

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009222.D
 Acq On : 17 Jun 2022 13:21
 Operator : KP/MD
 Sample : N3351-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 22:52:18 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)

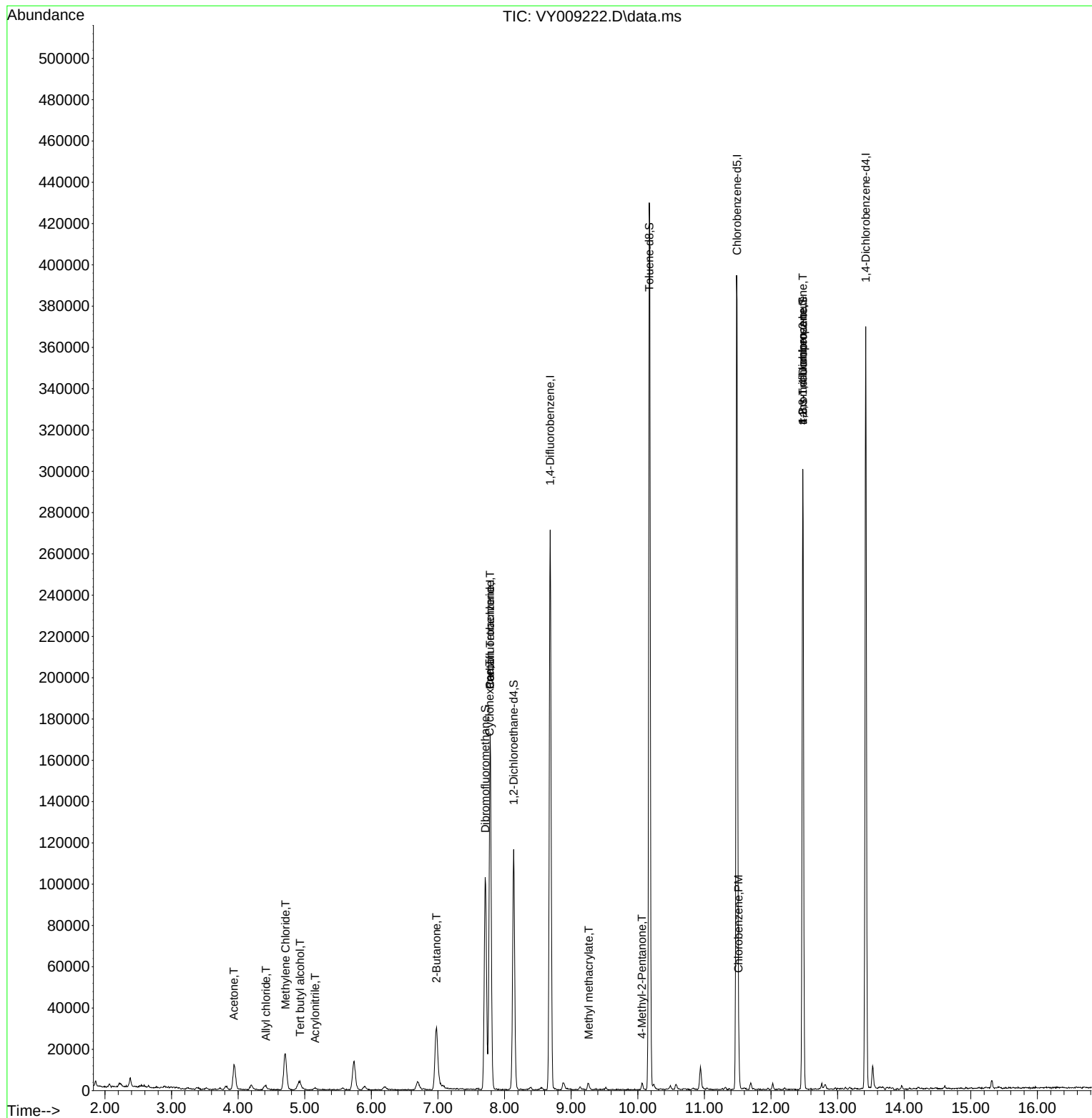
Internal Standards						
1) Pentafluorobenzene	7.783	168	131001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83312	60.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.760%	
35) Dibromofluoromethane	7.710	113	73644	51.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.173	98	278421	51.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.477	95	89380	46.211	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	4507	20.760	ug/l #	77
13) Acrolein	3.723	56	939	Below Cal		93
14) Allyl chloride	4.418	41	3437	1.528	ug/l #	37
15) Acrylonitrile	5.155	53	1124	2.689	ug/l #	50
16) Acetone	3.936	43	21595	62.648	ug/l	98
18) Methyl Acetate	4.460	43	219	Below Cal	#	56
20) Methylene Chloride	4.710	84	12455	5.464	ug/l	92
25) 2-Butanone	6.978	43	5227	9.583	ug/l	96
31) Cyclohexane	7.777	56	2813	1.148	ug/l #	1
38) Carbon Tetrachloride	7.783	117	12391	5.448	ug/l #	15
48) Methyl methacrylate	9.264	41	1115	1.032	ug/l #	40
51) 4-Methyl-2-Pentanone	10.063	43	2148	1.687	ug/l	98
65) Chlorobenzene	11.514	112	9358	2.013	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	47014	46.542	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47014	92.752	ug/l #	7

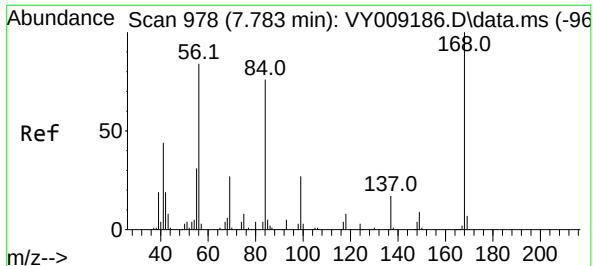
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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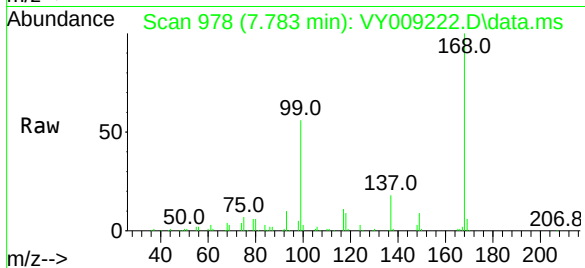
Quant Time: Jun 17 22:52:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
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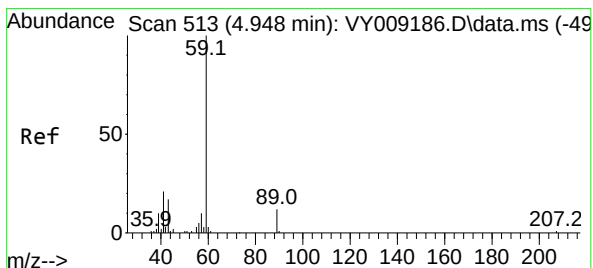
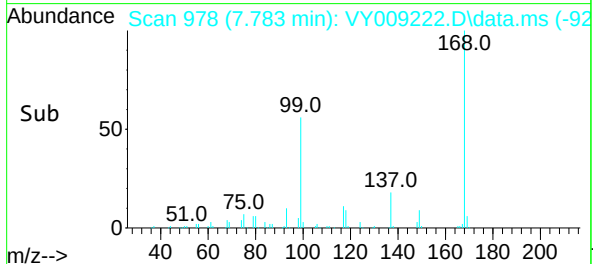
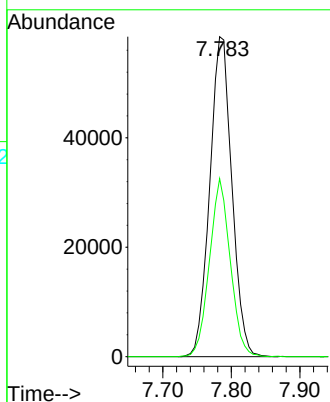


