

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009219.D
 Acq On : 17 Jun 2022 12:10
 Operator : KP/MD
 Sample : N3353-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 14:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

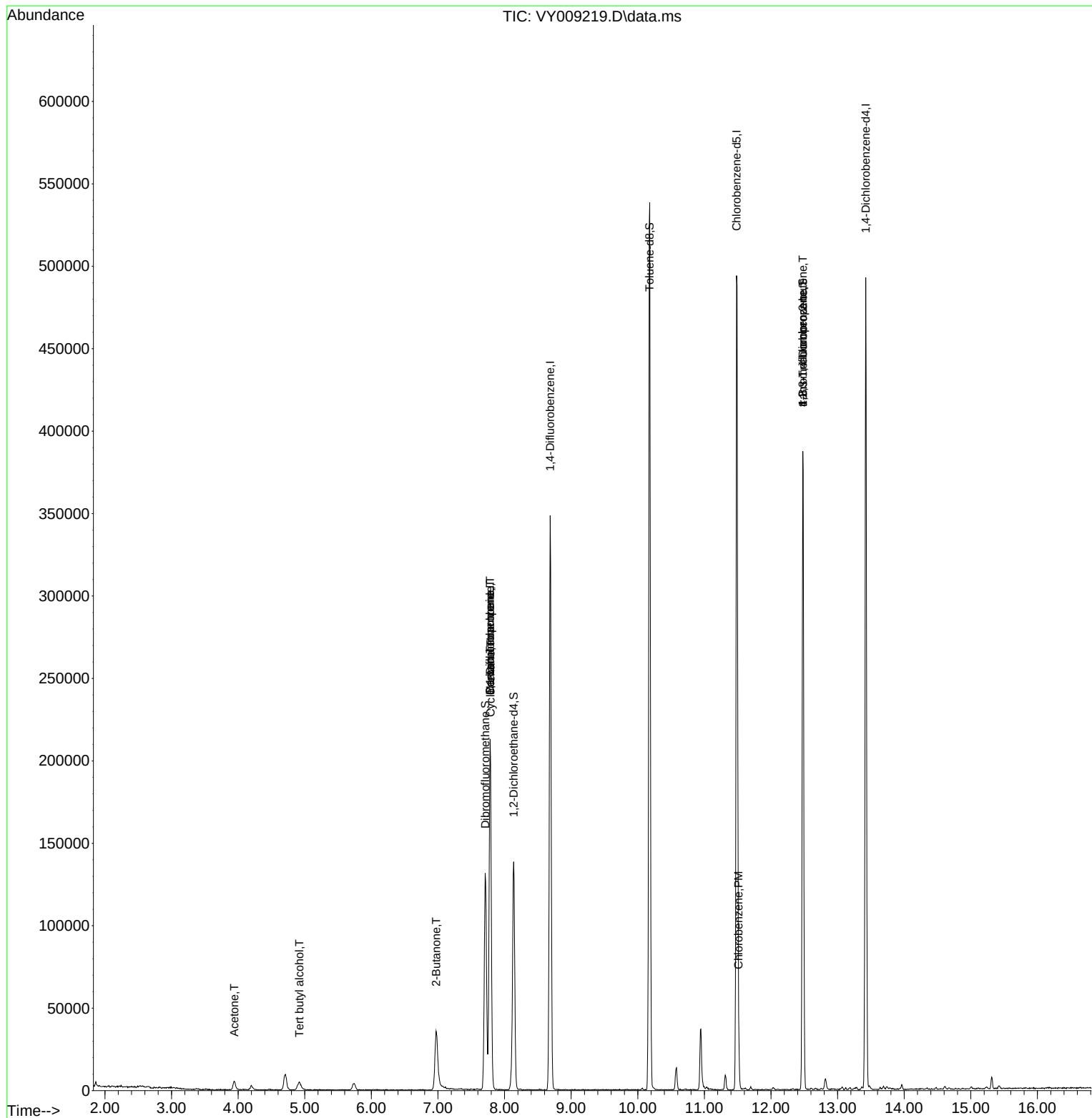
Internal Standards						
1) Pentafluorobenzene	7.783	168	169943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	273803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	101678	57.276	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 114.560%		
35) Dibromofluoromethane	7.710	113	93100	50.622	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.240%		
50) Toluene-d8	10.179	98	350271	50.033	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.060%		
62) 4-Bromofluorobenzene	12.477	95	115580	46.459	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 92.920%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	5302	18.826	ug/l #	79
13) Acrolein	3.711	56	29	Below Cal	#	14
16) Acetone	3.942	43	9059	20.258	ug/l	100
18) Methyl Acetate	4.454	43	45	Below Cal	#	56
25) 2-Butanone	6.972	43	2120	2.996	ug/l #	54
31) Cyclohexane	7.789	56	3514	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12733	4.501	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15726	5.376	ug/l #	17
65) Chlorobenzene	11.514	112	12399	2.090	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	59105	43.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59105	86.155	ug/l #	7

