

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009220.D
 Acq On : 17 Jun 2022 12:34
 Operator : KP/MD
 Sample : N3348-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 14:19:34 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	193401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111124	55.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.716	113	104197	49.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.179	98	396885	49.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.477	95	134895	47.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.460%

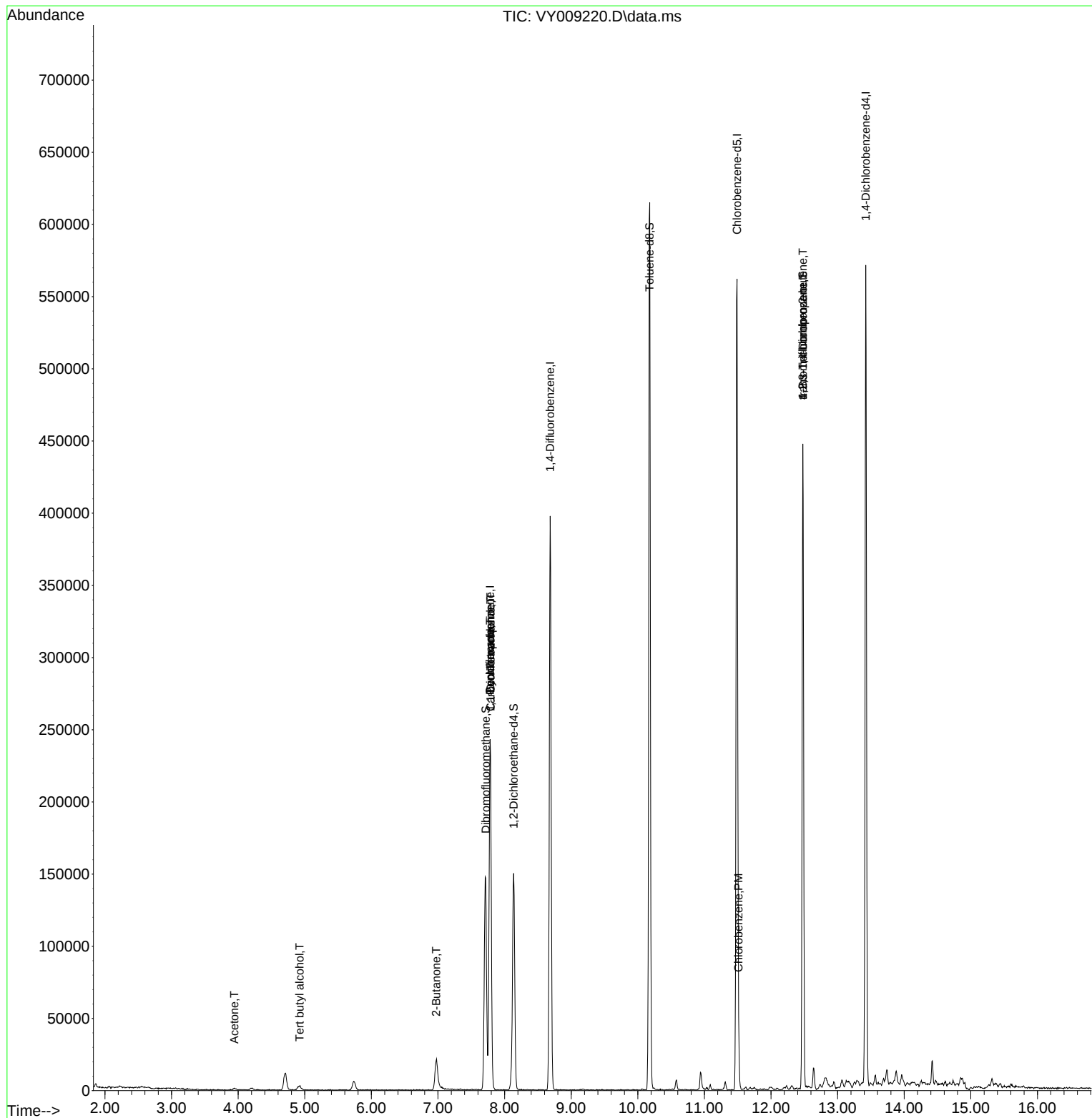
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.924	59	3117	9.725	ug/l #	77
16) Acetone	3.942	43	2006	3.942	ug/l #	89
18) Methyl Acetate	4.460	43	66	Below Cal	#	1
25) 2-Butanone	6.972	43	1165	1.447	ug/l #	74
31) Cyclohexane	7.783	56	4290	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15012	4.622	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18283	5.444	ug/l #	15
65) Chlorobenzene	11.514	112	14258	2.133	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	68109	43.408	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68109	86.507	ug/l #	7

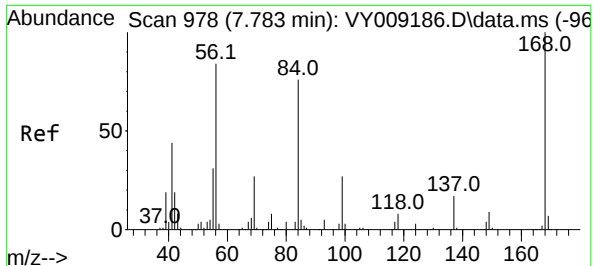
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
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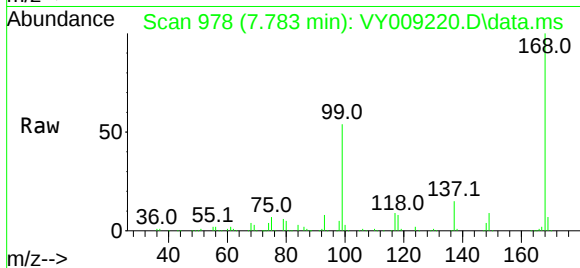
Quant Time: Jun 17 14:19:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration



