

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009224.D
 Acq On : 17 Jun 2022 14:08
 Operator : KP/MD
 Sample : N3384-01
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 22:52:49 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)

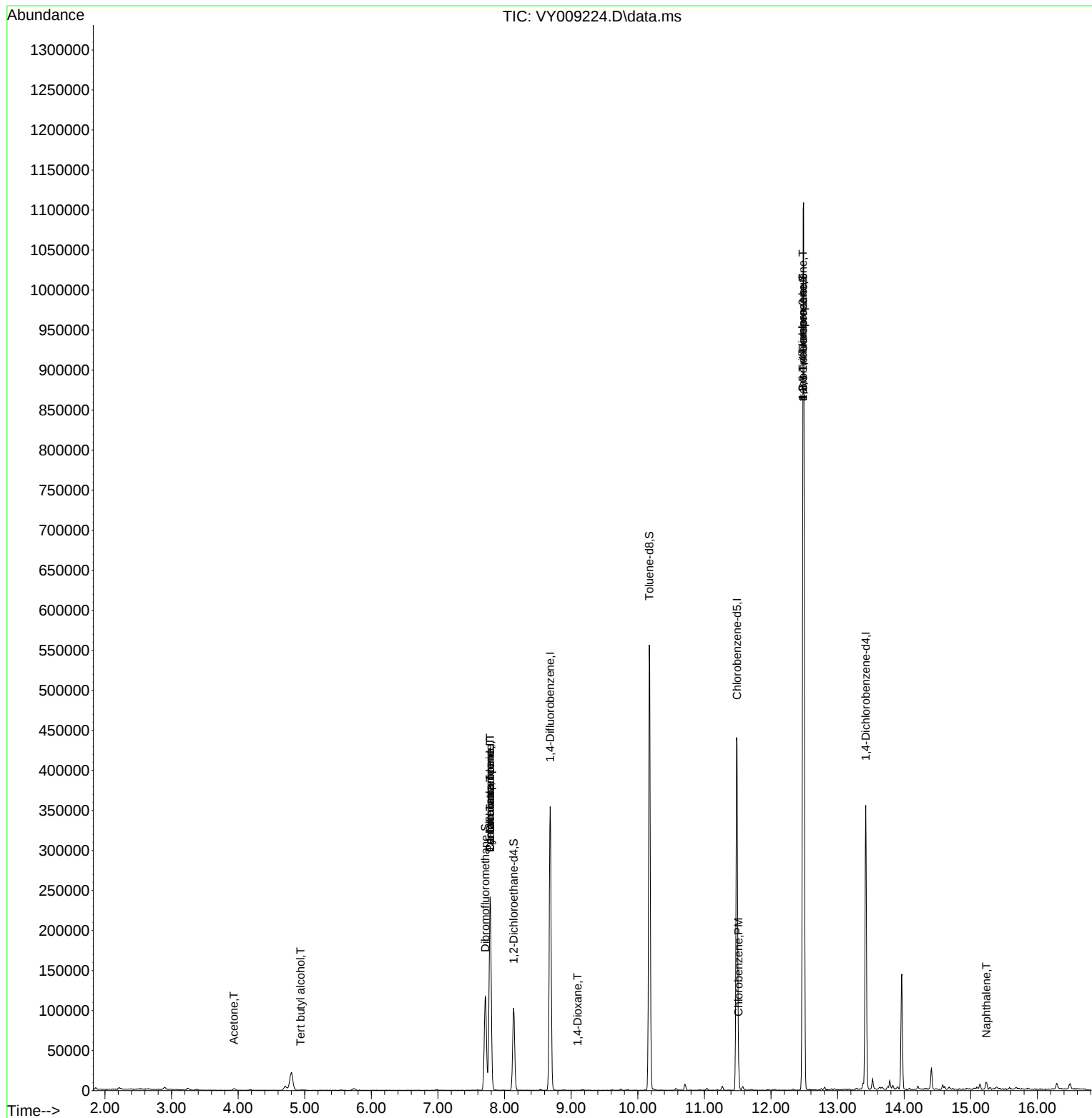
Internal Standards						
1) Pentafluorobenzene	7.783	168	189075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	240014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76615	38.791	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.580%		
35) Dibromofluoromethane	7.710	113	81787	42.866	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.740%		
50) Toluene-d8	10.173	98	354760	48.845	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.680%		
62) 4-Bromofluorobenzene	12.477	95	97451	37.758	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.520%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	468	1.494	ug/l #	77
13) Acrolein	3.893	56	20	Below Cal	#	14
16) Acetone	3.936	43	3707	7.451	ug/l	93
18) Methyl Acetate	4.466	43	23	Below Cal	#	56
20) Methylene Chloride	4.698	84	3206	Below Cal	#	90
31) Cyclohexane	7.783	56	4348	1.229	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	13432	4.577	ug/l #	52
38) Carbon Tetrachloride	7.783	117	18438	6.075	ug/l #	16
49) 1,4-Dioxane	9.094	88	22	1.238	ug/l #	20
65) Chlorobenzene	11.514	112	9974	1.918	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	57730	59.525	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57730	118.627	ug/l #	10
95) Naphthalene	15.233	128	7969	2.145	ug/l	98