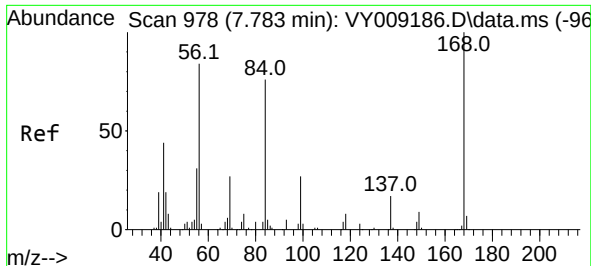
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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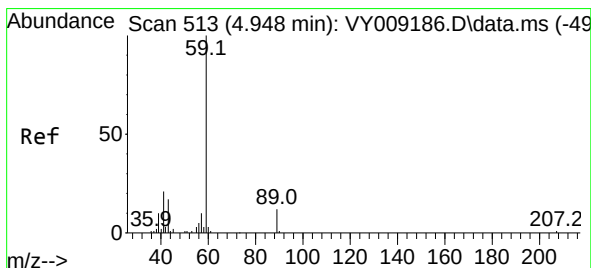
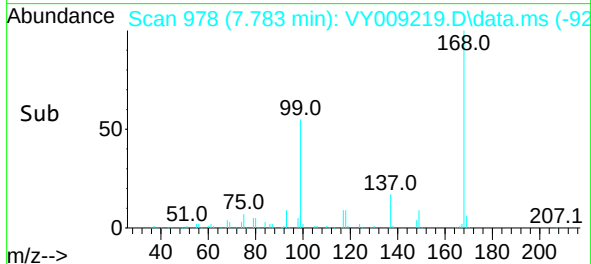
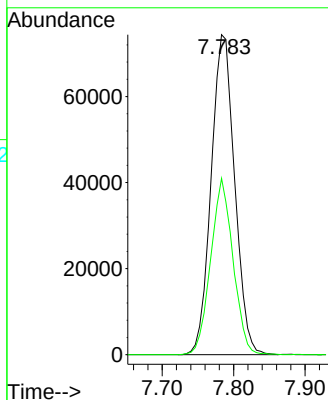
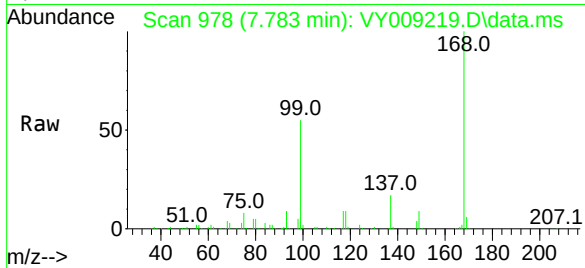




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

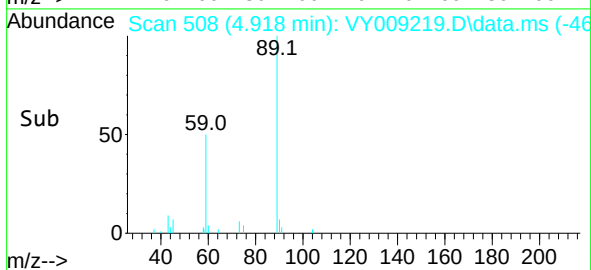
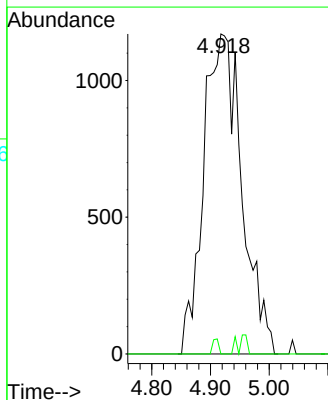
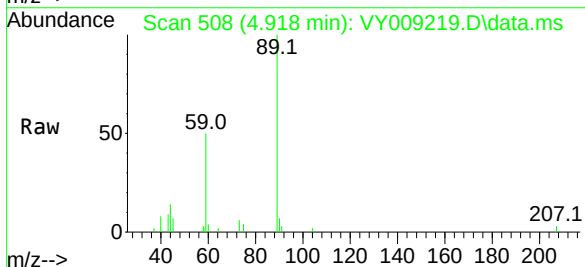
Instrument :
MSVOA_Y
ClientSampleId :

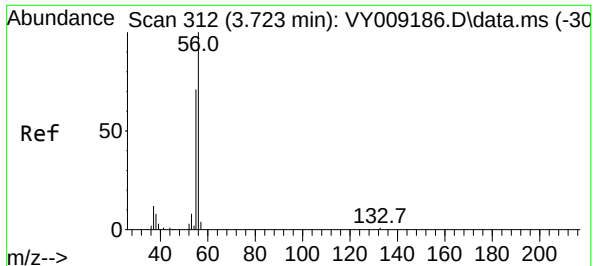
Tgt Ion:168 Resp: 169943
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 18.826 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

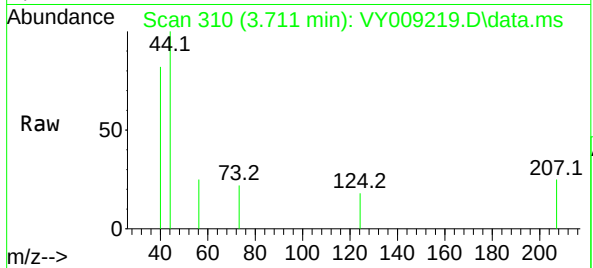
Tgt Ion: 59 Resp: 5302
Ion Ratio Lower Upper
59 100
57 0.7 6.4 9.6#



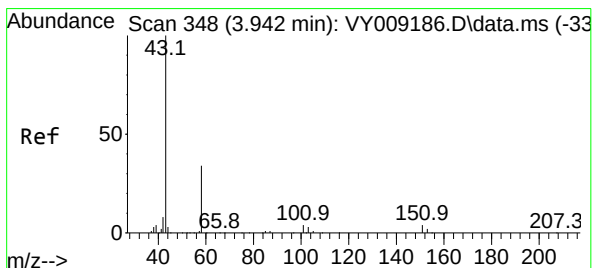
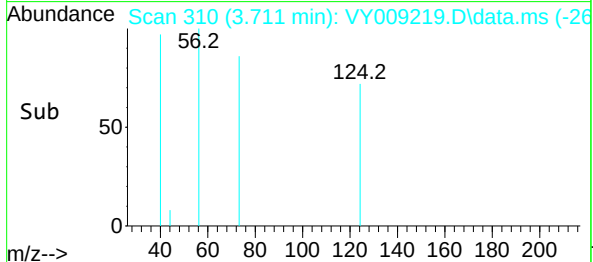
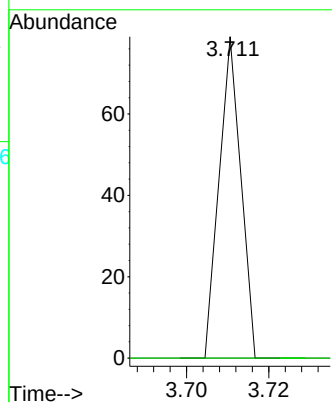