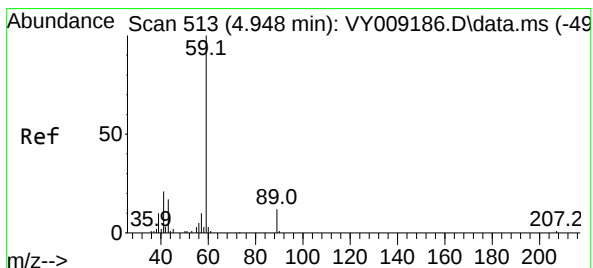
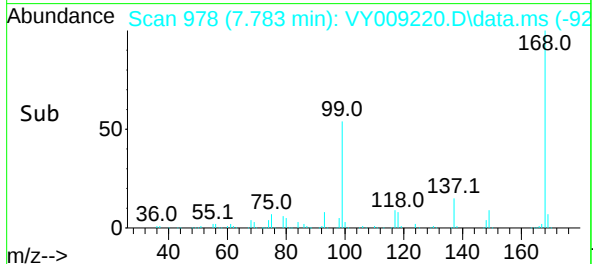
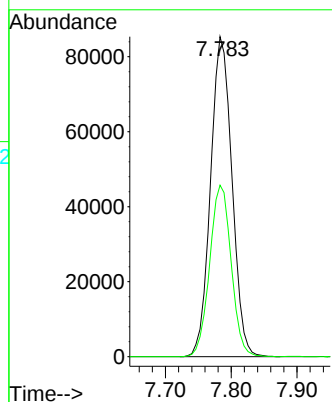


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Instrument :
MSVOA_Y
ClientSampleId :

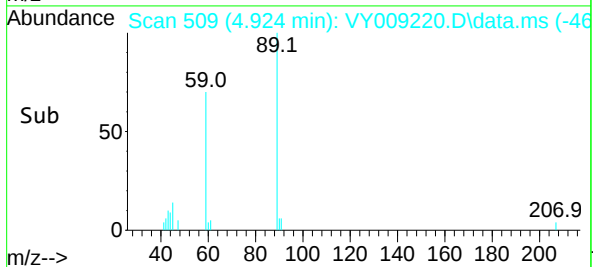
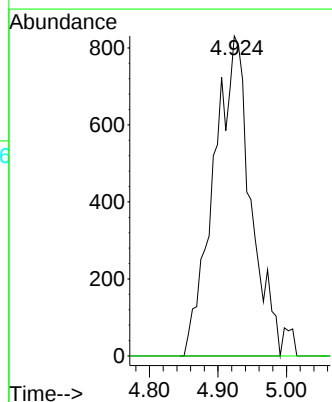
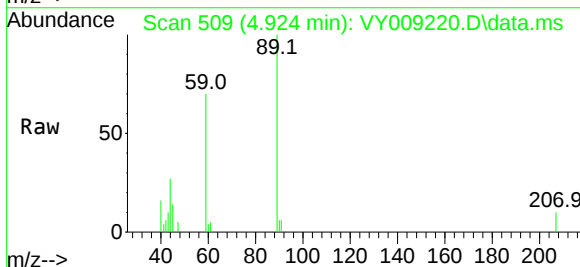


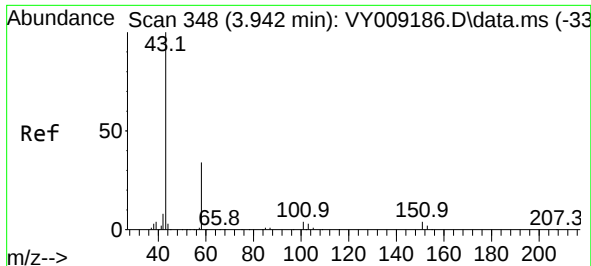
Tgt Ion:168 Resp: 193401
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 9.725 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

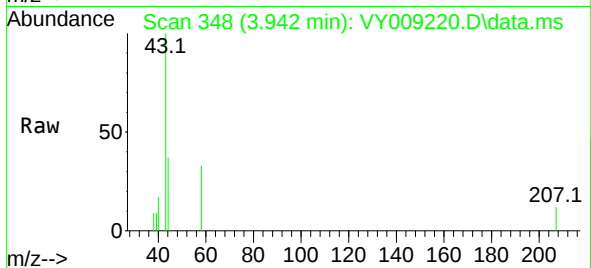
Tgt Ion: 59 Resp: 3117
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



