

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009208.D
 Acq On : 16 Jun 2022 17:39
 Operator : KP/MD
 Sample : N3340-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 02:27:36 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)

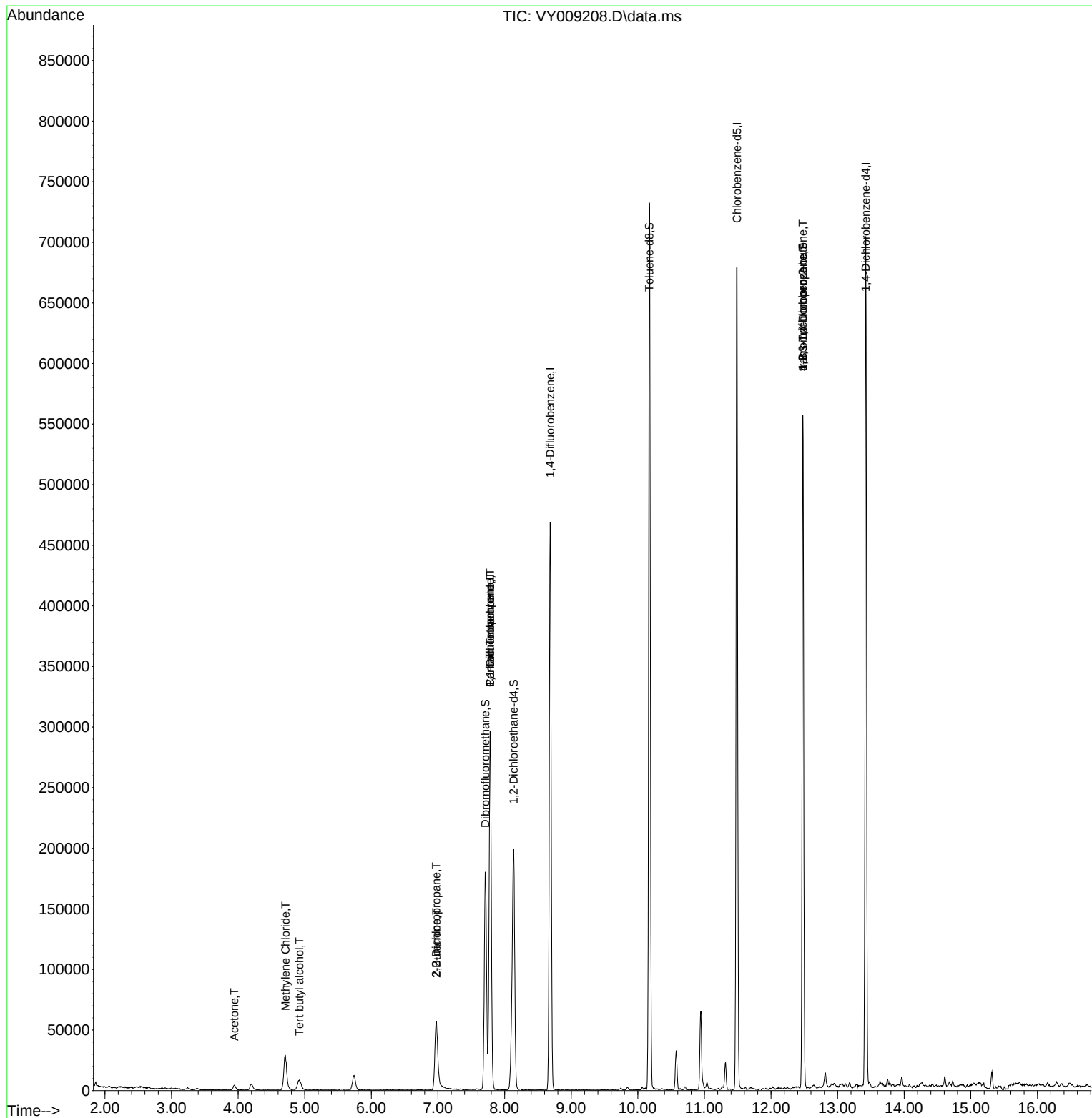
Internal Standards						
1) Pentafluorobenzene	7.783	168	236467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137605	55.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.420%	
35) Dibromofluoromethane	7.710	113	128927	49.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.173	98	485231	49.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.477	95	175092	50.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	9156	23.364	ug/l #	79
13) Acrolein	3.979	56	24	Below Cal		86
16) Acetone	3.942	43	6550	10.527	ug/l #	84
18) Methyl Acetate	4.472	43	63	Below Cal	#	56
20) Methylene Chloride	4.710	84	21183	4.972	ug/l	86
25) 2-Butanone	6.978	43	3375	3.428	ug/l	97
26) 2,2-Dichloropropane	6.972	77	5070	1.209	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	17451	4.395	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21703	5.286	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	87561	43.596	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	87561	86.881	ug/l #	7