#13
Acrolein
Concen: Below Cal
RT: 3.711 min Scan# 312
Delta R.T. -0.012 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :

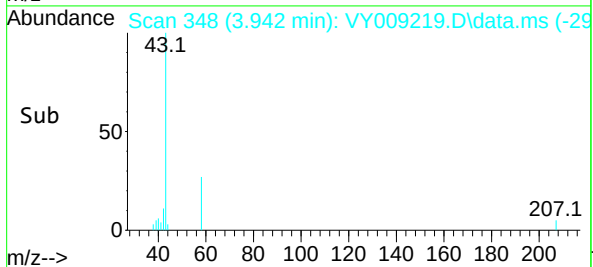
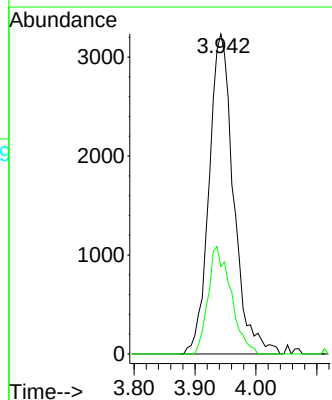
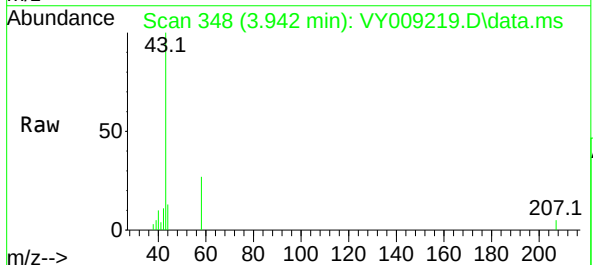


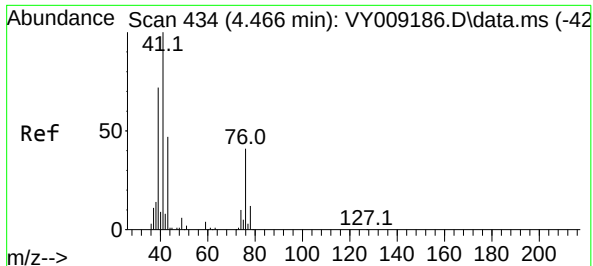
Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 20.258 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

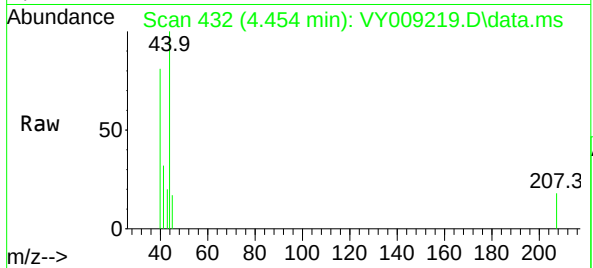
Tgt Ion: 43 Resp: 9059
Ion Ratio Lower Upper
43 100
58 27.4 22.0 33.0



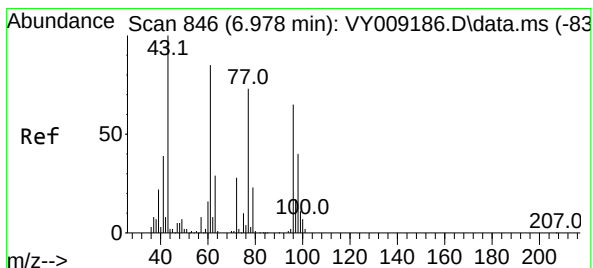
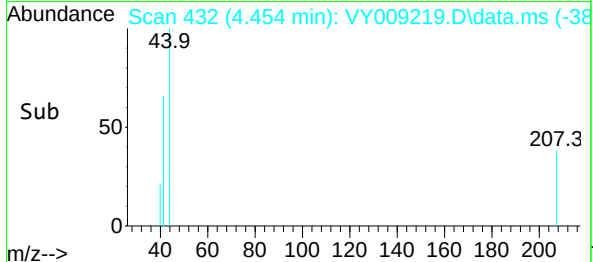
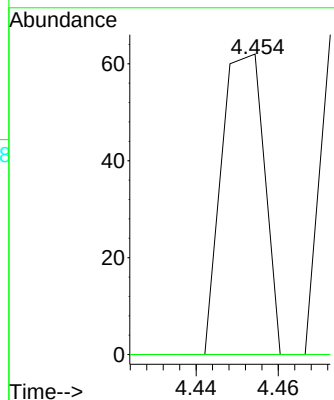


#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :