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :

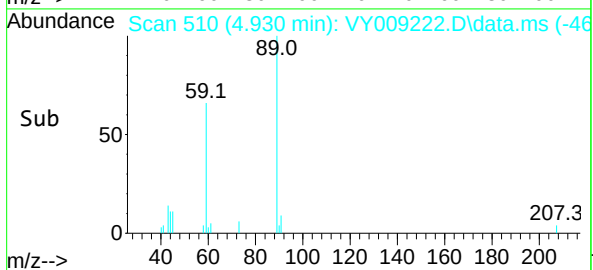
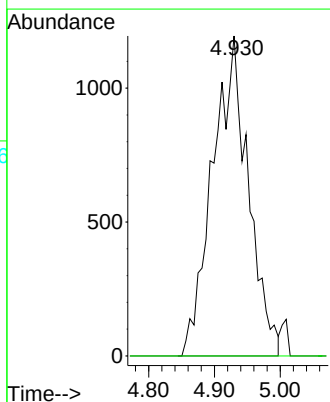
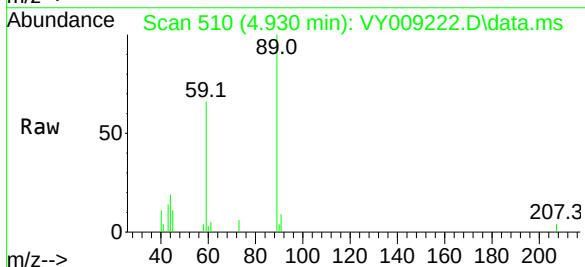


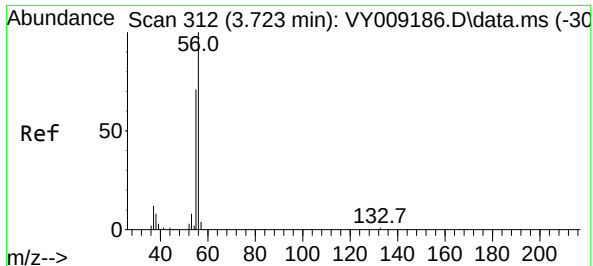
Tgt Ion:168 Resp: 131001
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 20.760 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

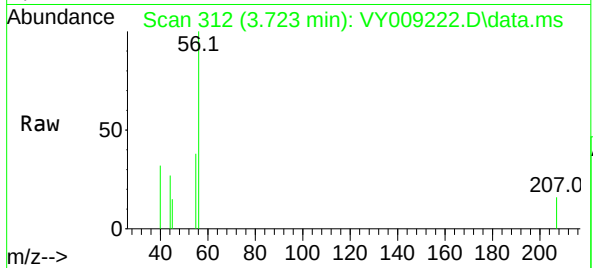
Tgt Ion: 59 Resp: 4507
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



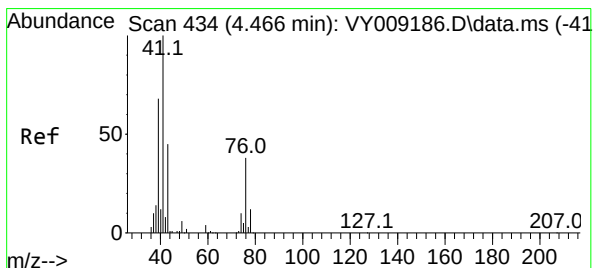
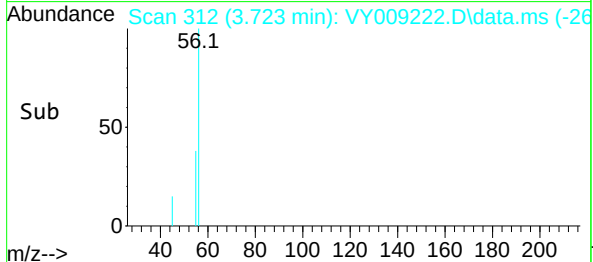
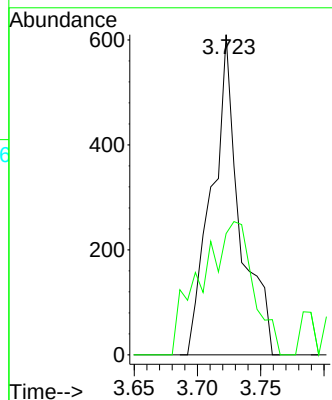


#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :

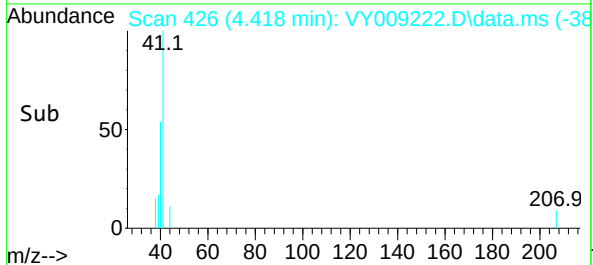
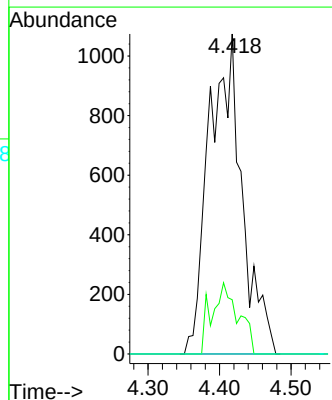
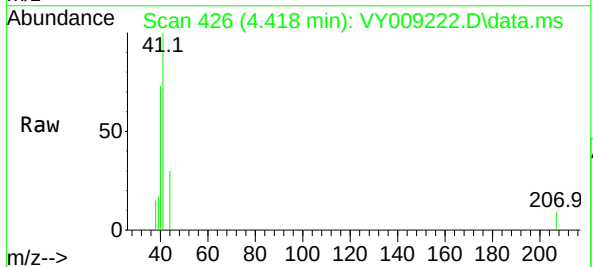