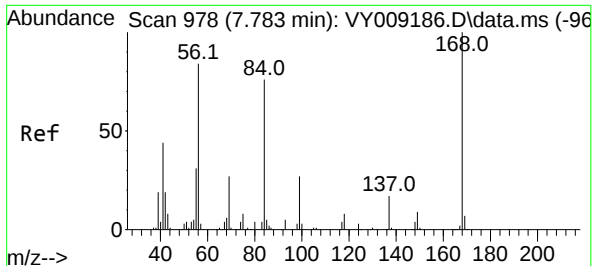
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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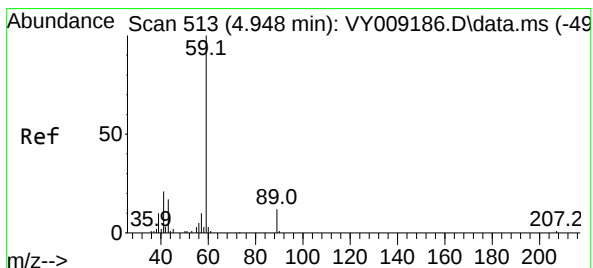
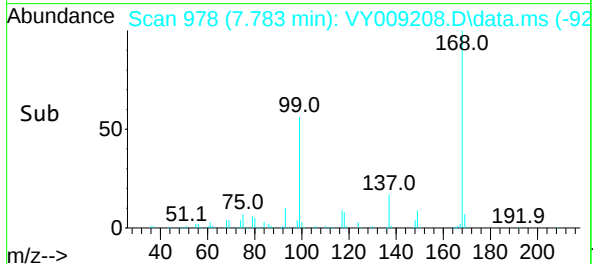
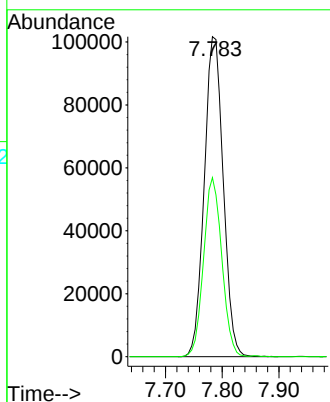
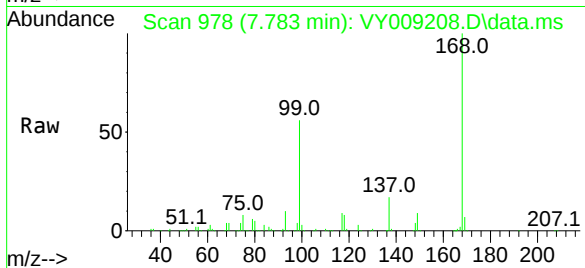




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

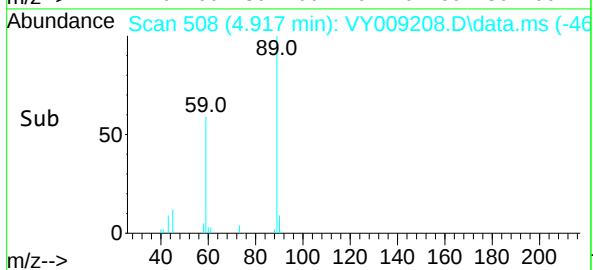
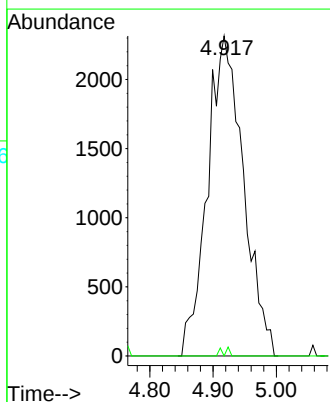
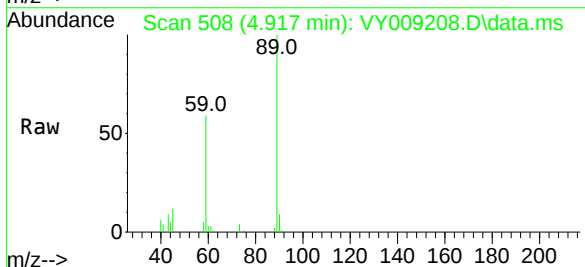
Instrument :
MSVOA_Y
ClientSampleId :

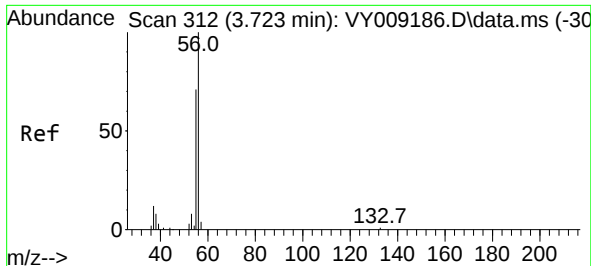
Tgt Ion:168 Resp: 236467
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 23.364 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

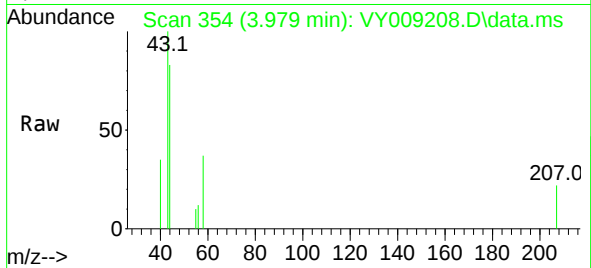
Tgt Ion: 59 Resp: 9156
Ion Ratio Lower Upper
59 100
57 0.5 6.4 9.6#



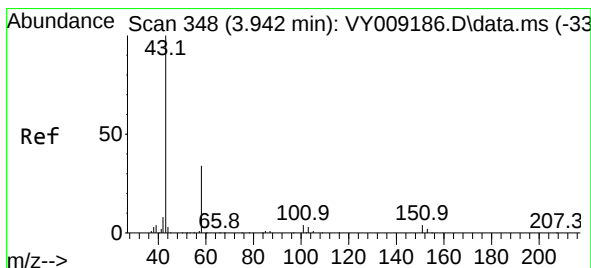
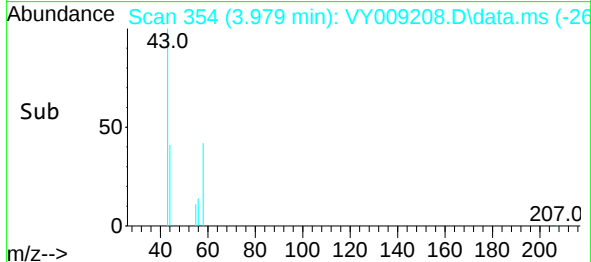
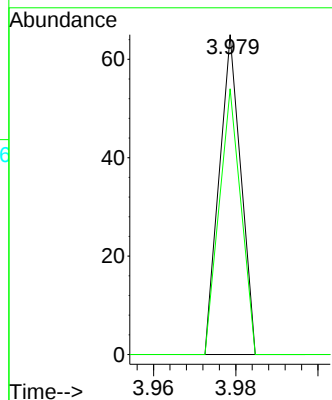