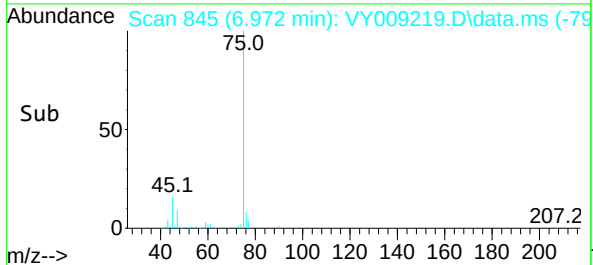
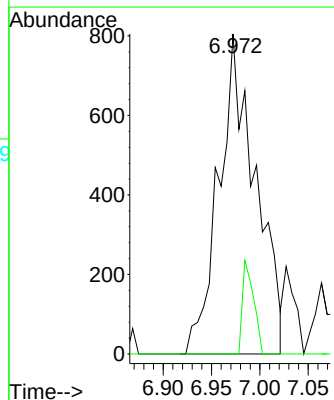
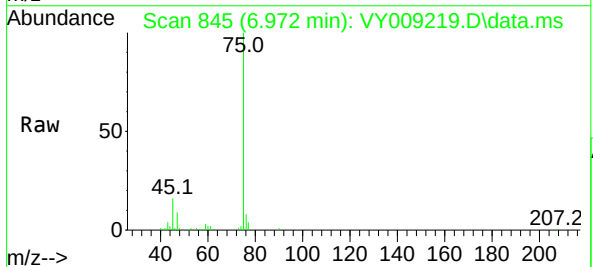


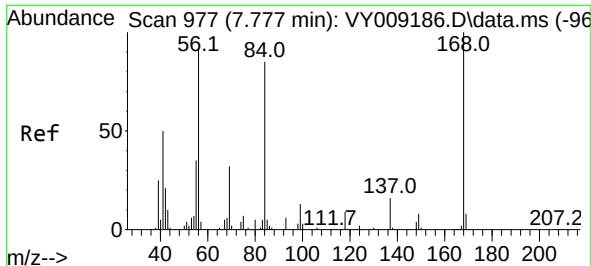
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.996 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

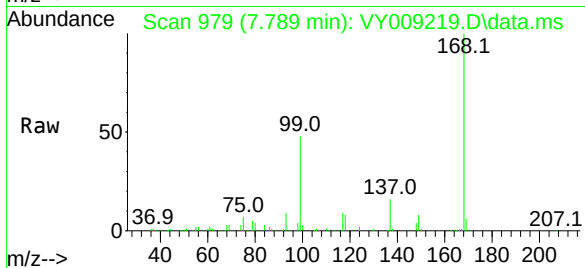
Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



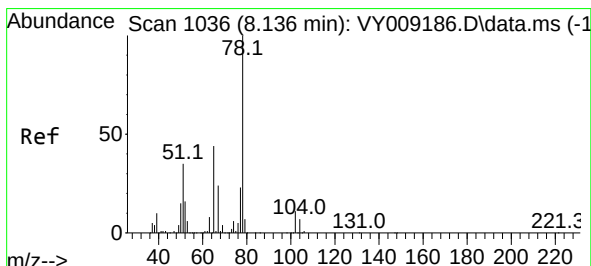
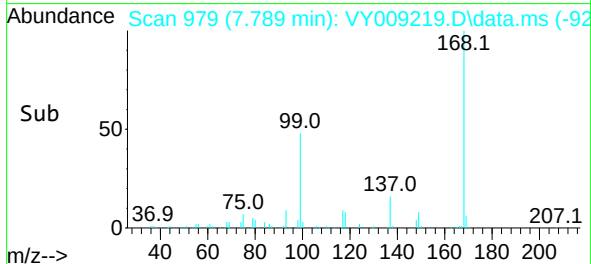
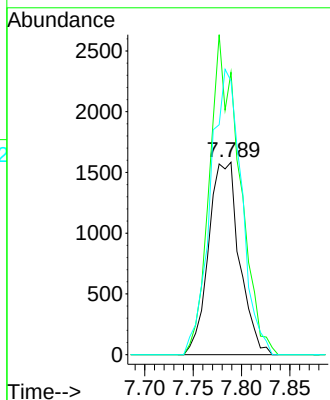


#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :

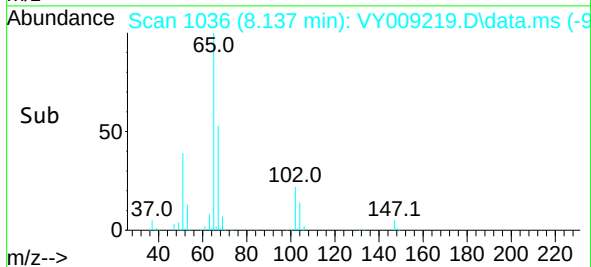
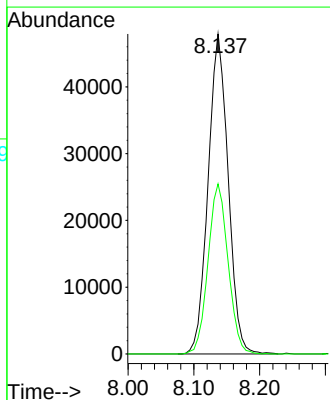
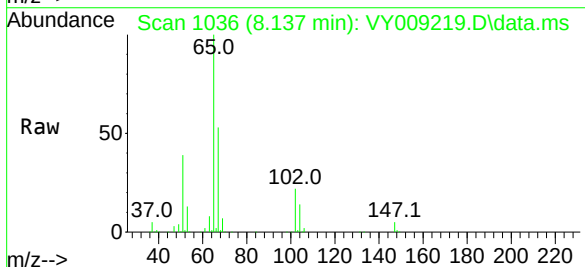


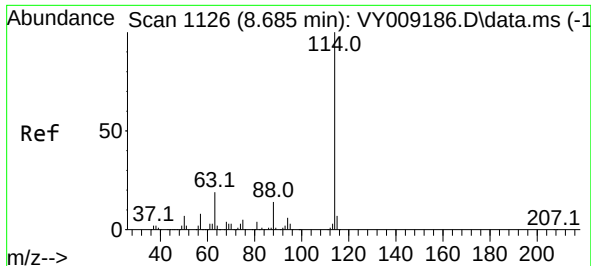
Tgt Ion: 56 Resp: 3514
Ion Ratio Lower Upper
56 100
69 146.8 26.7 40.1#
84 142.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.276 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