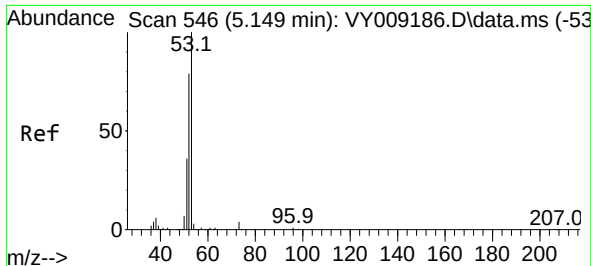
Tgt Ion: 56 Resp: 939
Ion Ratio Lower Upper
56 100
55 77.8 57.6 86.4



#14
Allyl chloride
Concen: 1.528 ug/l
RT: 4.418 min Scan# 426
Delta R.T. -0.049 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

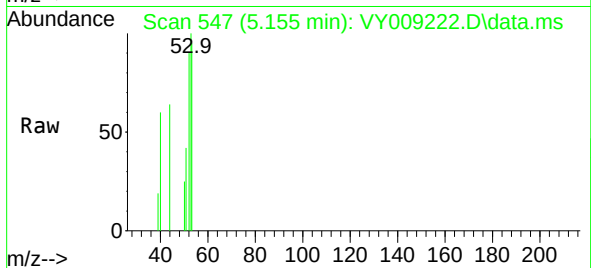
Tgt Ion: 41 Resp: 3437
Ion Ratio Lower Upper
41 100
39 17.9 58.8 88.2#
76 0.0 25.1 37.7#



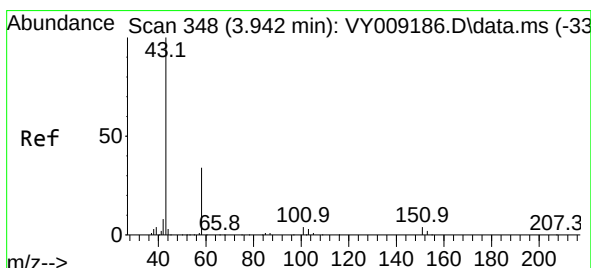
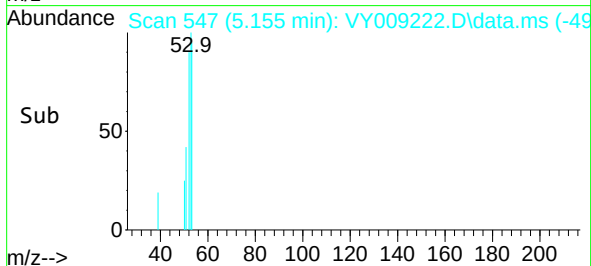
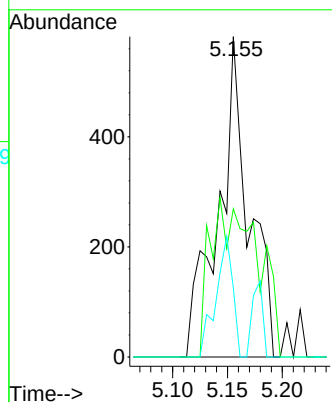


#15
Acrylonitrile
Concen: 2.689 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :

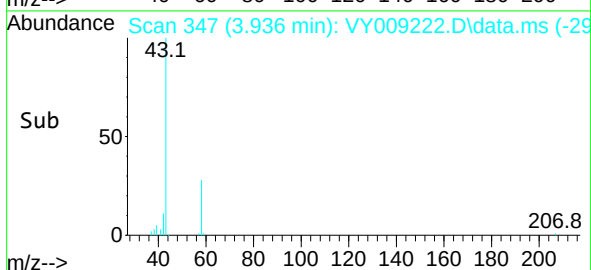
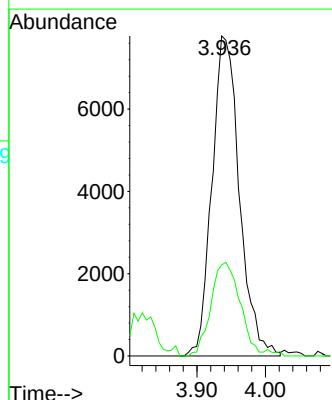
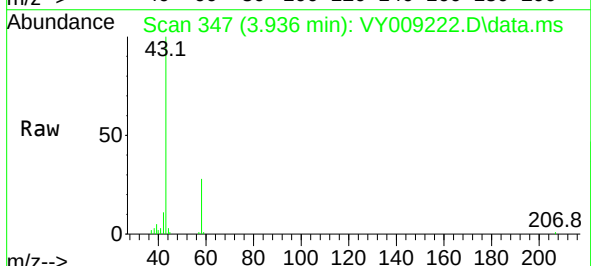


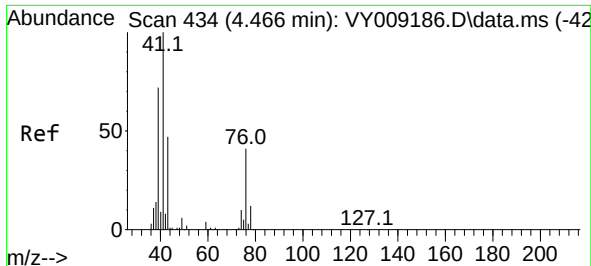
Tgt Ion: 53 Resp: 1124
Ion Ratio Lower Upper
53 100
52 29.4 67.0 100.4#
51 20.9 29.8 44.6#



#16
Acetone
Concen: 62.648 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Tgt Ion: 43 Resp: 21595
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0

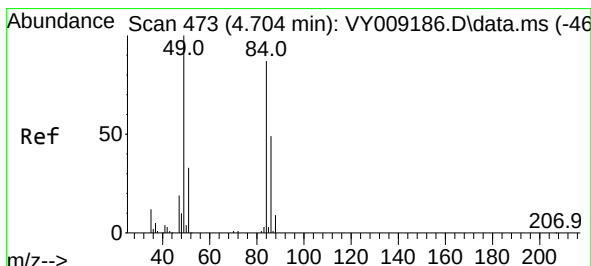
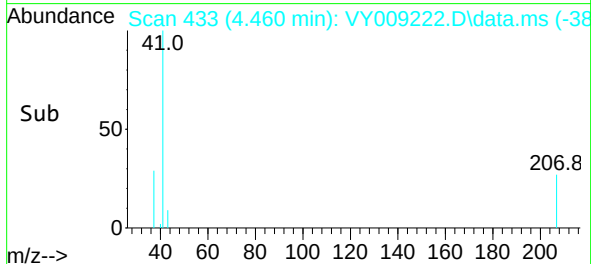
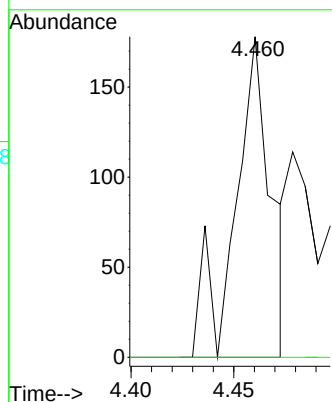
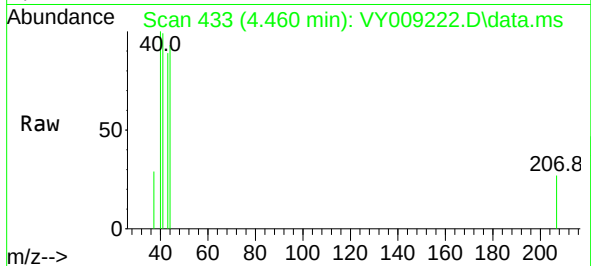