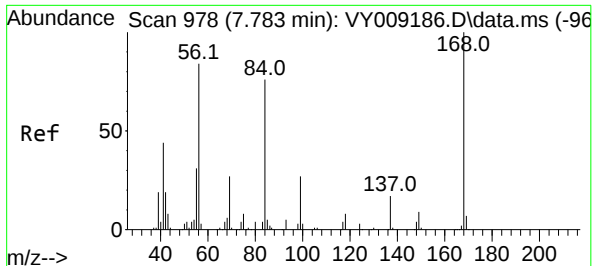
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
Data File : VY009224.D
Acq On : 17 Jun 2022 14:08
Operator : KP/MD
Sample : N3384-01
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

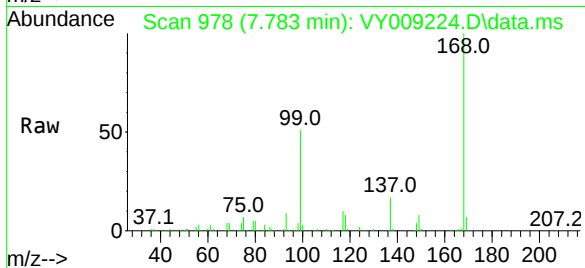
Quant Time: Jun 17 22:52:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration



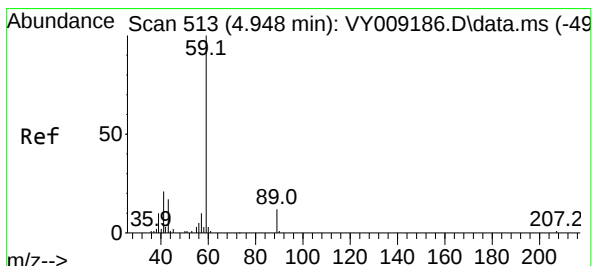
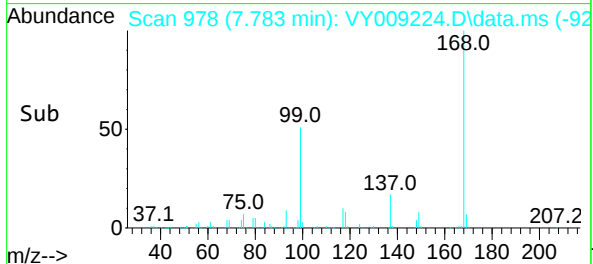
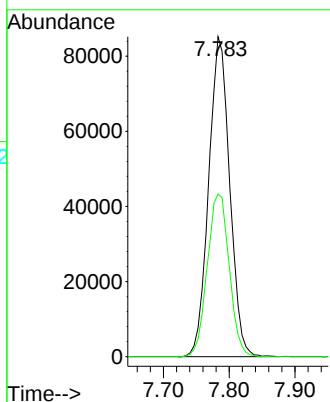