#13
Acrolein
Concen: Below Cal
RT: 3.979 min Scan# 312
Delta R.T. 0.256 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :

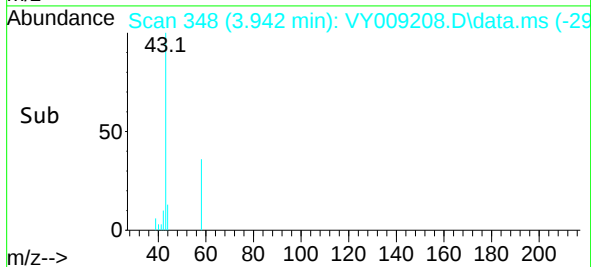
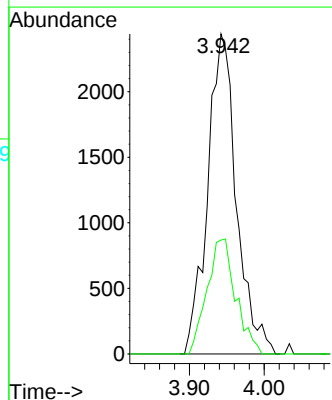
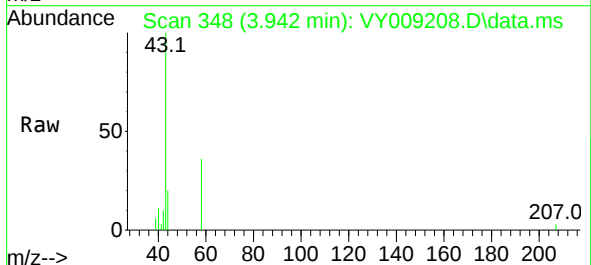


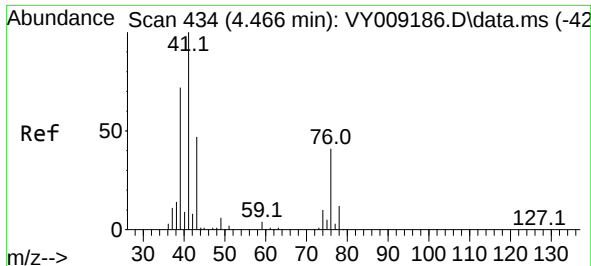
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 83.3 57.6 86.4



#16
Acetone
Concen: 10.527 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

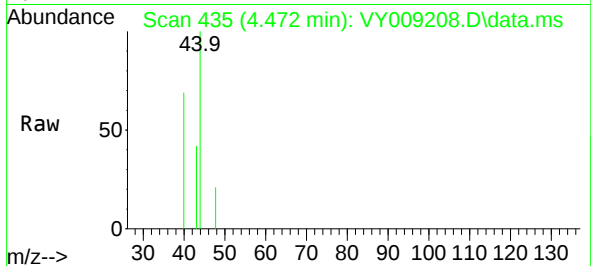
Tgt Ion: 43 Resp: 6550
Ion Ratio Lower Upper
43 100
58 35.6 22.0 33.0#



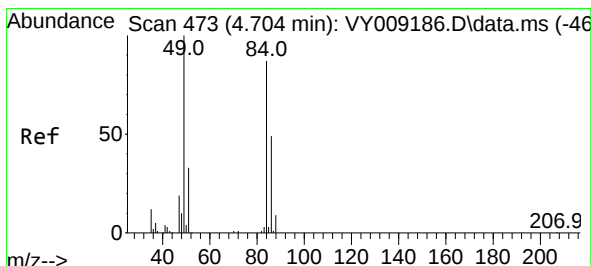
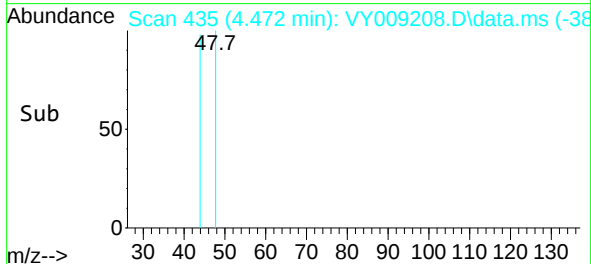
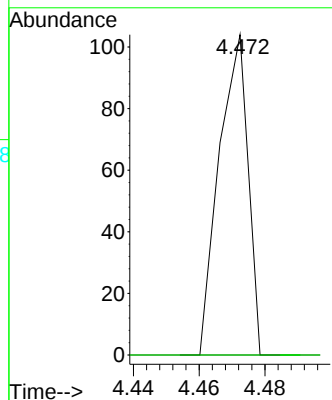


#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :

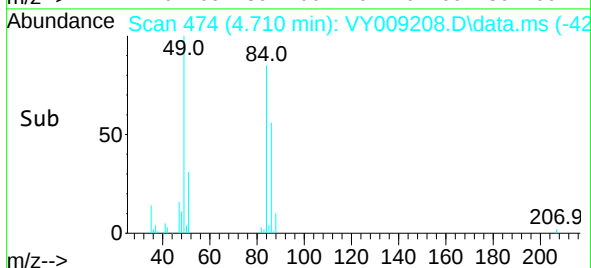
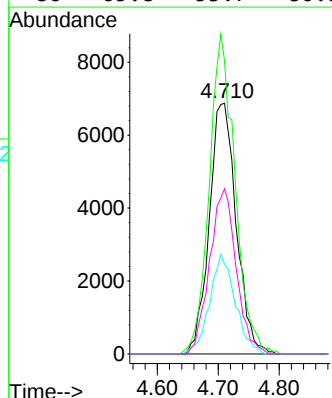
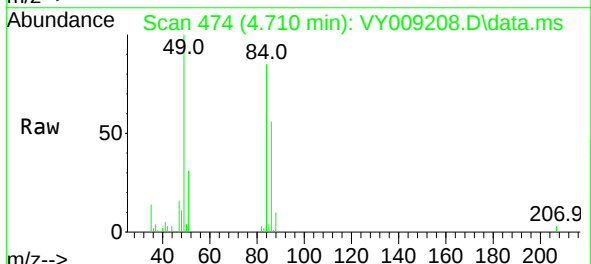


