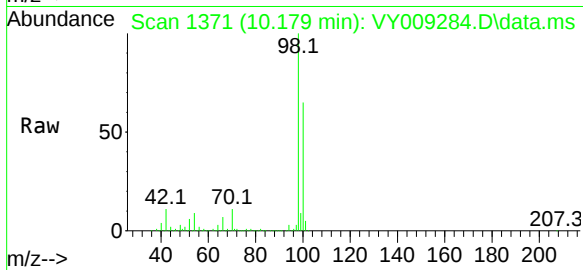




#50
Toluene-d8
Concen: 48.114 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

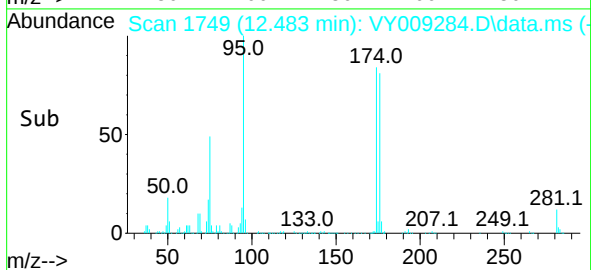
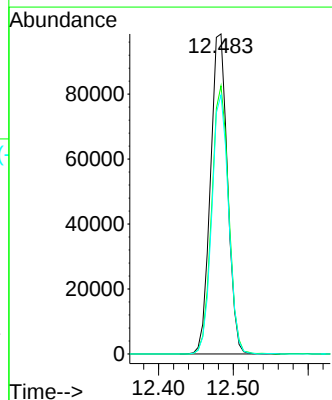
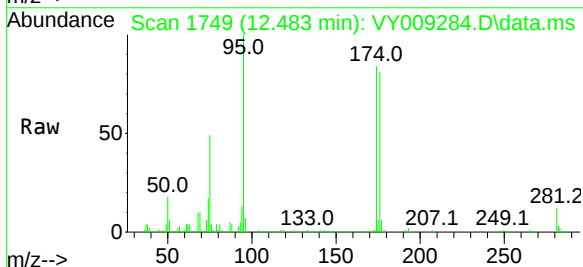
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

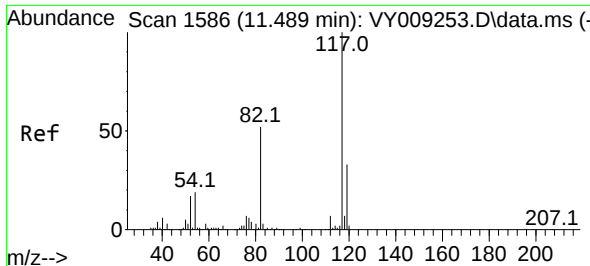
Tgt Ion: 98 Resp: 463820
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Tgt Ion: 95 Resp: 156262
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 79.9 0.0 175.8

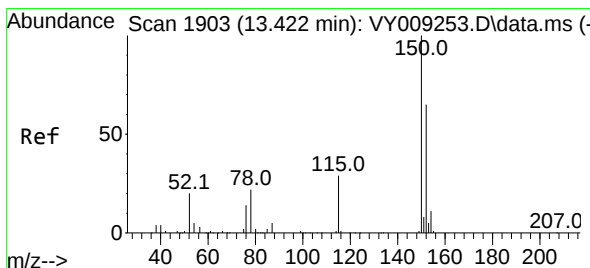
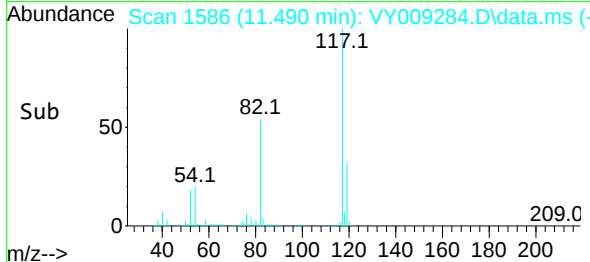
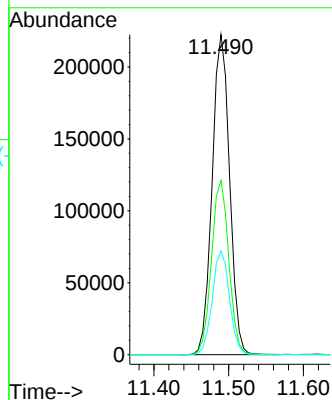
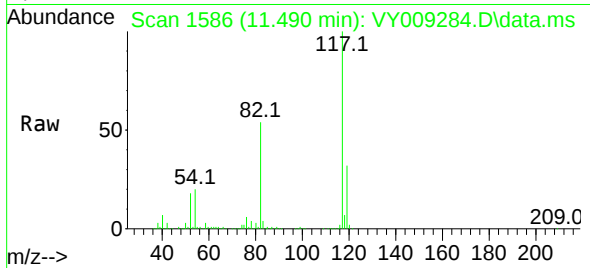