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Instrument :
MSVOA_Y
ClientSampleId :

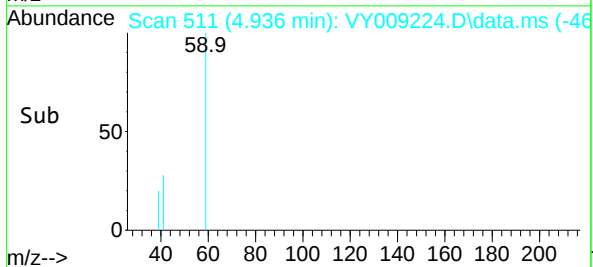
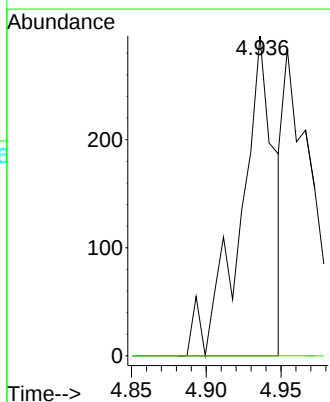
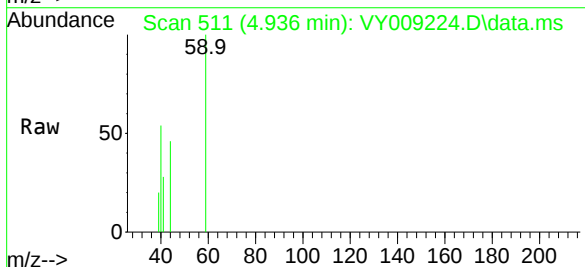


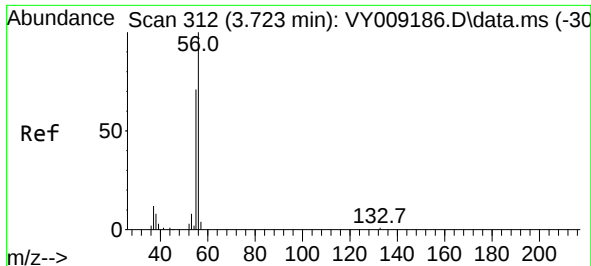
Tgt Ion:168 Resp: 189075
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.494 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

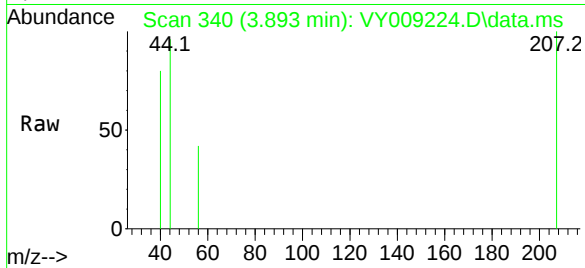
Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



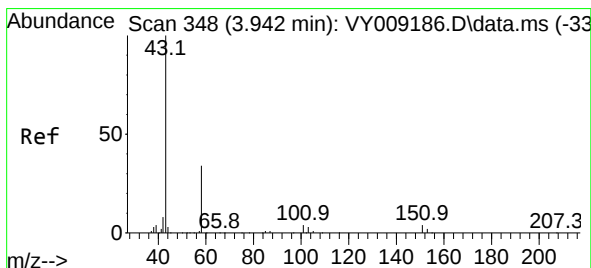
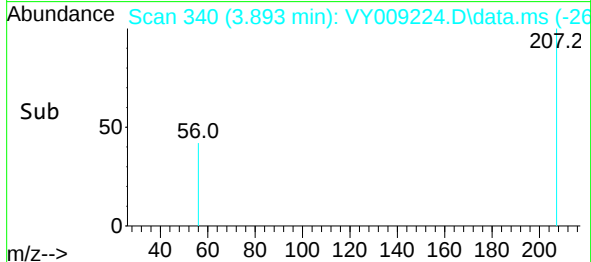
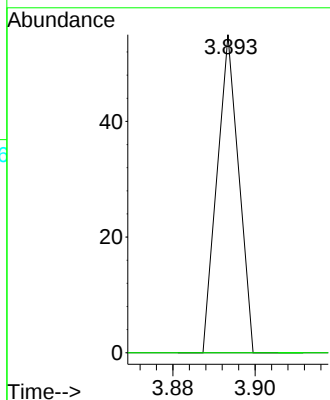