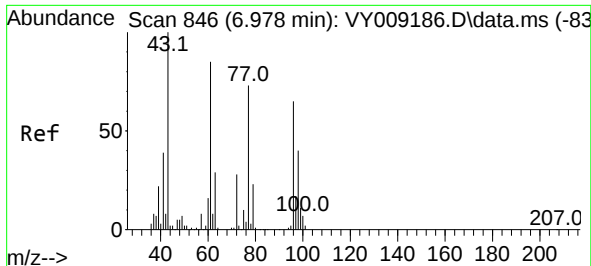
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.972 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Tgt Ion: 84 Resp: 21183
Ion Ratio Lower Upper
84 100
49 117.0 114.4 171.6
51 35.9 35.3 52.9
86 65.8 53.7 80.5





#25

2-Butanone

Concen: 3.428 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

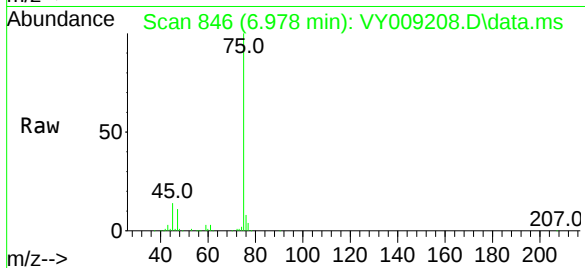
Lab File: VY009208.D

Acq: 16 Jun 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

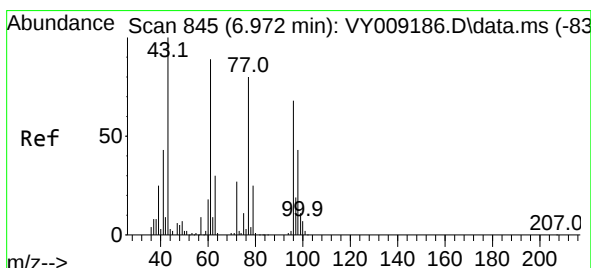
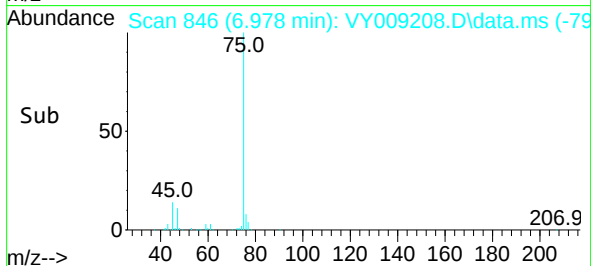
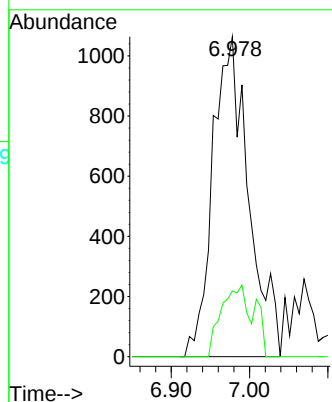


Tgt Ion: 43 Resp: 3375

Ion Ratio Lower Upper

43 100

72 20.5 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.209 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009208.D

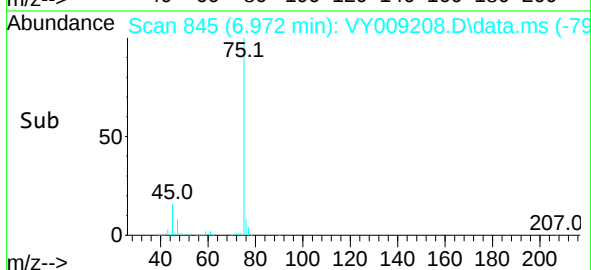
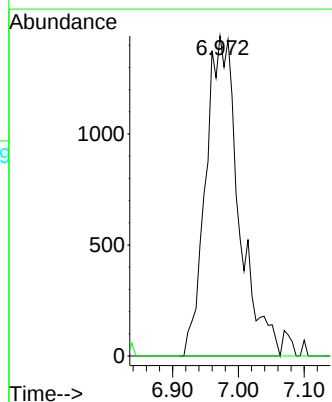
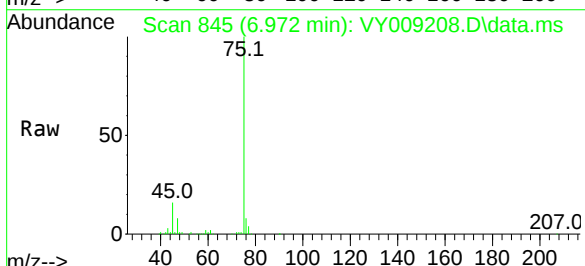
Acq: 16 Jun 2022 17:39

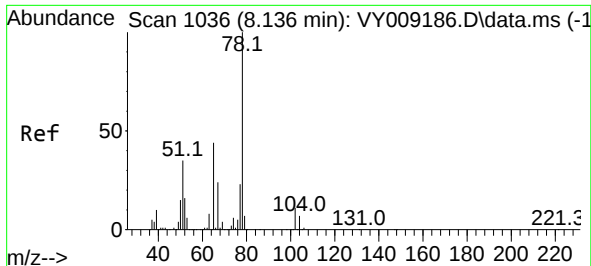
Tgt Ion: 77 Resp: 5070

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 55.707 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009208.D