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

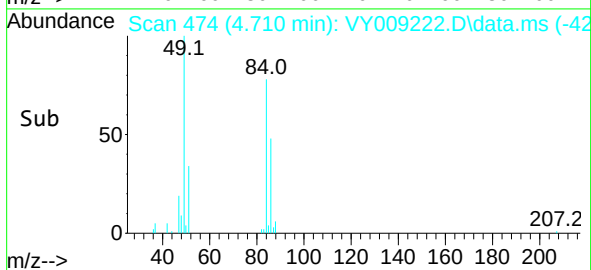
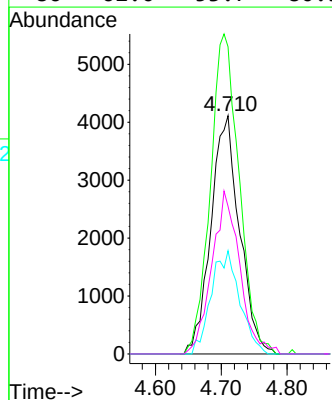
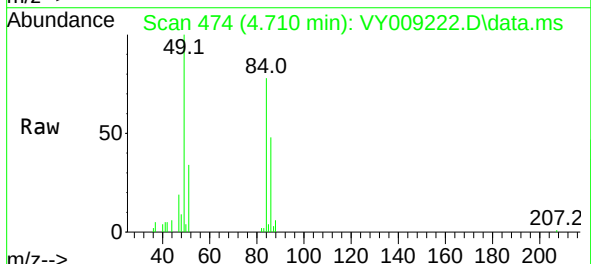
Instrument :
MSVOA_Y
ClientSampleId :

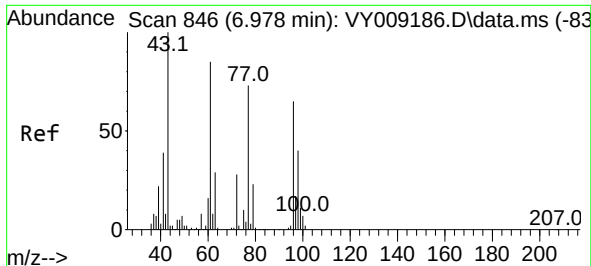
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 5.464 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

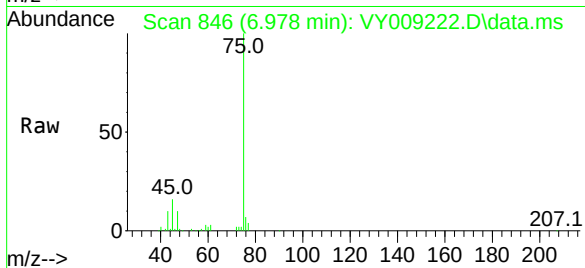
Tgt Ion: 84 Resp: 12455
Ion Ratio Lower Upper
84 100
49 128.9 114.4 171.6
51 43.3 35.3 52.9
86 62.0 53.7 80.5



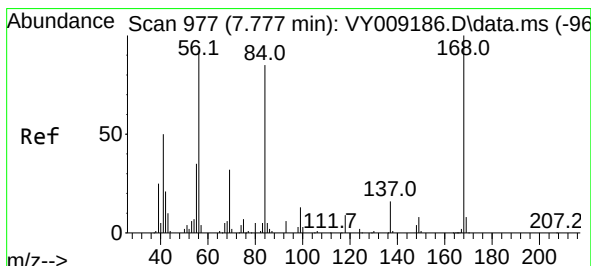
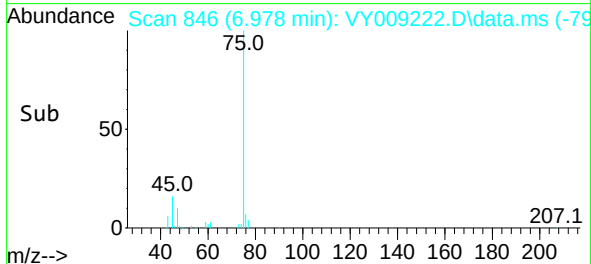
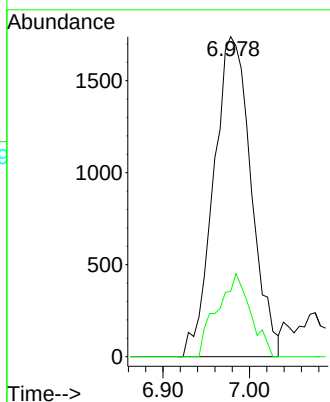


#25
2-Butanone
Concen: 9.583 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :

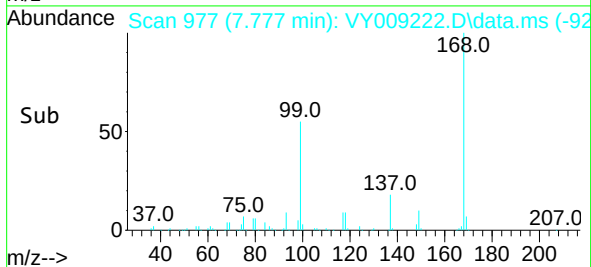
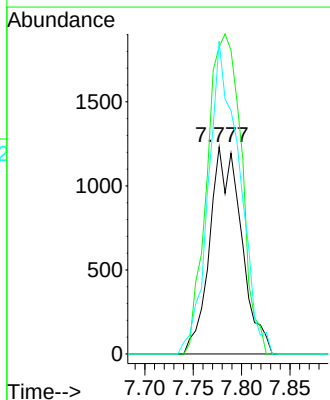
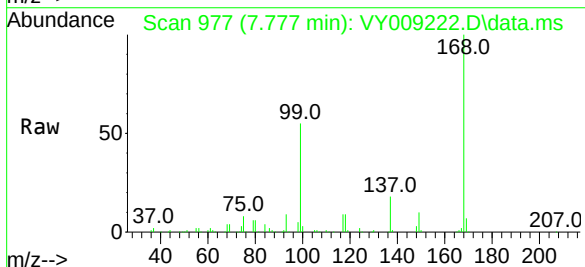


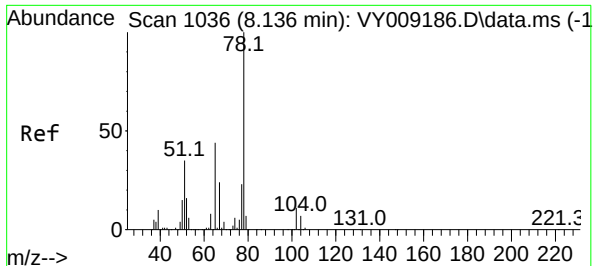
Tgt Ion: 43 Resp: 5227
Ion Ratio Lower Upper
43 100
72 20.4 17.7 26.5