#13
Acrolein
Concen: Below Cal
RT: 3.893 min Scan# 34
Delta R.T. 0.170 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Instrument :
MSVOA_Y
ClientSampleId :

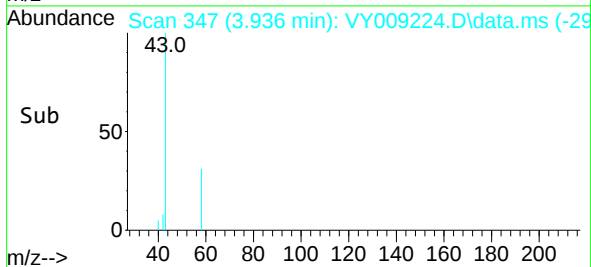
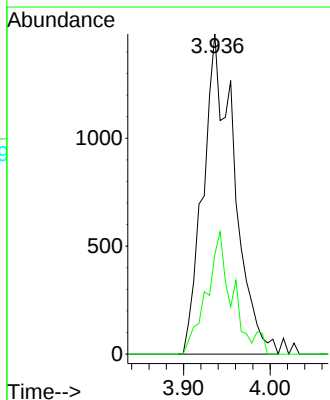
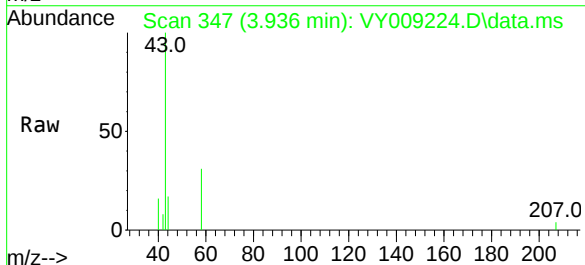


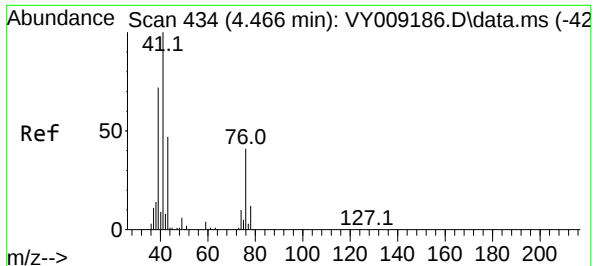
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 7.451 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. 0.000 min

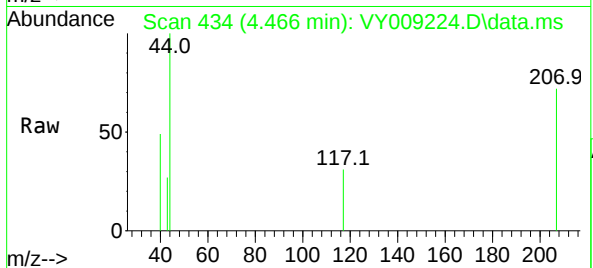
Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

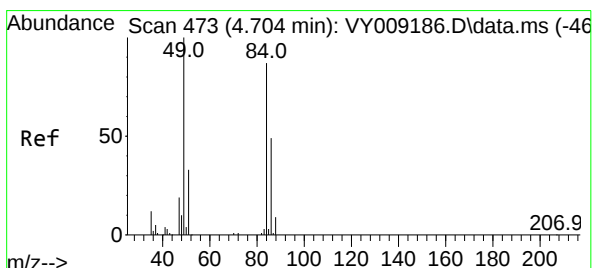
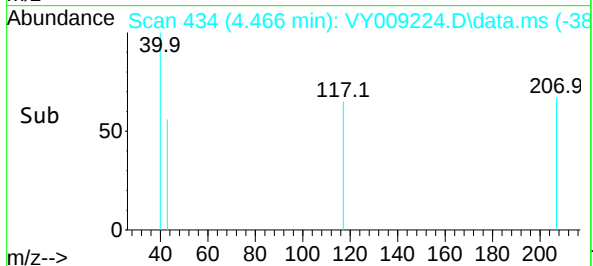
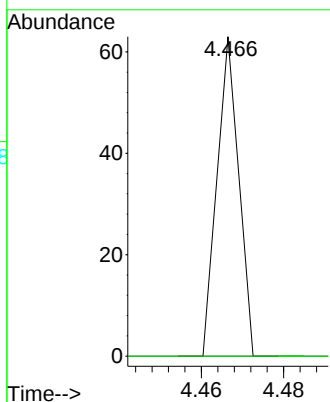