Acq: 16 Jun 2022 17:39

Instrument :

MSVOA_Y

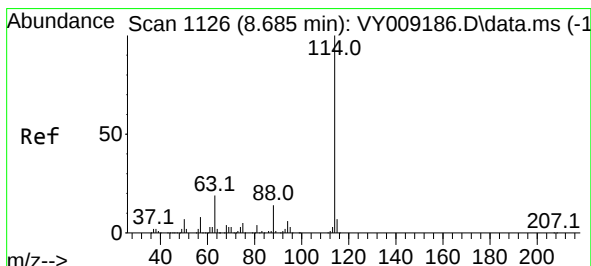
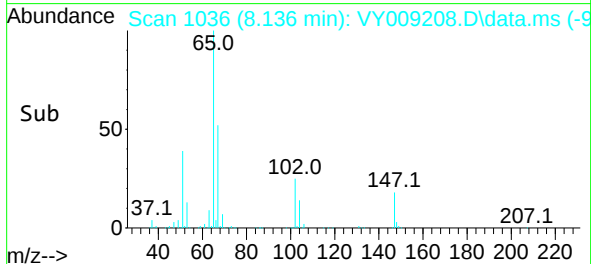
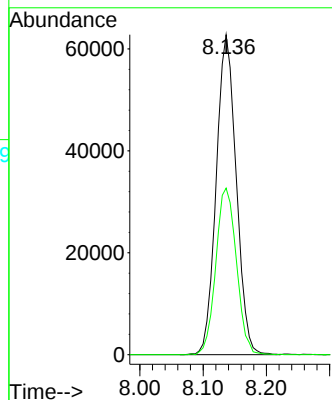
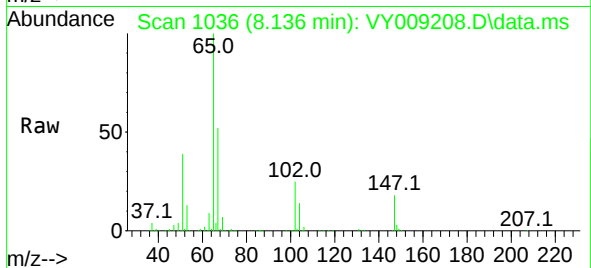
ClientSampleId :

Tgt Ion: 65 Resp: 137605

Ion Ratio Lower Upper

65 100

67 53.7 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: VY009208.D

Acq: 16 Jun 2022 17:39

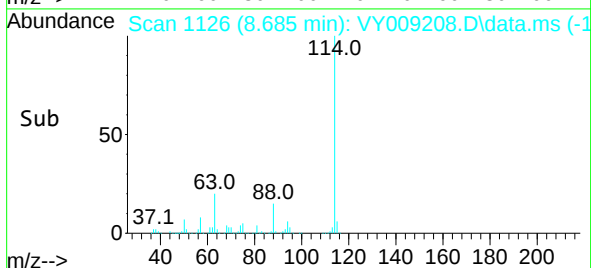
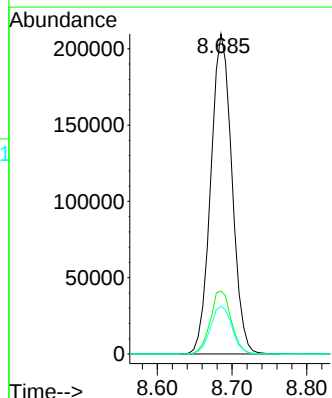
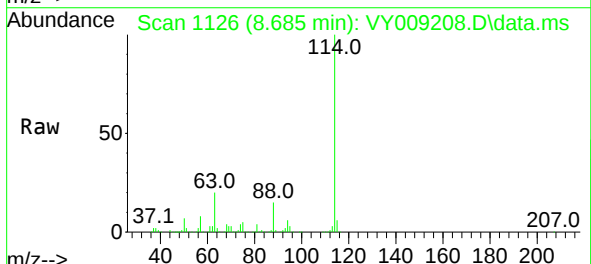
Tgt Ion: 114 Resp: 411717

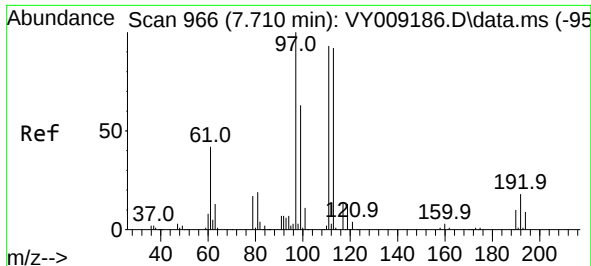
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