#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Tgt Ion: 56 Resp: 2813
Ion Ratio Lower Upper
56 100
69 148.4 26.7 40.1#
84 151.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.881 ug/l

RT: 8.137 min Scan# 11036

Delta R.T. 0.000 min

Lab File: VY009222.D

Acq: 17 Jun 2022 13:21

Instrument :

MSVOA_Y

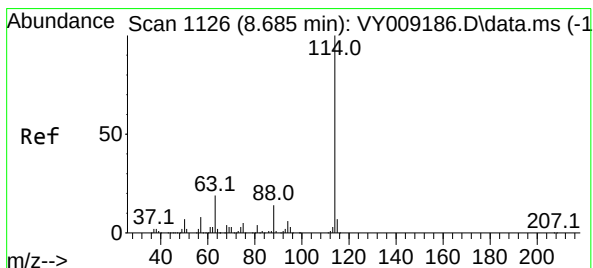
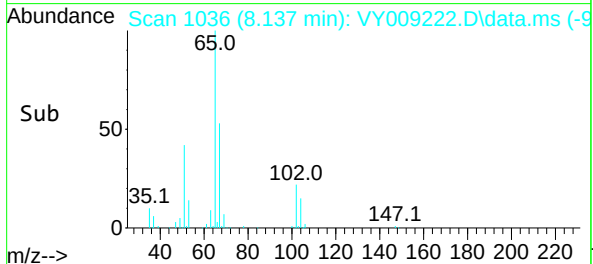
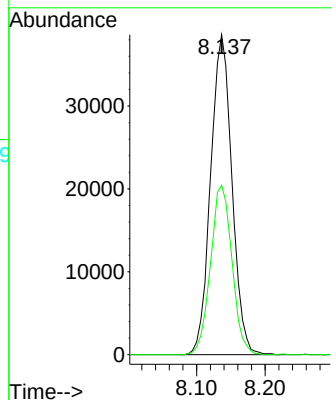
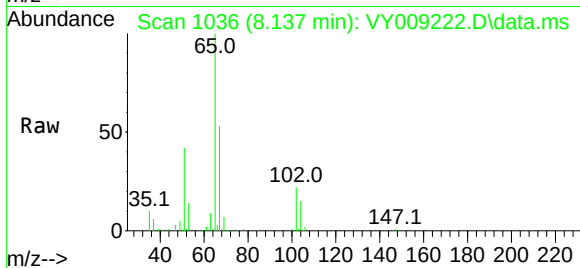
ClientSampleId :

Tgt Ion: 65 Resp: 83312

Ion Ratio Lower Upper

65 100

67 53.2 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: VY009222.D

Acq: 17 Jun 2022 13:21

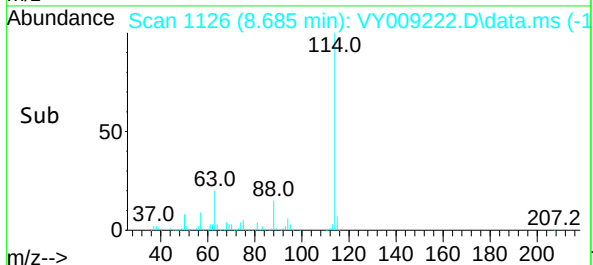
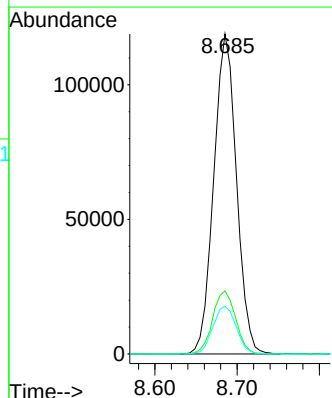
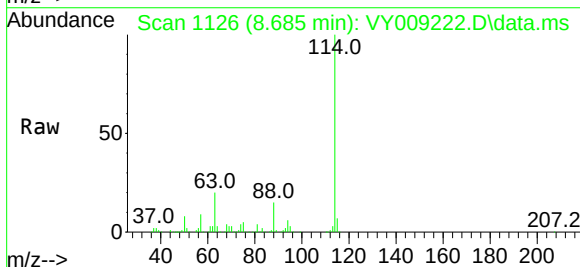
Tgt Ion: 114 Resp: 228059

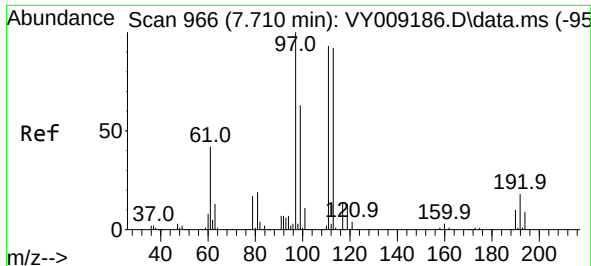
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

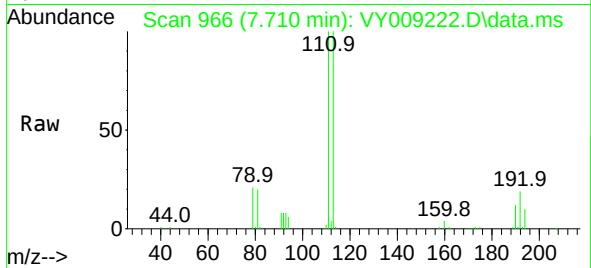
88 14.9 0.0 31.8



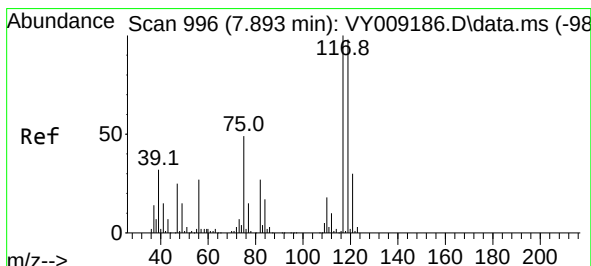
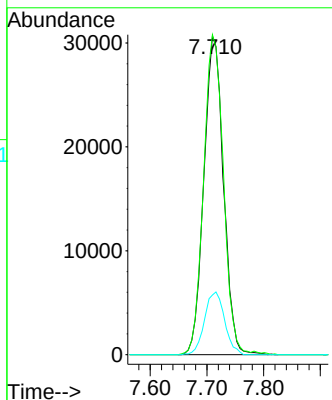
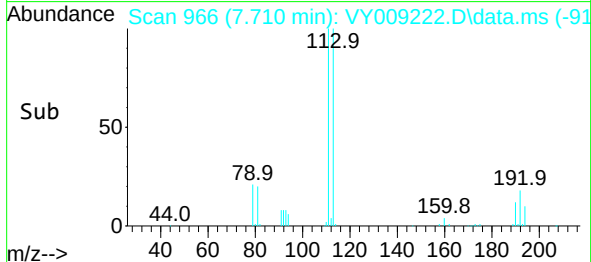