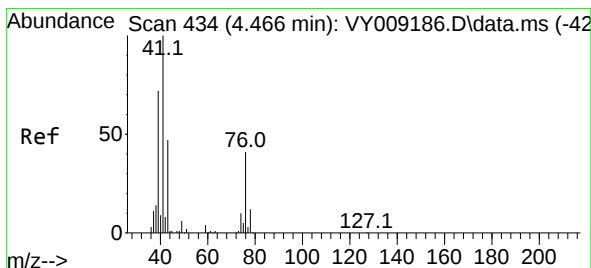
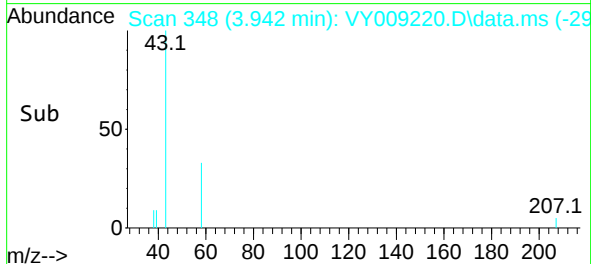
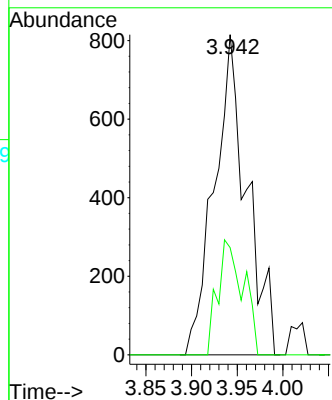


#16
Acetone
Concen: 3.942 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Instrument :
MSVOA_Y
ClientSampleId :

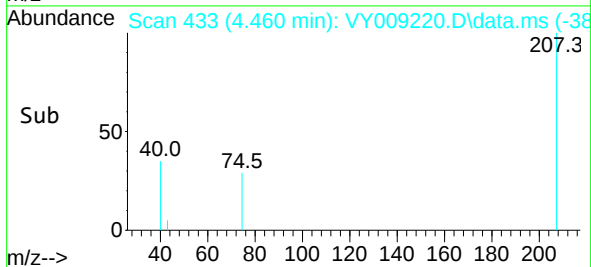
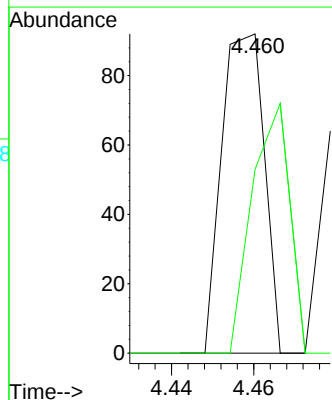
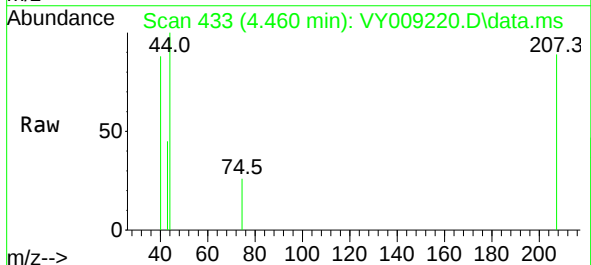


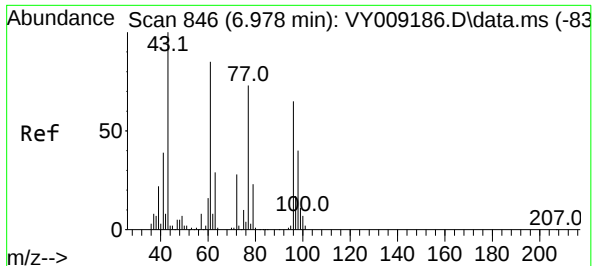
Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
74 69.7 16.6 24.8#





#25

2-Butanone

Concen: 1.447 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

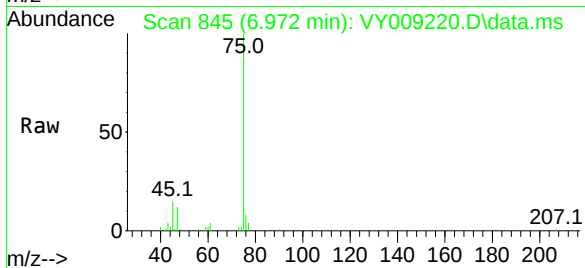
Lab File: VY009220.D

Acq: 17 Jun 2022 12:34

Instrument :

MSVOA_Y

ClientSampleId :

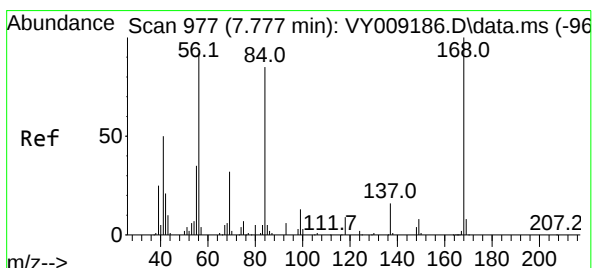
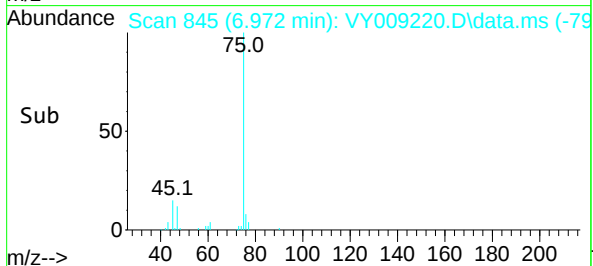
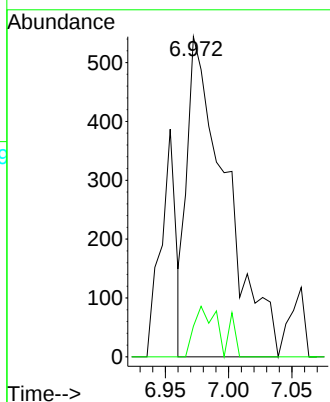