Tgt Ion: 65 Resp: 101678
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009219.D

Acq: 17 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

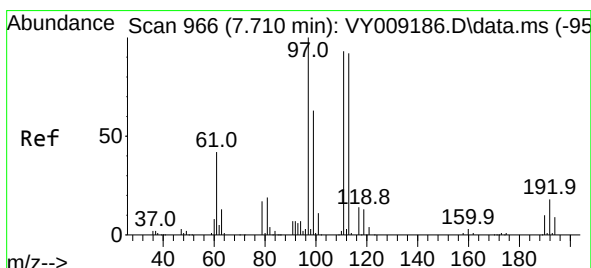
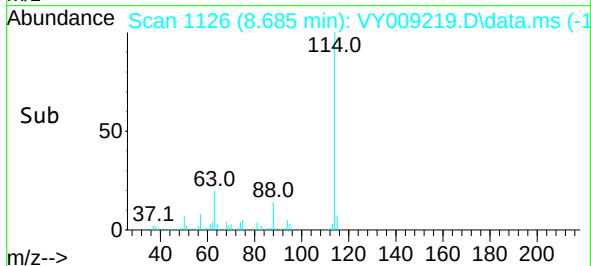
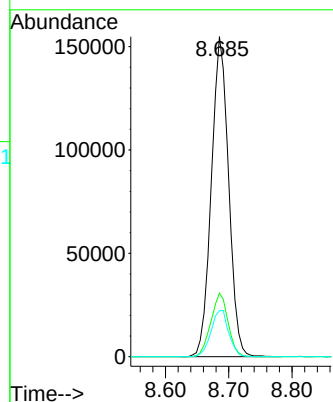
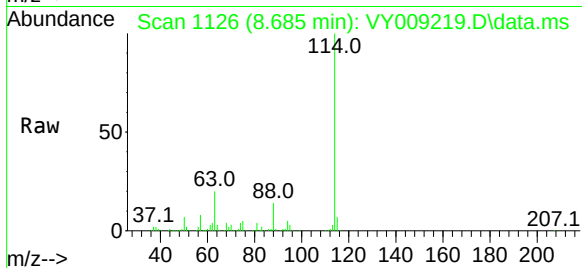
Tgt Ion:114 Resp: 293337

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.622 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009219.D

Acq: 17 Jun 2022 12:10

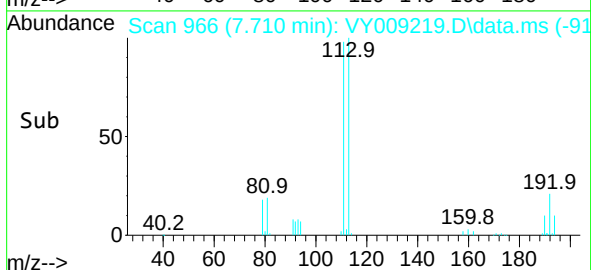
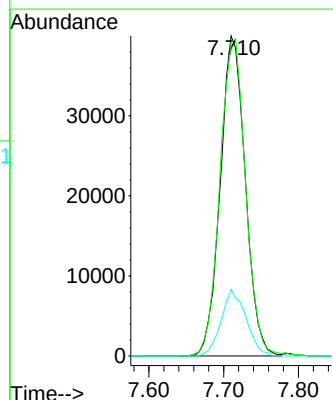
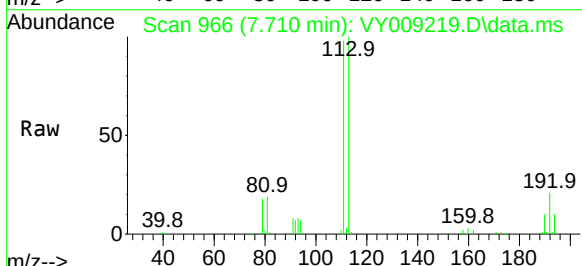
Tgt Ion:113 Resp: 93100

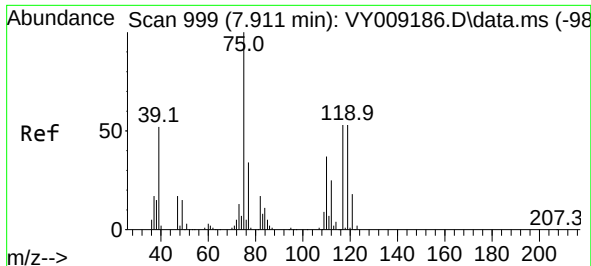
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.6 17.6 26.4

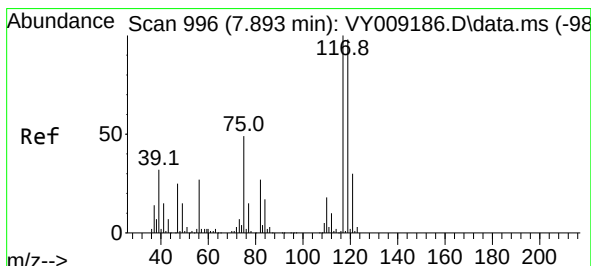
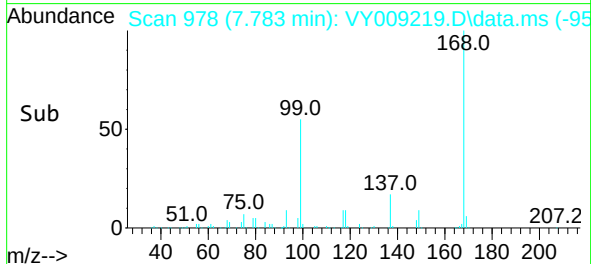
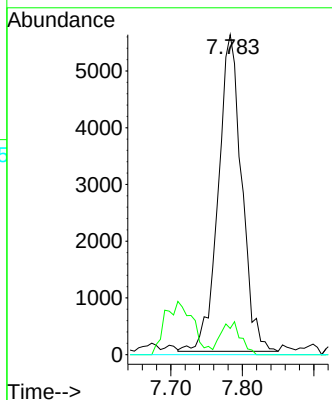
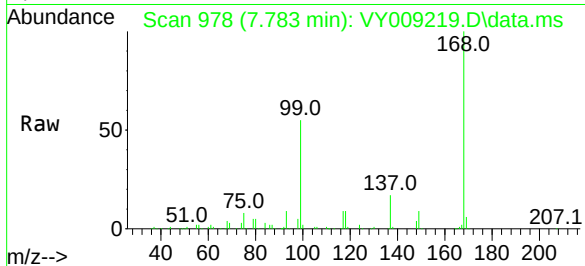