#35
Dibromofluoromethane
Concen: 51.505 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :

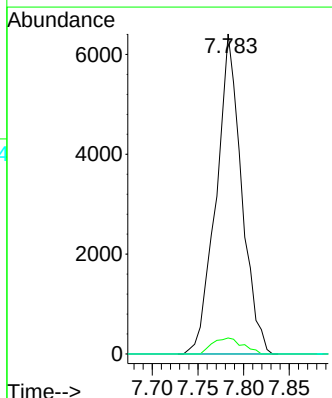
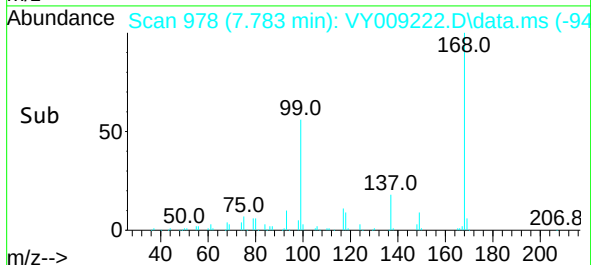
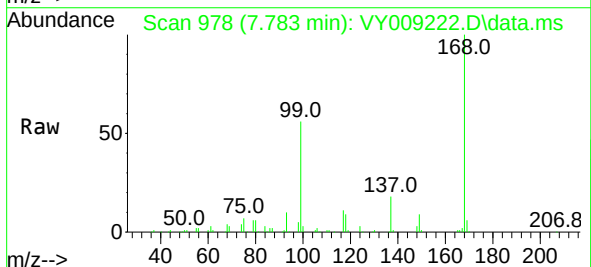


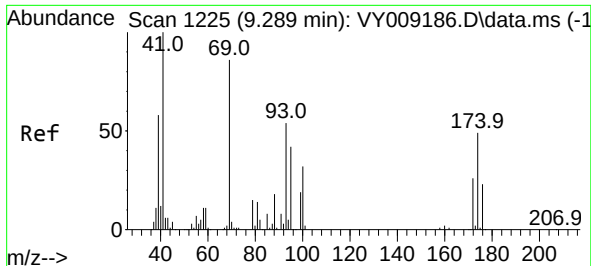
Tgt Ion:113 Resp: 73644
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.2 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

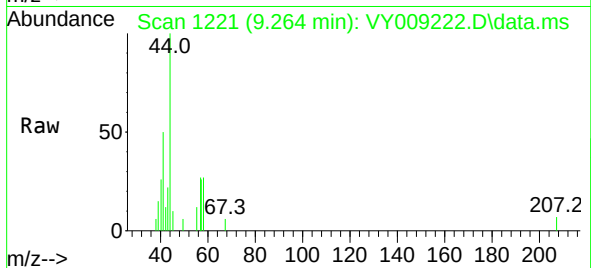
Tgt Ion:117 Resp: 12391
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



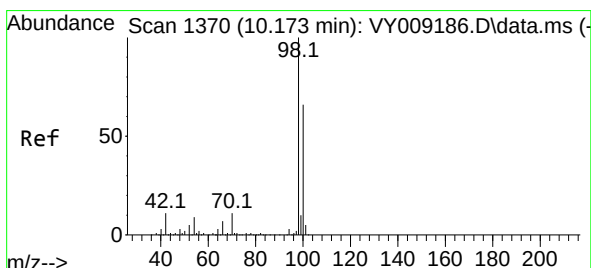
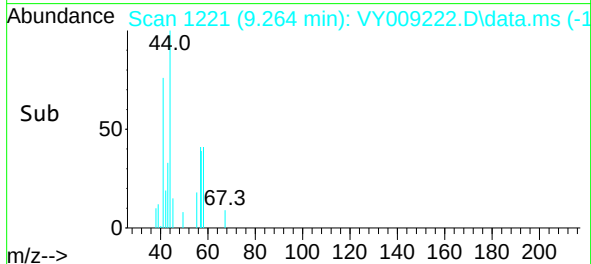
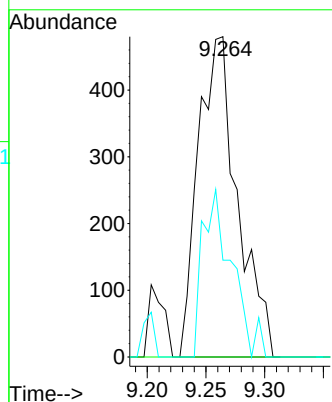


#48
Methyl methacrylate
Concen: 1.032 ug/l
RT: 9.264 min Scan# 1115
Delta R.T. -0.024 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :

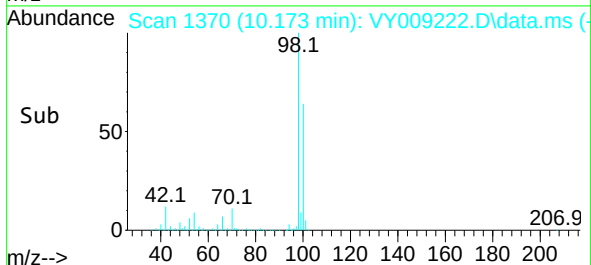
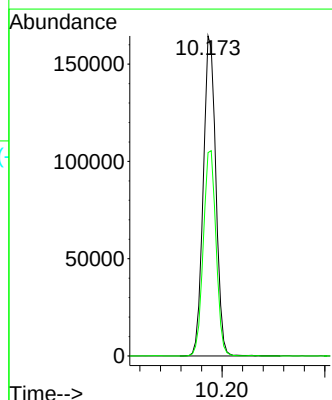
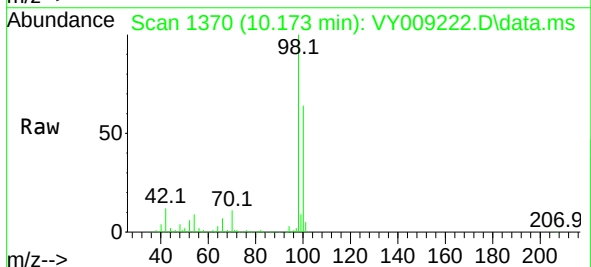


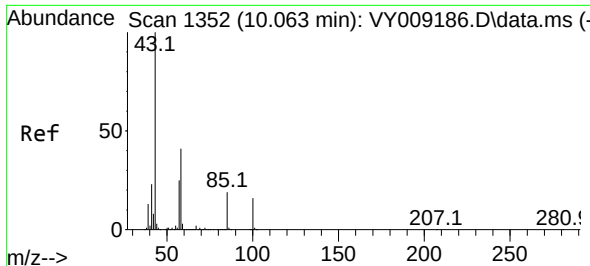
Tgt Ion: 41 Resp: 1115
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 39.0 47.4 71.0#



#50
Toluene-d8
Concen: 51.153 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Tgt Ion: 98 Resp: 278421
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