Tgt Ion: 43 Resp: 23

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

Tgt Ion: 84 Resp: 3206

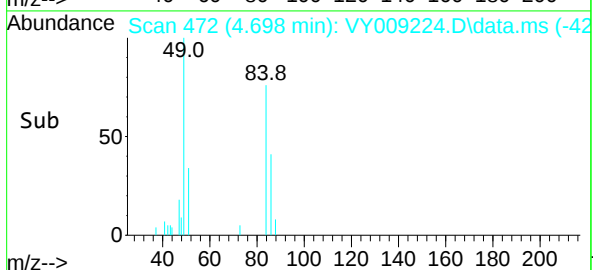
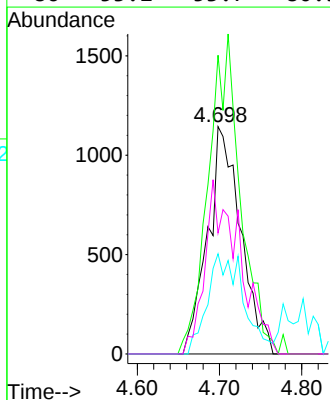
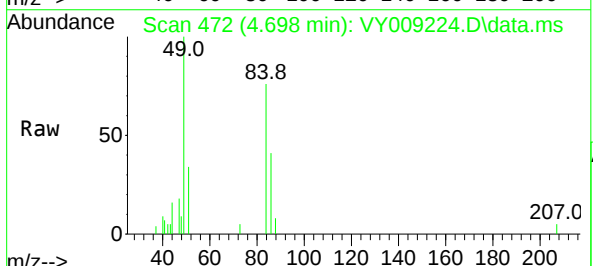
Ion Ratio Lower Upper