#36
1,1-Dichloropropene
Concen: 4.501 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

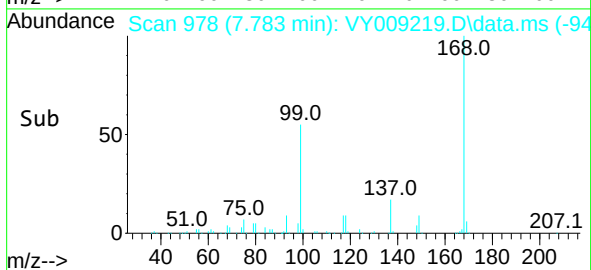
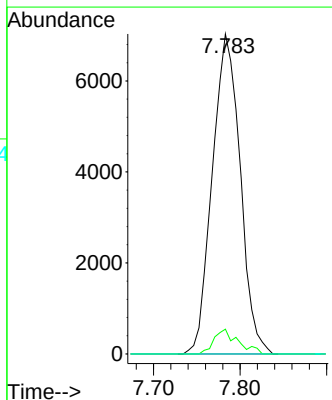
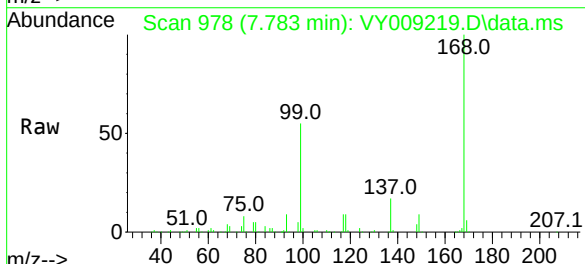
Instrument :
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ClientSampleId :

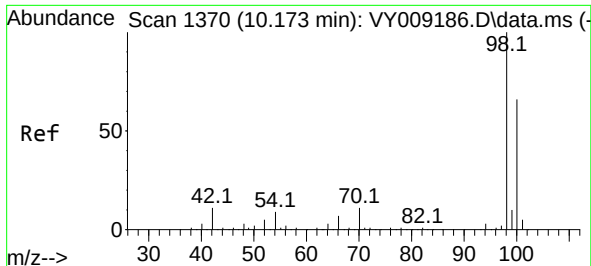
Tgt Ion: 75 Resp: 12733
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.376 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

Tgt Ion: 117 Resp: 15726
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#

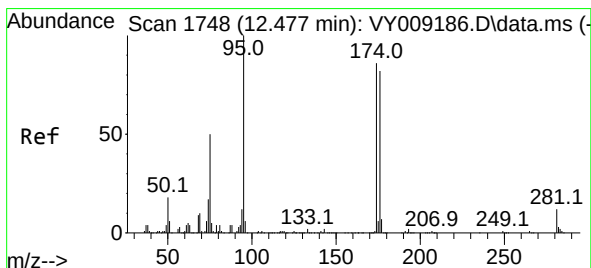
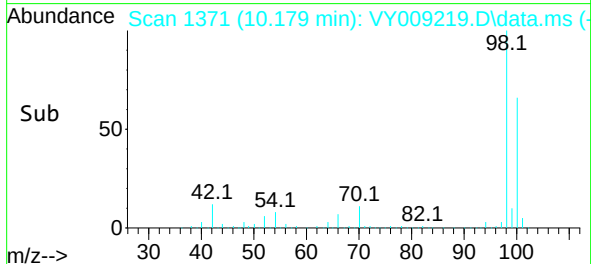
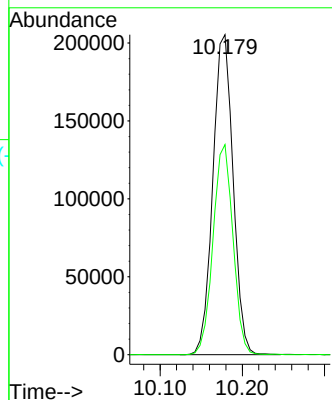
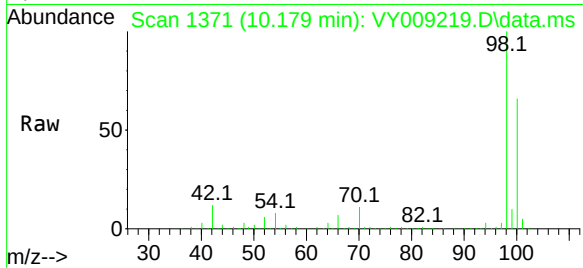




#50
Toluene-d8
Concen: 50.033 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