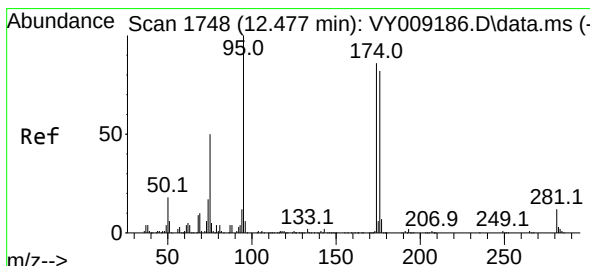
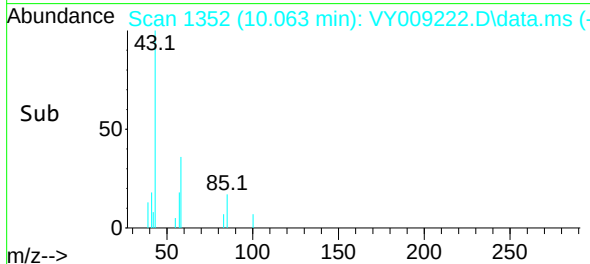
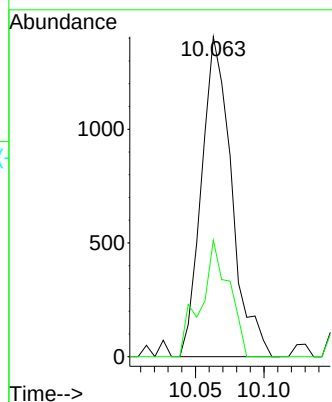
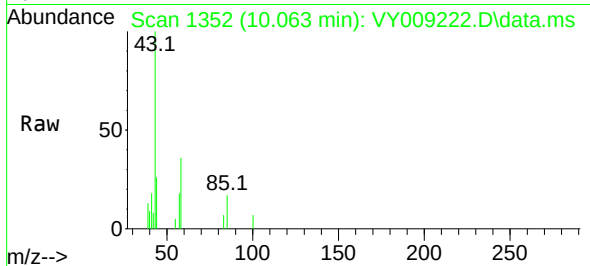




#51
4-Methyl-2-Pentanone
Concen: 1.687 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

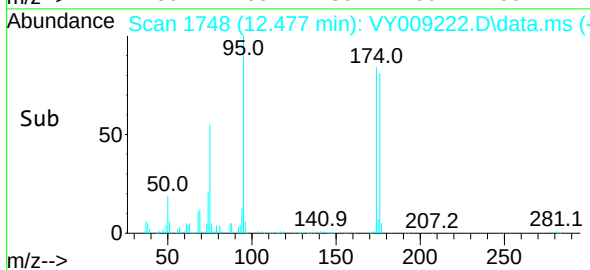
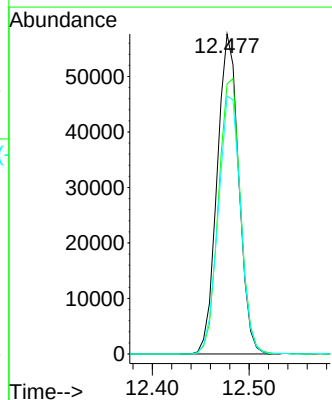
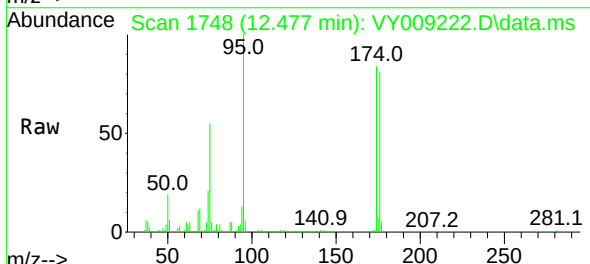
Instrument :
MSVOA_Y
ClientSampleId :

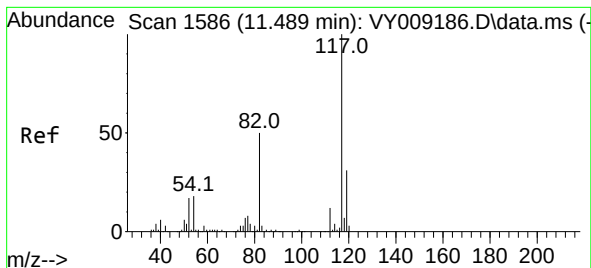
Tgt Ion: 43 Resp: 2148
Ion Ratio Lower Upper
43 100
58 34.2 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 46.211 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Tgt Ion: 95 Resp: 89380
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 83.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY009222.D

Acq: 17 Jun 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

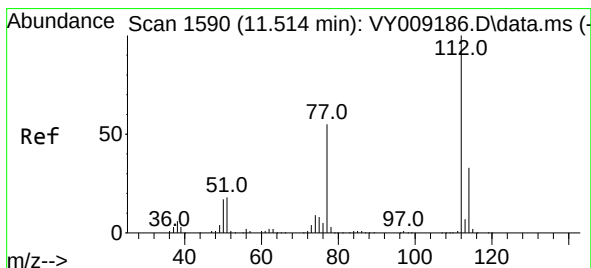
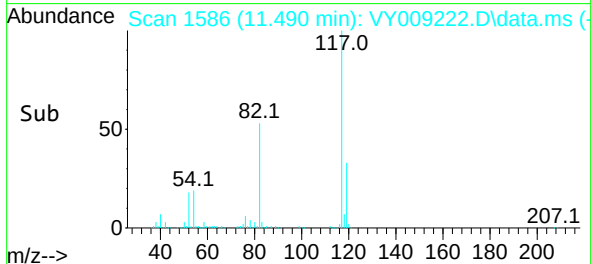
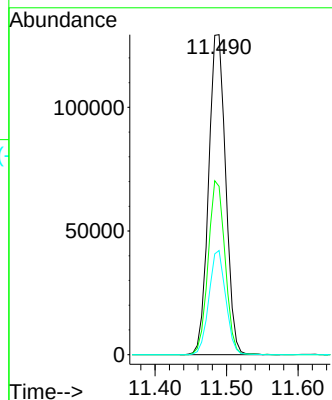
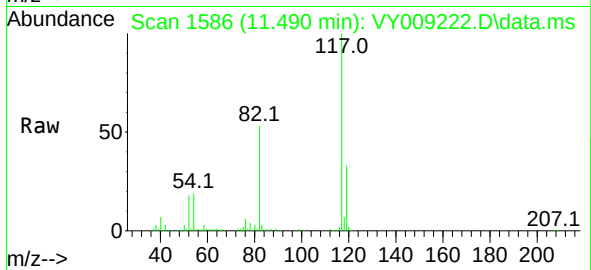
Tgt Ion:117 Resp: 214612