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

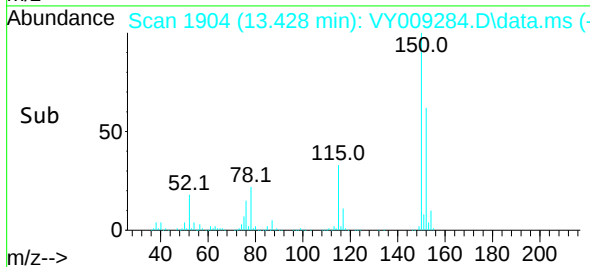
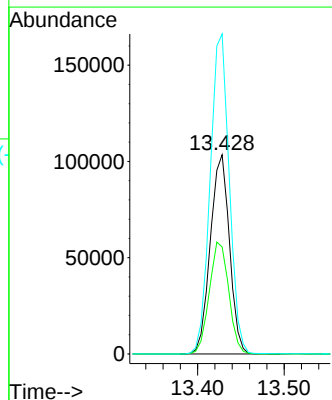
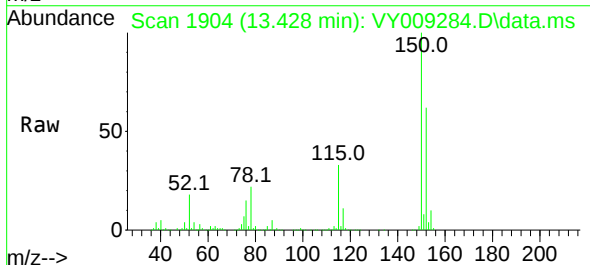
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

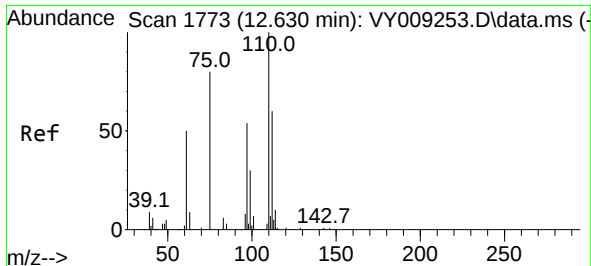
Tgt Ion:117 Resp: 360648
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Tgt Ion:152 Resp: 158995
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 159.9 0.0 347.6

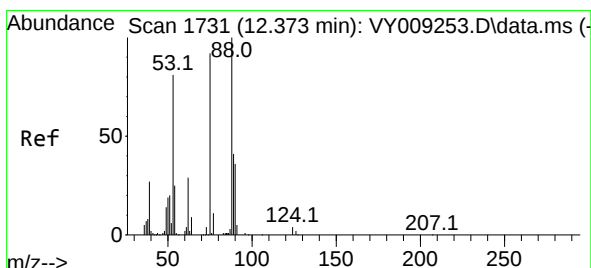
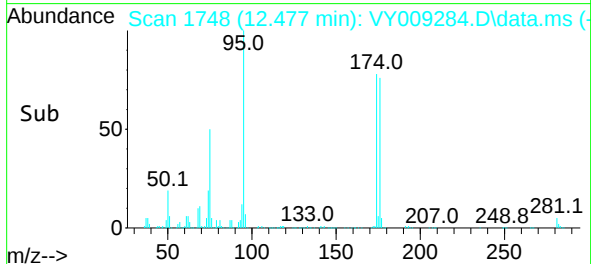
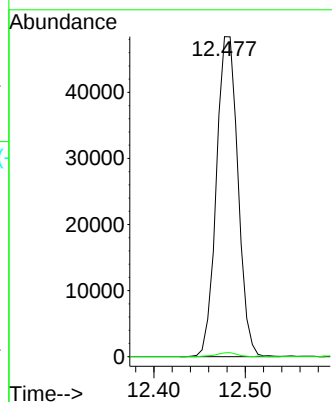
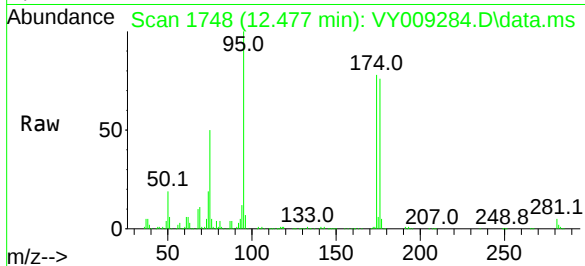




#76
1,2,3-Trichloropropane
Concen: 42.617 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

Tgt Ion: 75 Resp: 79440
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.361 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009284.D
Acq: 23 Jun 2022 10:22

Tgt Ion: 75 Resp: 79440
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