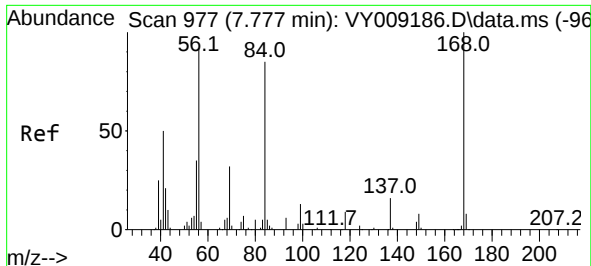
84 100

49 131.4 114.4 171.6

51 44.1 35.3 52.9

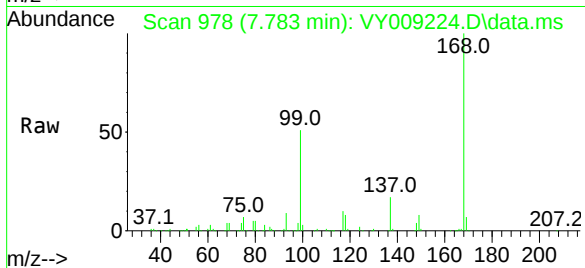
86 53.2 53.7 80.5#



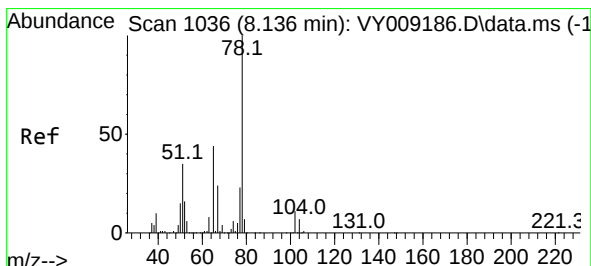
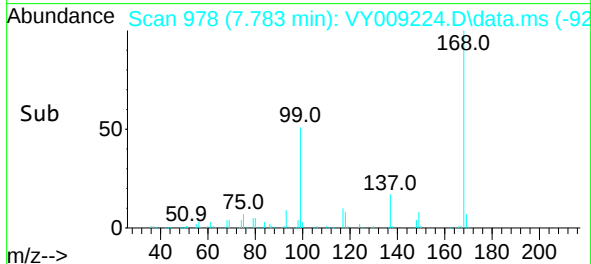
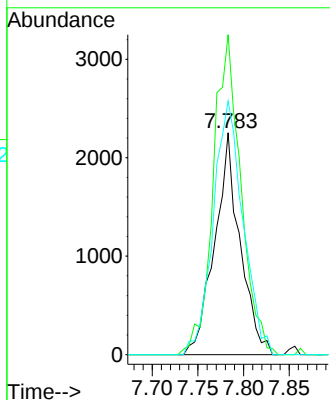


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Instrument :
MSVOA_Y
ClientSampleId :

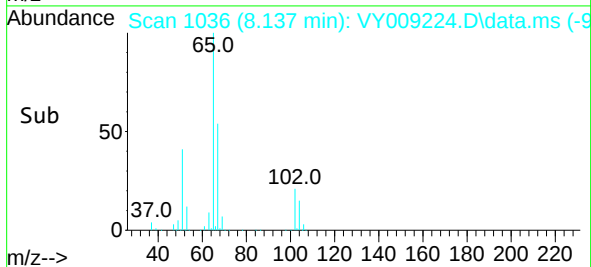
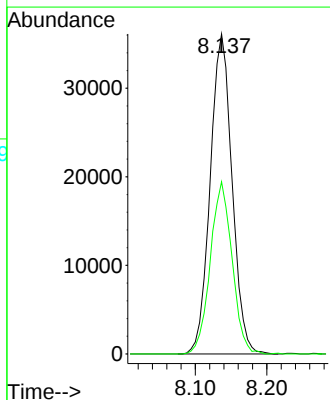
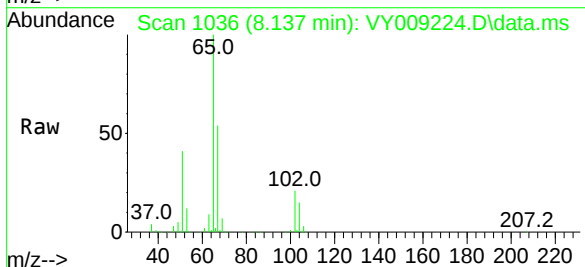


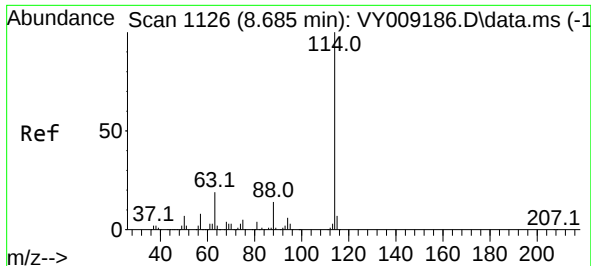
Tgt Ion: 56 Resp: 4348
Ion Ratio Lower Upper
56 100
69 144.2 26.7 40.1#
84 114.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 38.791 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Tgt Ion: 65 Resp: 76615
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