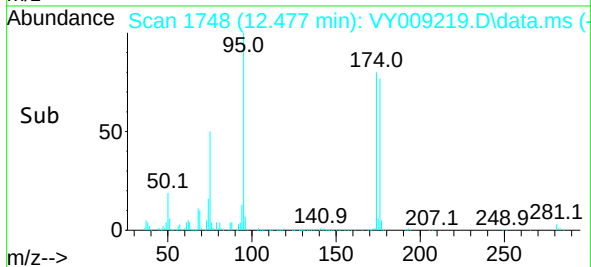
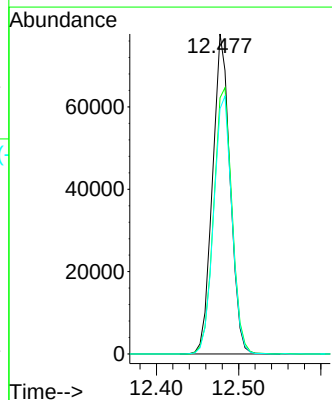
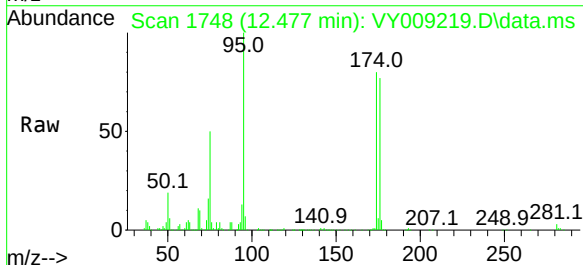
Instrument :
MSVOA_Y
ClientSampleId :

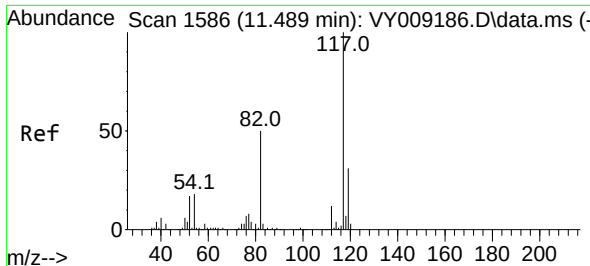
Tgt Ion: 98 Resp: 350271
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.459 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009219.D
Acq: 17 Jun 2022 12:10

Tgt Ion: 95 Resp: 115580
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 83.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

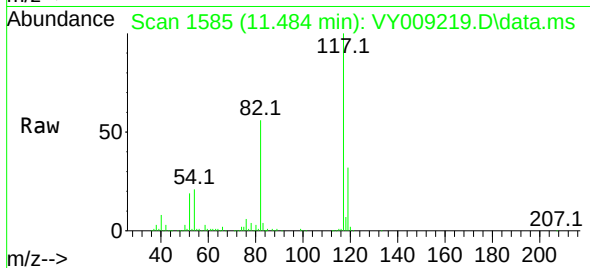
Lab File: VY009219.D

Acq: 17 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :



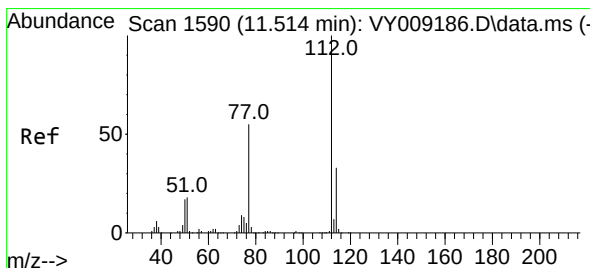
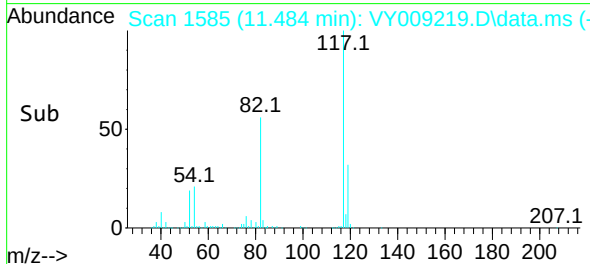
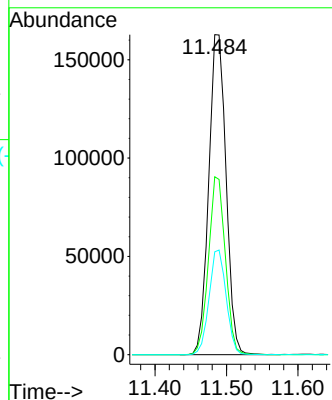
Tgt Ion:117 Resp: 273803

Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.4

119 32.2 25.4 38.0



#65

Chlorobenzene

Concen: 2.090 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009219.D

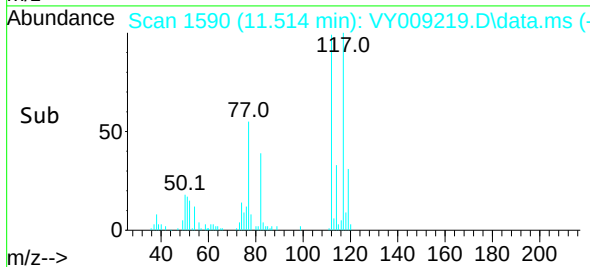
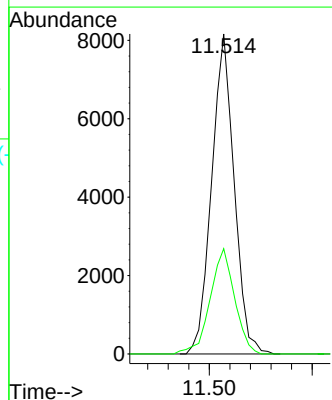
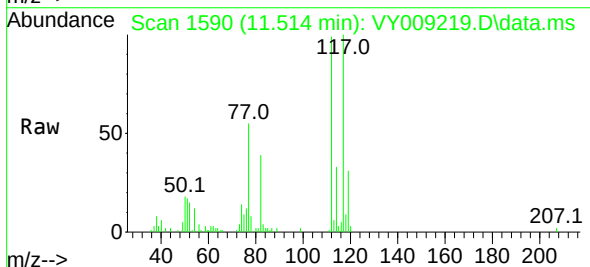
Acq: 17 Jun 2022 12:10