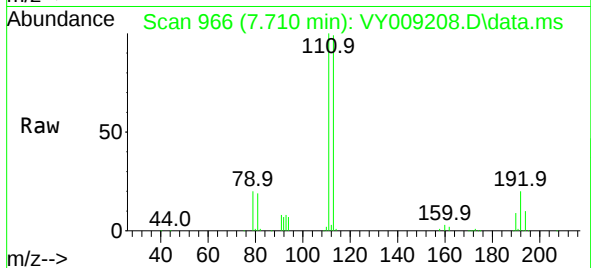
88 14.9 0.0 31.8



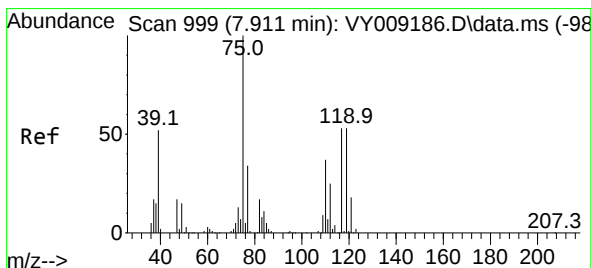
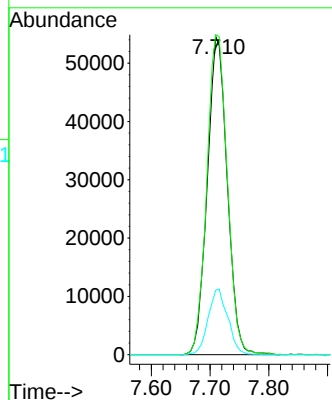
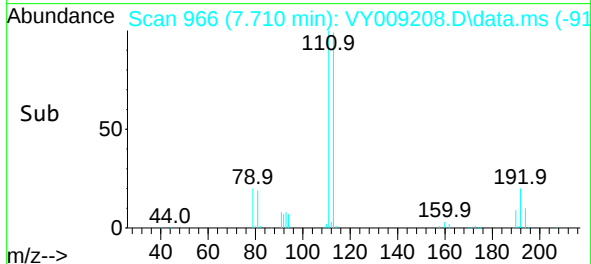


#35
Dibromofluoromethane
Concen: 49.946 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

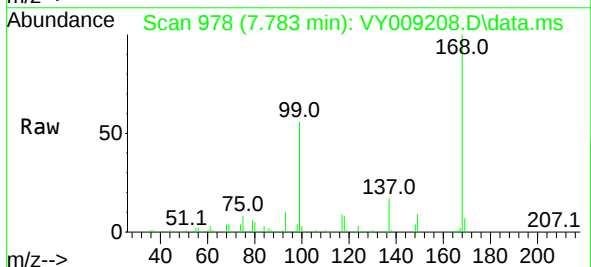
Instrument :
MSVOA_Y
ClientSampleId :



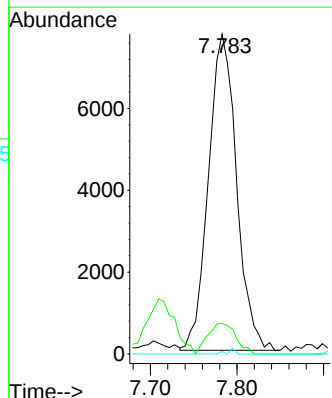
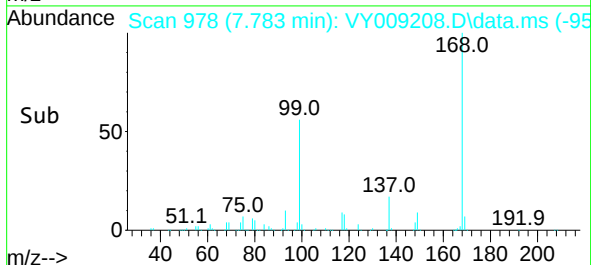
Tgt Ion:113 Resp: 128927
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 20.4 17.6 26.4

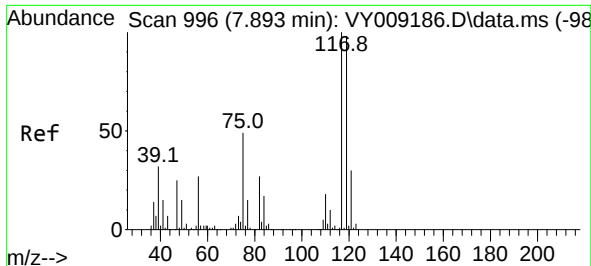


#36
1,1-Dichloropropene
Concen: 4.395 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39



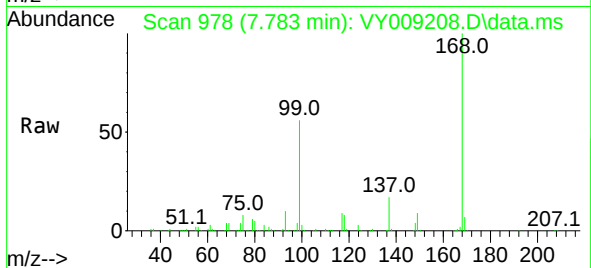
Tgt Ion: 75 Resp: 17451
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.4 24.4 36.6#



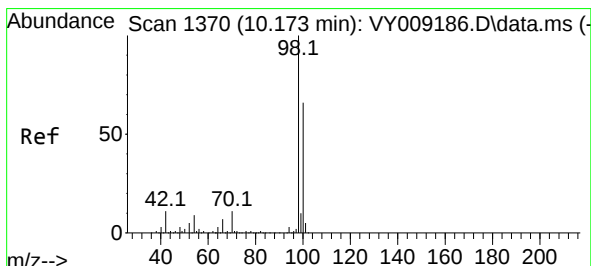
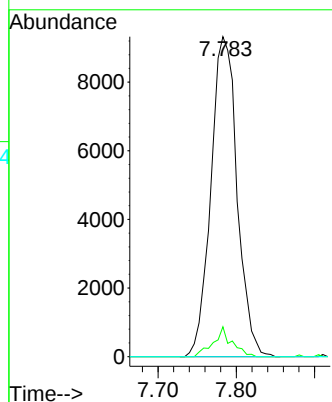
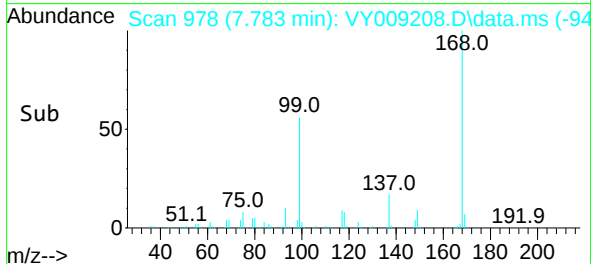


#38
Carbon Tetrachloride
Concen: 5.286 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :

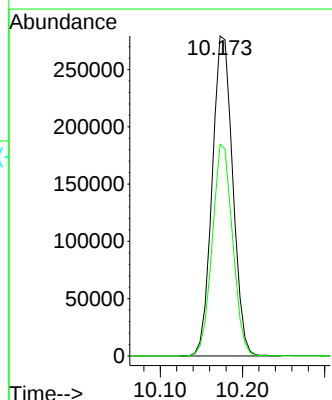
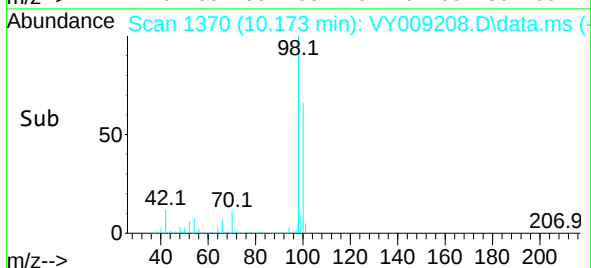
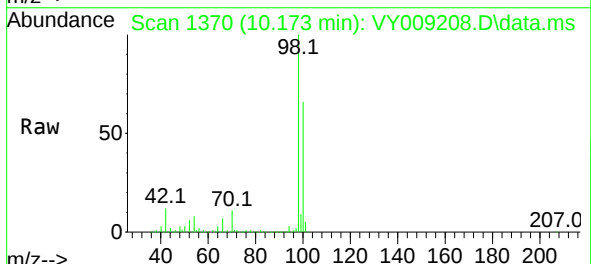


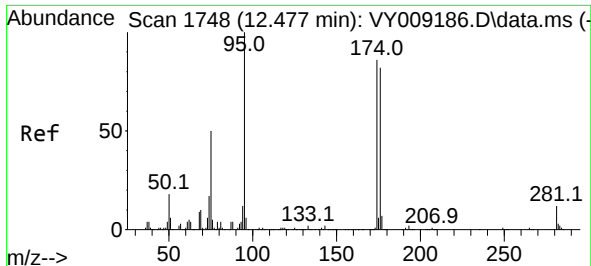
Tgt Ion:117 Resp: 21703
Ion Ratio Lower Upper
117 100
119 9.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.382 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Tgt Ion: 98 Resp: 485231
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

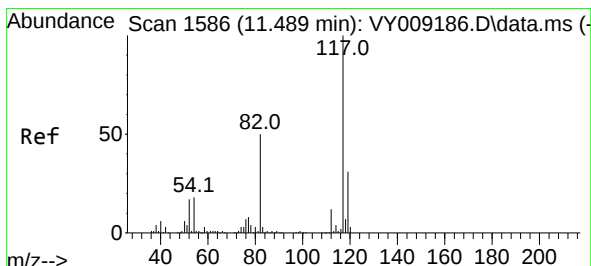
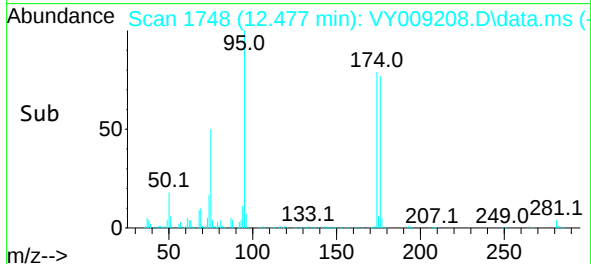
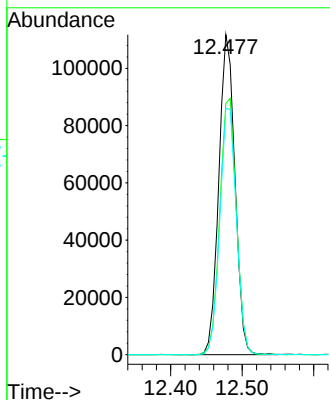
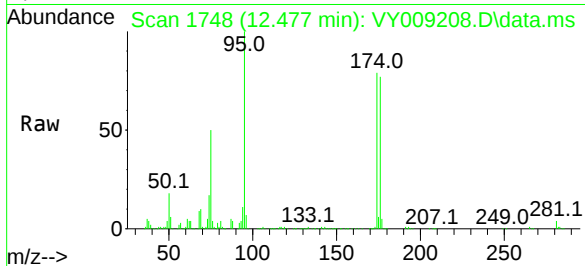




#62
4-Bromofluorobenzene
Concen: 50.144 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

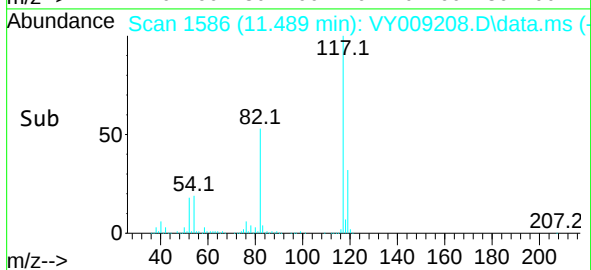
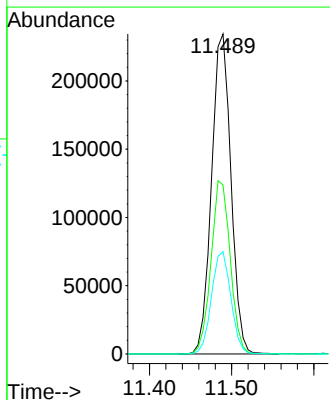
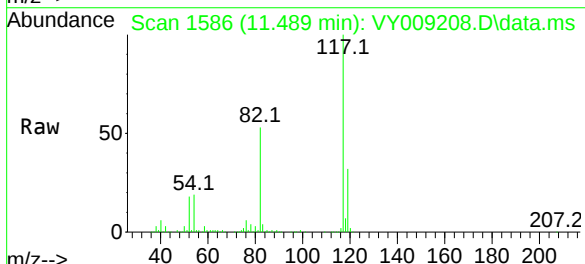
Instrument :
MSVOA_Y
ClientSampleId :