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 32.5 25.4 38.0



#65

Chlorobenzene

Concen: 2.013 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009222.D

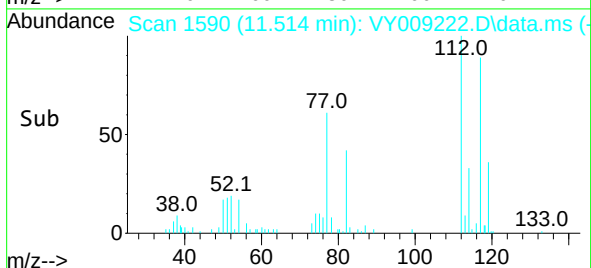
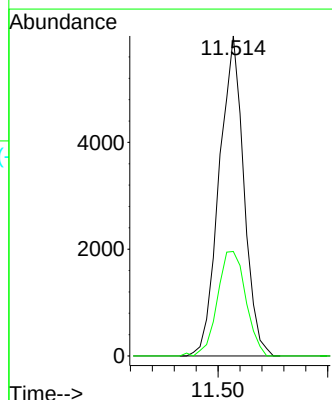
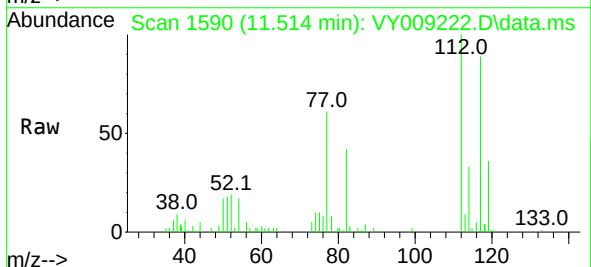
Acq: 17 Jun 2022 13:21

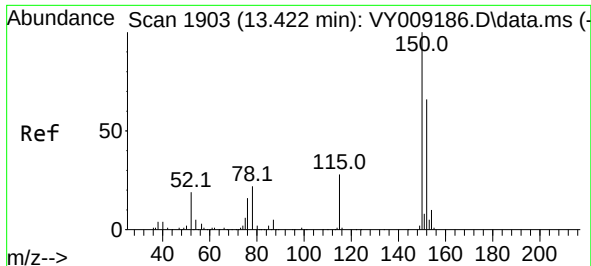
Tgt Ion:112 Resp: 9358

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6

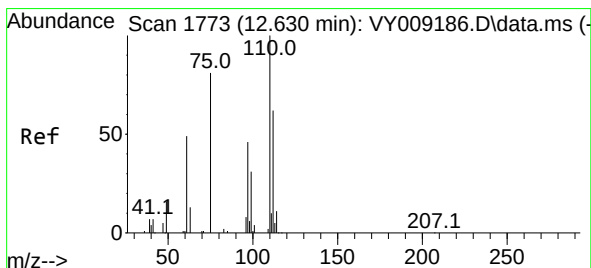
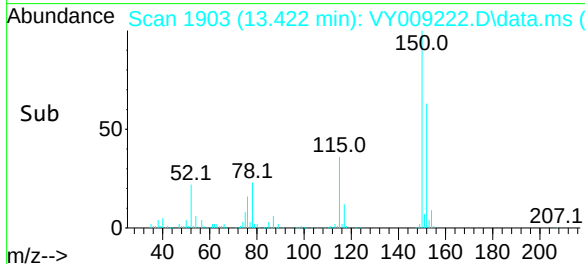
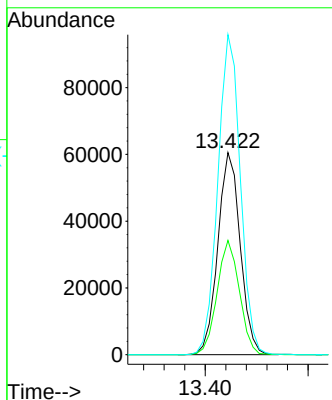
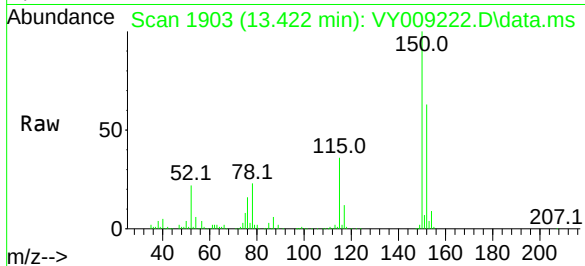




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009222.D
 Acq: 17 Jun 2022 13:21

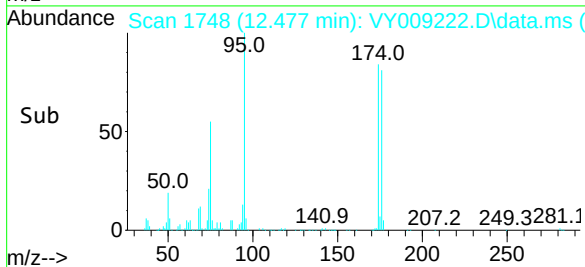
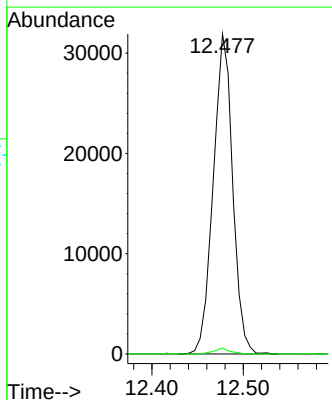
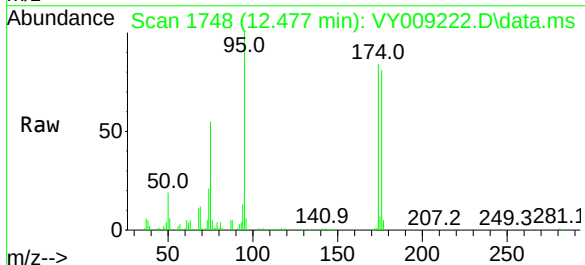
Instrument :
 MSVOA_Y
 ClientSampleId :

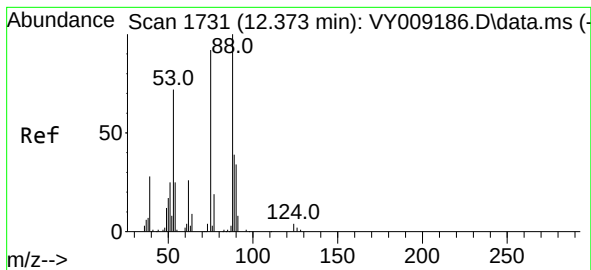
Tgt Ion:152 Resp: 91485
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 159.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.542 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009222.D
 Acq: 17 Jun 2022 13:21

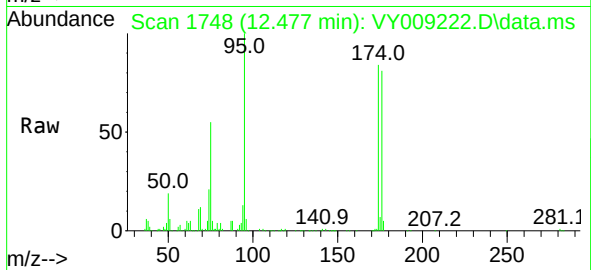
Tgt Ion: 75 Resp: 47014
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.752 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009222.D
 Acq: 17 Jun 2022 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47014
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