Tgt Ion: 43 Resp: 1165

Ion Ratio Lower Upper

43 100

72 9.6 17.7 26.5#



#31

Cyclohexane

Concen: 1.185 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY009220.D

Acq: 17 Jun 2022 12:34

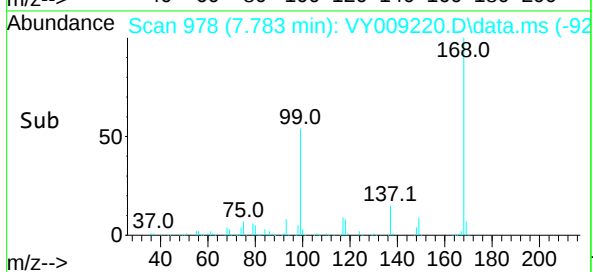
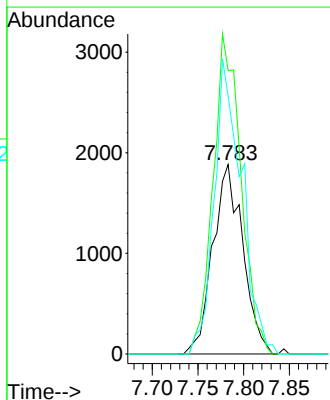
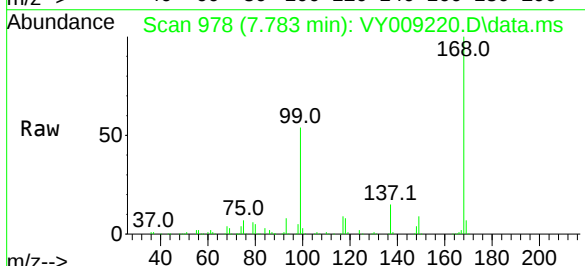
Tgt Ion: 56 Resp: 4290

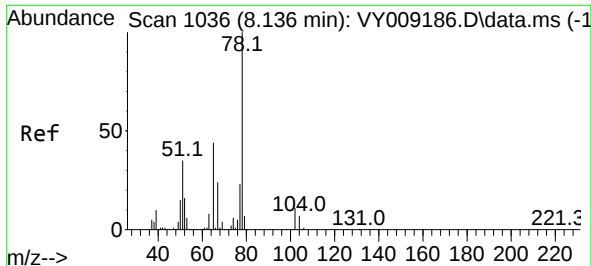
Ion Ratio Lower Upper

56 100

69 149.6 26.7 40.1#

84 136.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.005 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY009220.D

Acq: 17 Jun 2022 12:34

Instrument :

MSVOA_Y

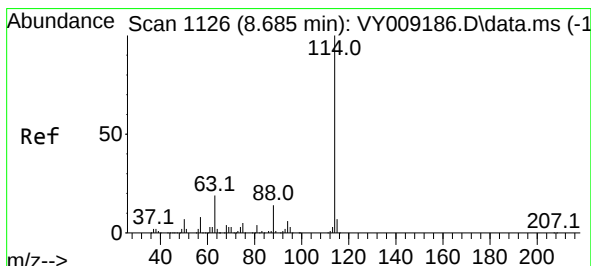
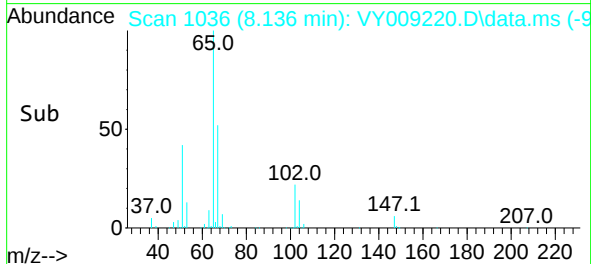
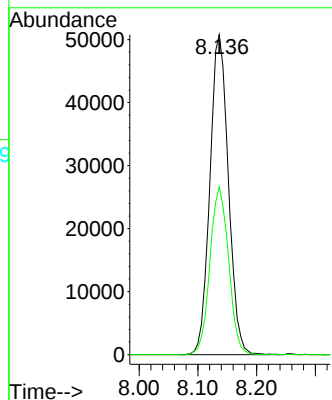
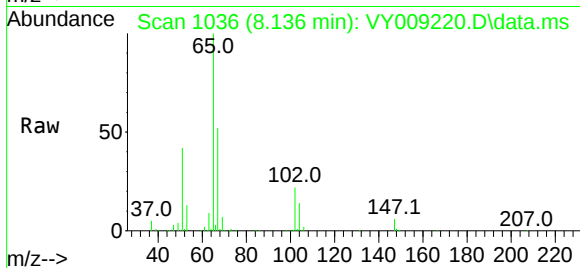
ClientSampleId :