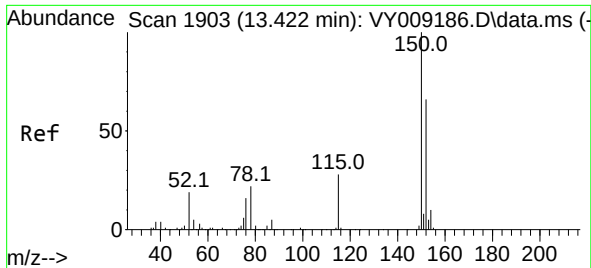
Tgt Ion:112 Resp: 12399

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.6

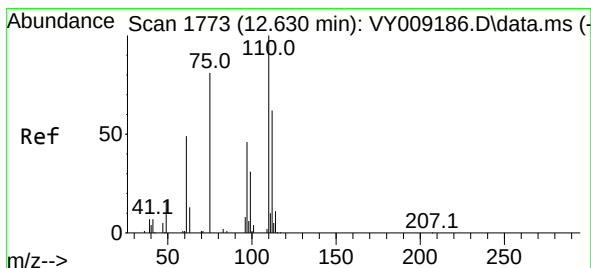
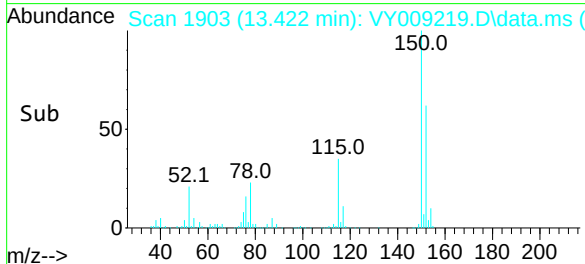
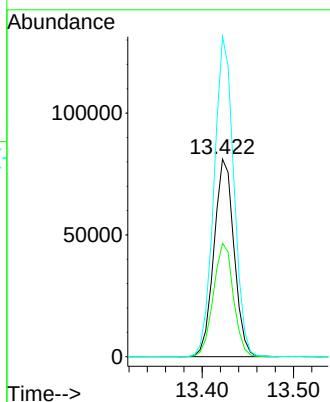
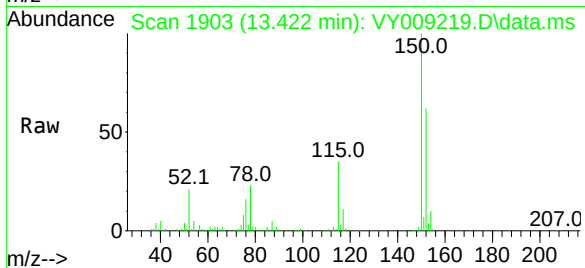




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009219.D
 Acq: 17 Jun 2022 12:10

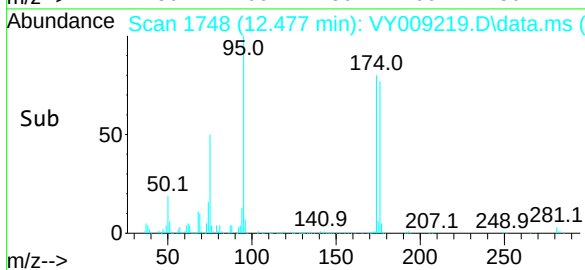
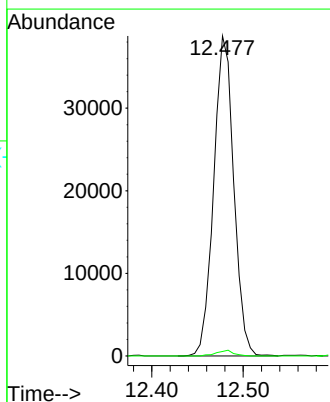
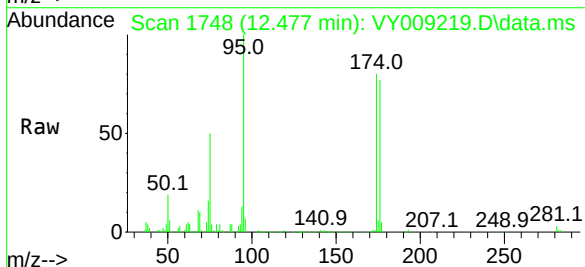
Instrument :
 MSVOA_Y
 ClientSampleId :

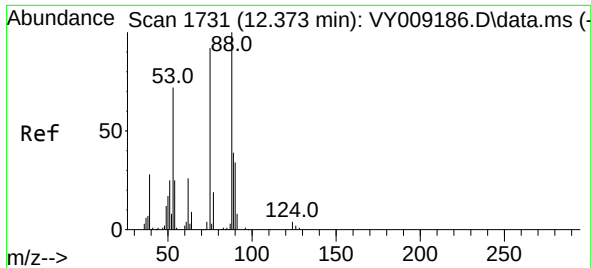
Tgt Ion:152 Resp: 123820
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 159.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.231 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009219.D
 Acq: 17 Jun 2022 12:10

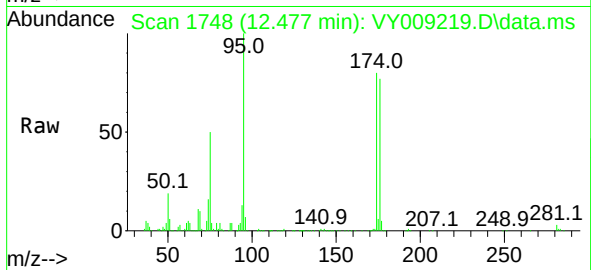
Tgt Ion: 75 Resp: 59105
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.155 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009219.D
 Acq: 17 Jun 2022 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :



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