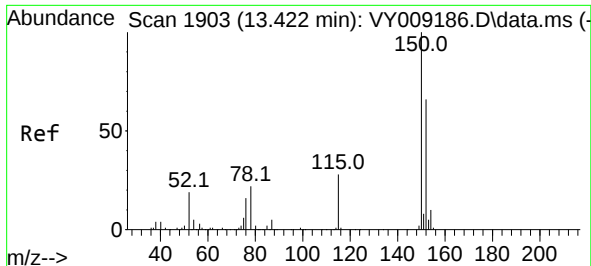
Tgt Ion: 95 Resp: 175092
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Tgt Ion: 117 Resp: 384198
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 25.4 38.0

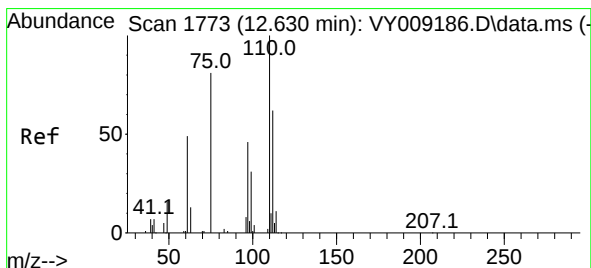
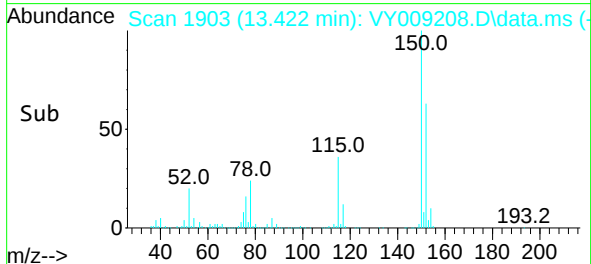
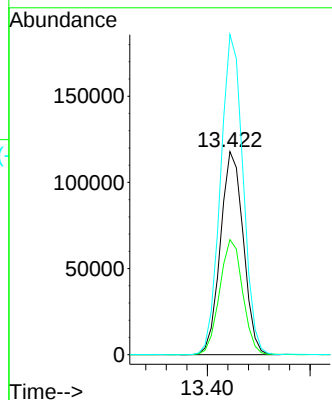
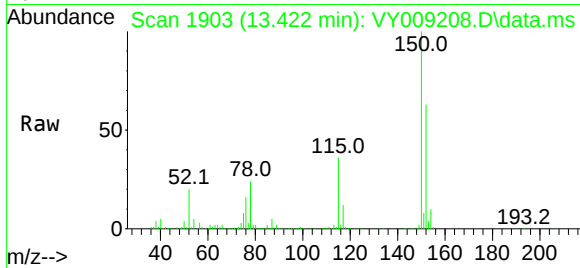




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009208.D
 Acq: 16 Jun 2022 17:39

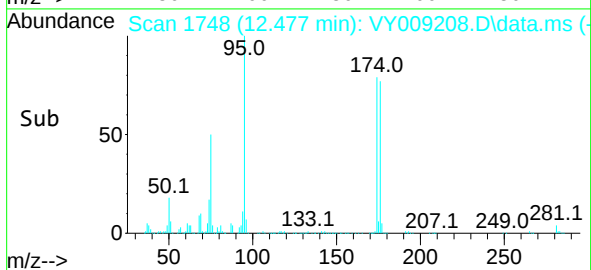
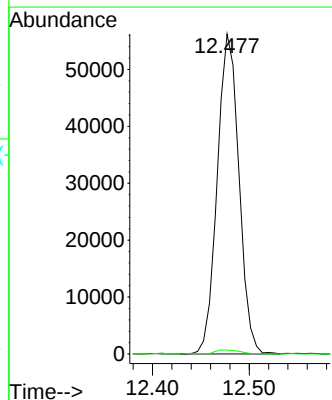
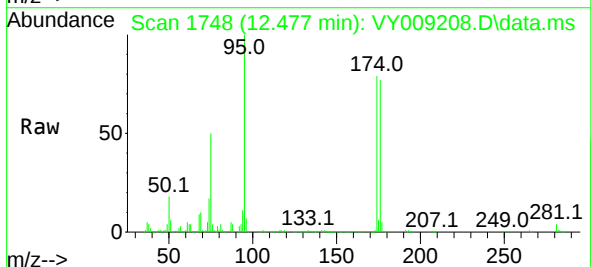
Instrument :
 MSVOA_Y
 ClientSampleId :

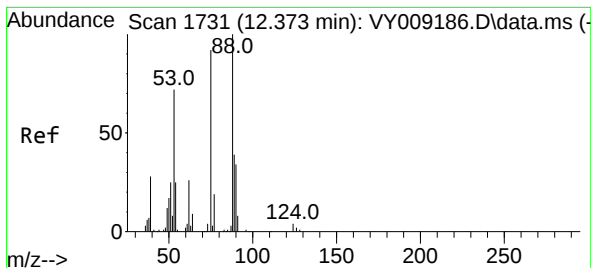
Tgt Ion:152 Resp: 181900
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 155.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.596 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009208.D
 Acq: 16 Jun 2022 17:39

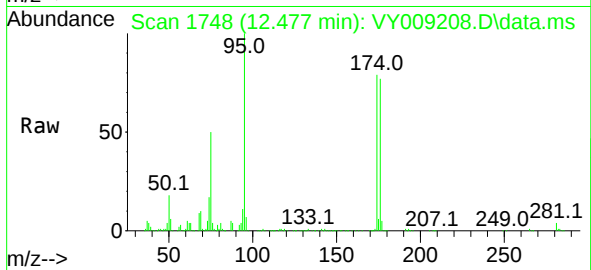
Tgt Ion: 75 Resp: 87561
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.881 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009208.D
 Acq: 16 Jun 2022 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 87561
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