Tgt Ion: 65 Resp: 111124

Ion Ratio Lower Upper

65 100

67 52.8 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: VY009220.D

Acq: 17 Jun 2022 12:34

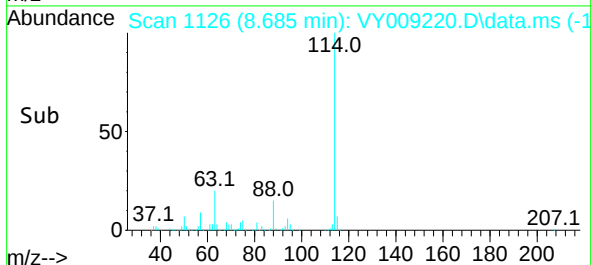
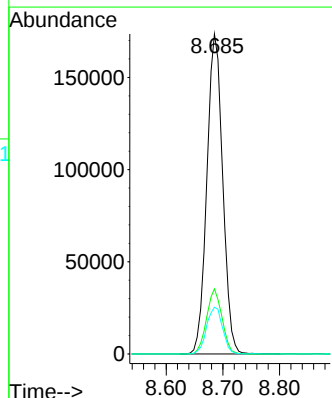
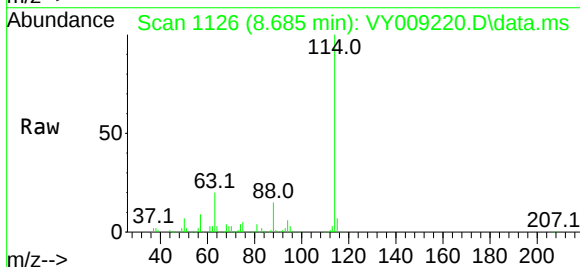
Tgt Ion: 114 Resp: 336758

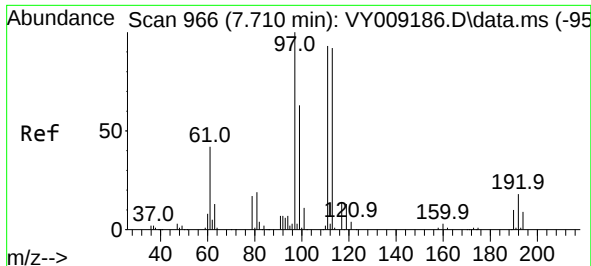
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.6 0.0 31.8

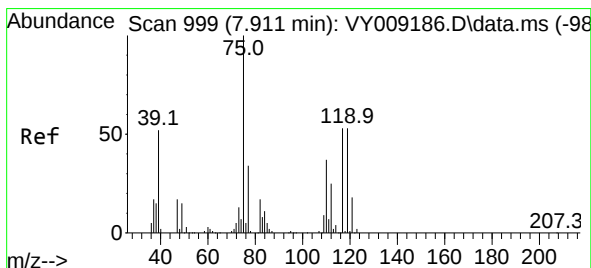
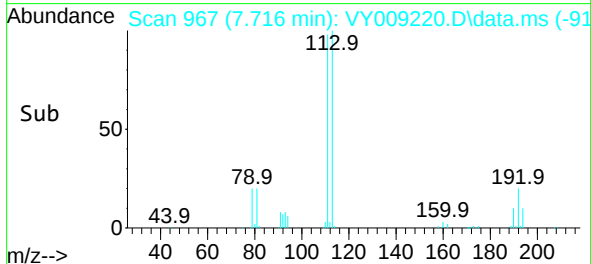
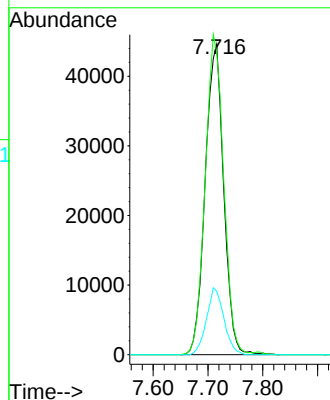
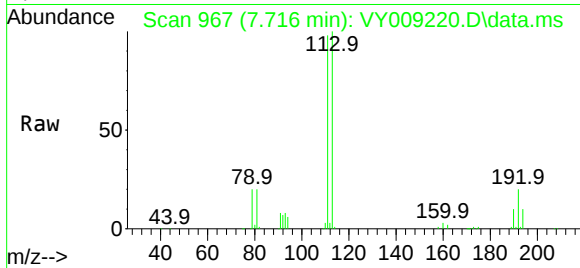




#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

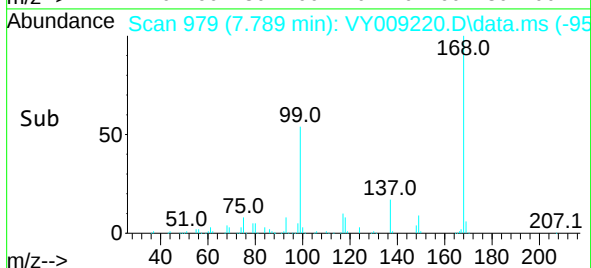
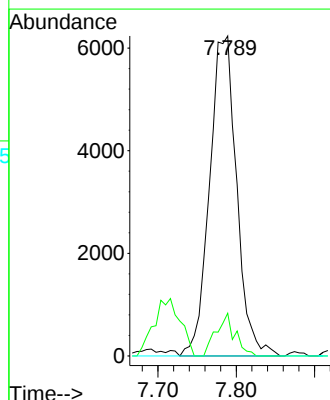
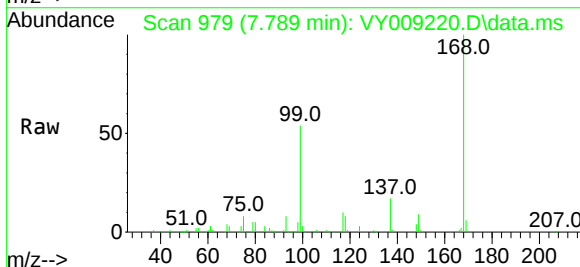
Instrument :
MSVOA_Y
ClientSampleId :

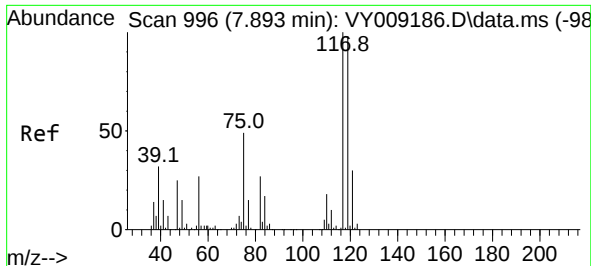
Tgt Ion:113 Resp: 104197
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

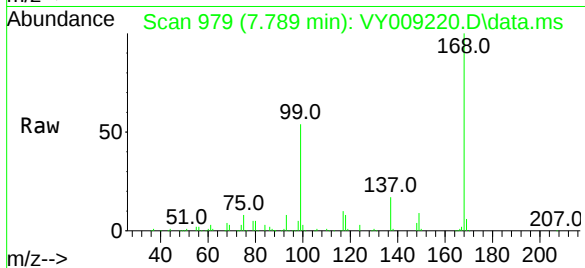
Tgt Ion: 75 Resp: 15012
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



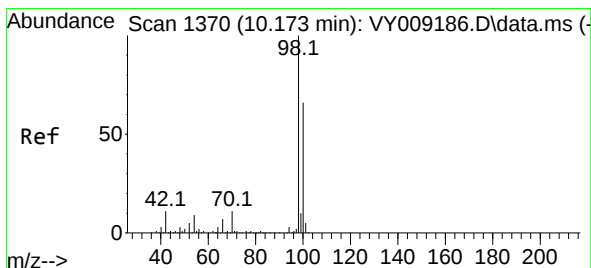
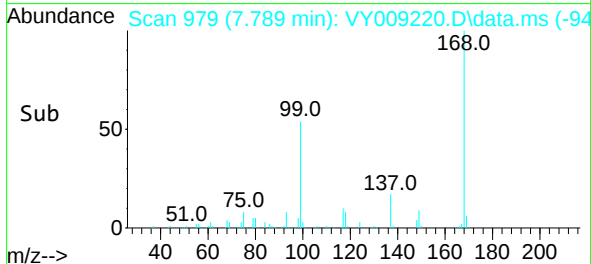
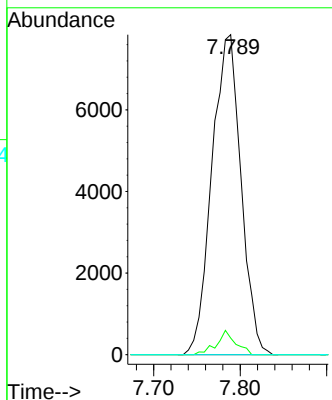


#38
Carbon Tetrachloride
Concen: 5.444 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Instrument :
MSVOA_Y
ClientSampleId :

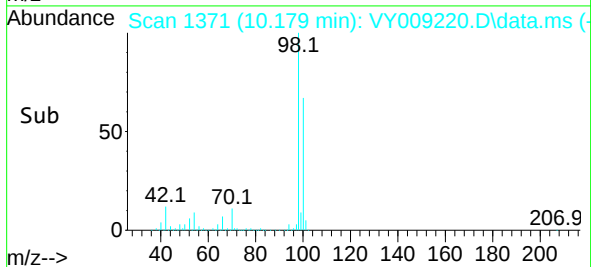
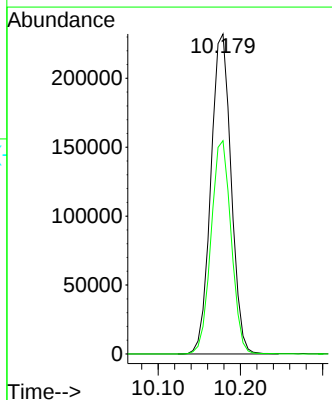
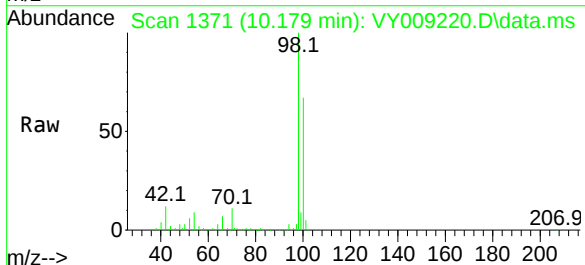


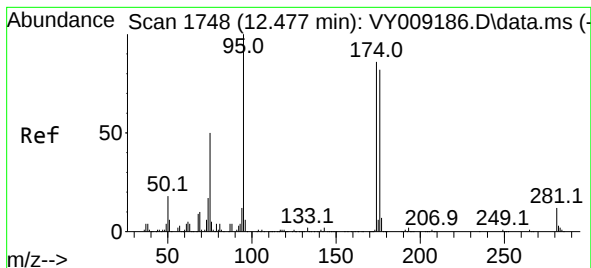
Tgt Ion:117 Resp: 18283
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.381 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Tgt Ion: 98 Resp: 396885
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2

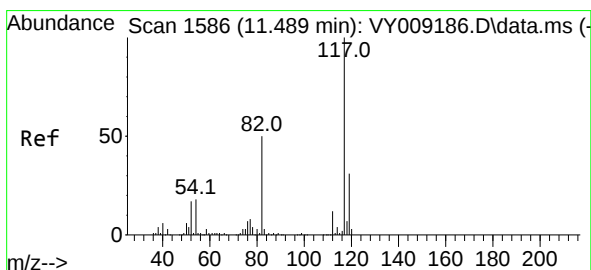
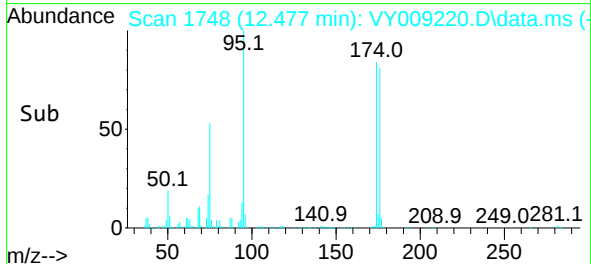
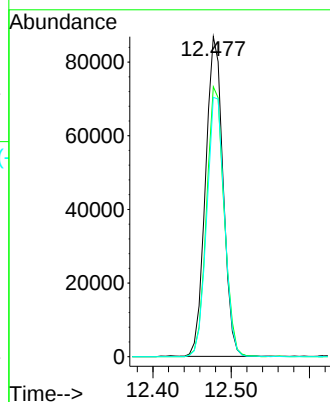
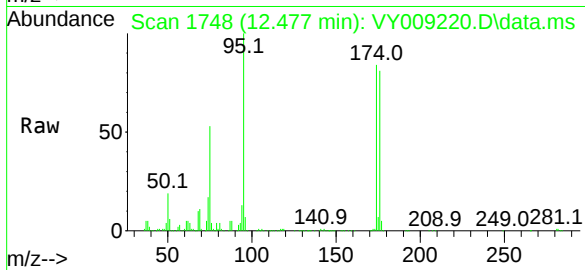




#62
4-Bromofluorobenzene
Concen: 47.231 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

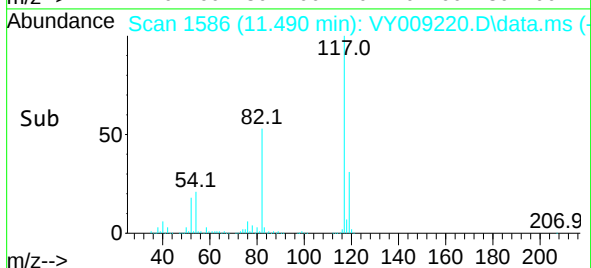
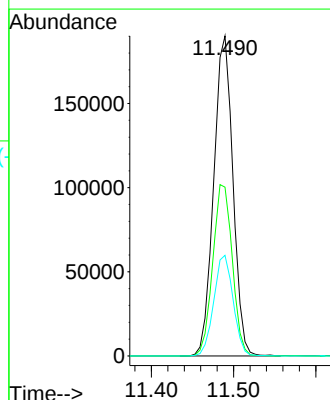
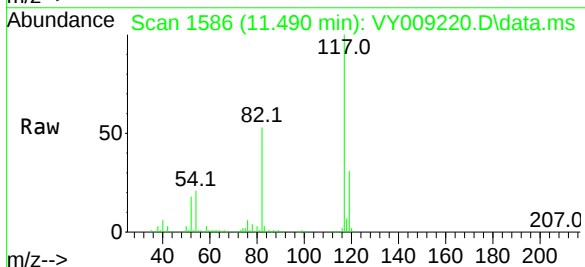
Instrument :
MSVOA_Y
ClientSampleId :

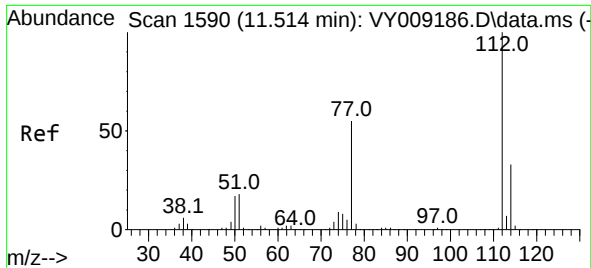
Tgt Ion: 95 Resp: 134895
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Tgt Ion: 117 Resp: 308540
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.4 25.4 38.0

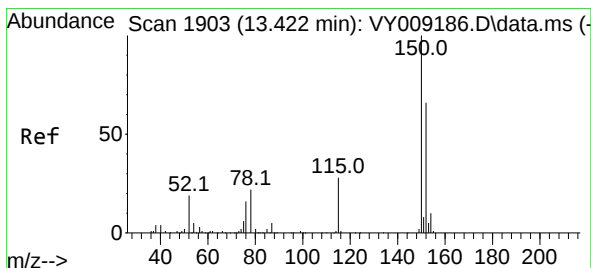
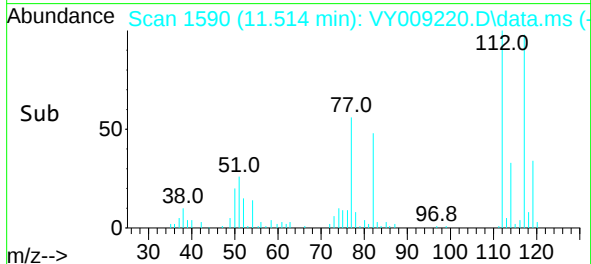
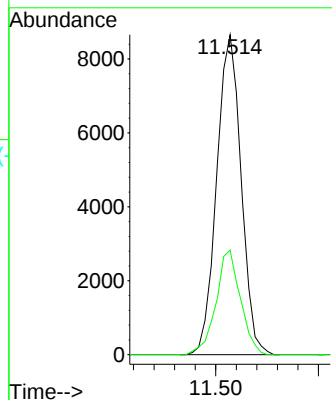
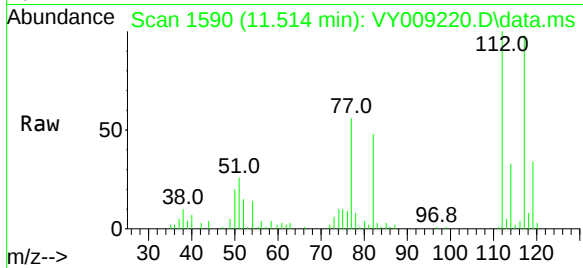




#65
Chlorobenzene
Concen: 2.133 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

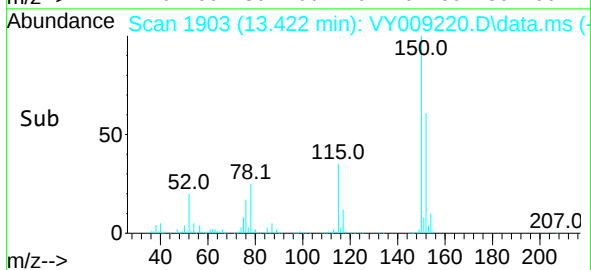
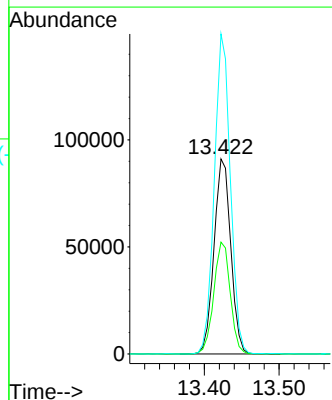
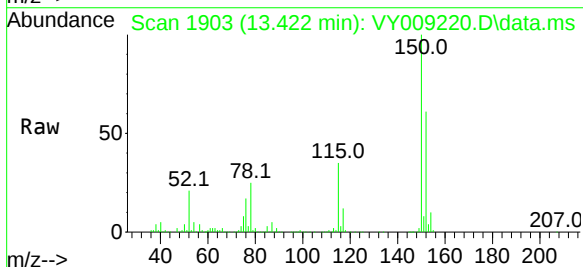
Instrument :
MSVOA_Y
ClientSampleId :

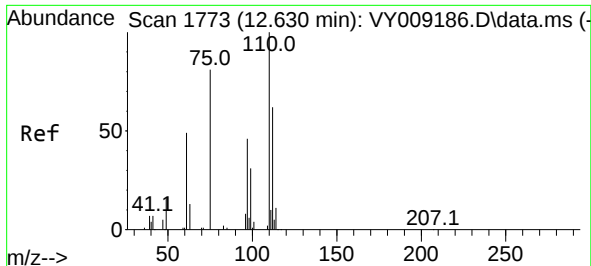
Tgt Ion:112 Resp: 14258
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Tgt Ion:152 Resp: 142102
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 157.3 0.0 347.6

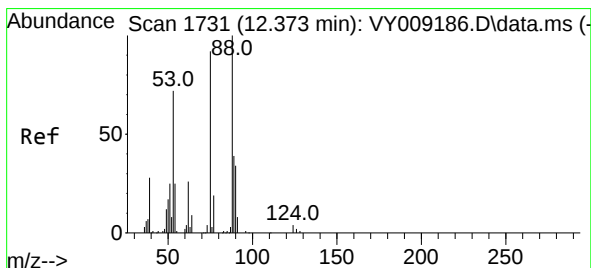
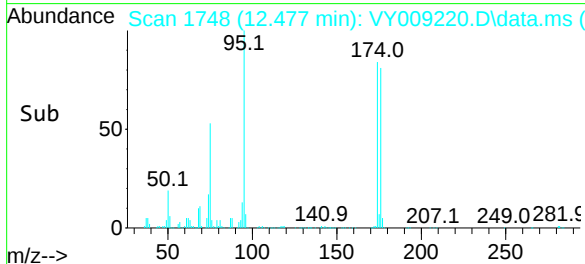
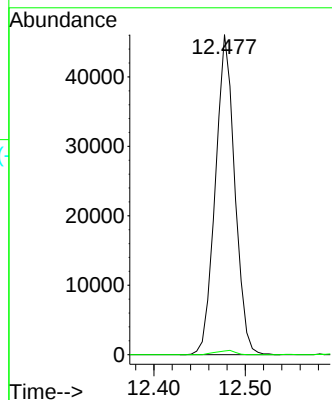
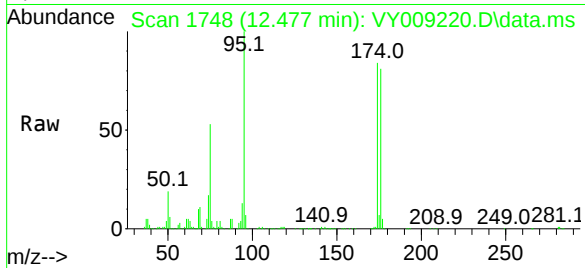




#76
1,2,3-Trichloropropane
Concen: 43.408 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68109
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.507 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009220.D
Acq: 17 Jun 2022 12:34

Tgt Ion: 75 Resp: 68109
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