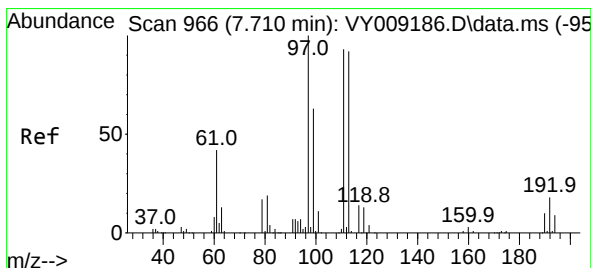
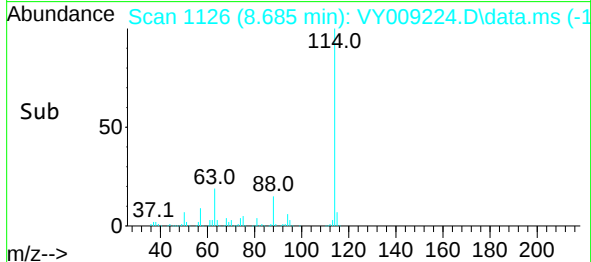
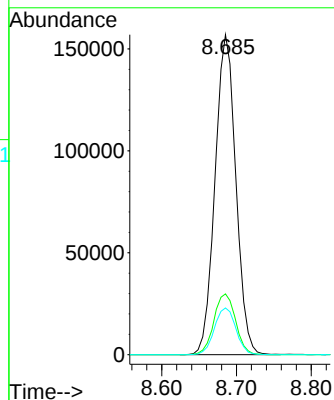
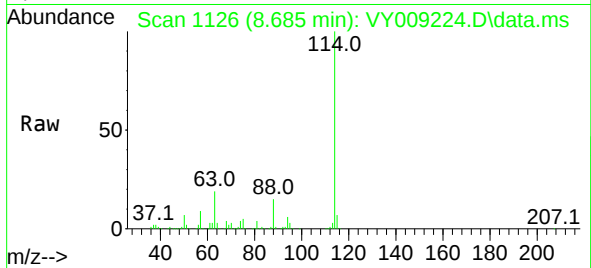




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

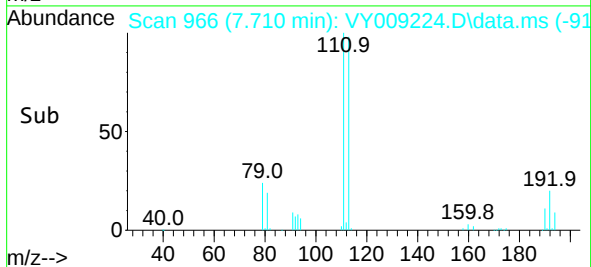
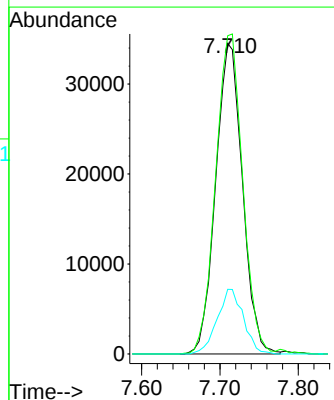
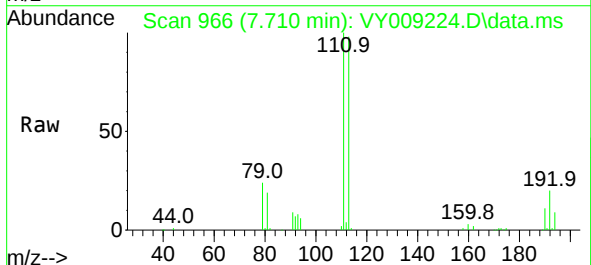
Instrument :
MSVOA_Y
ClientSampleId :

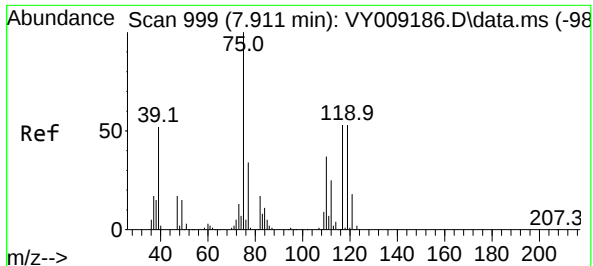
Tgt Ion:114 Resp: 304320
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.866 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Tgt Ion:113 Resp: 81787
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 20.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

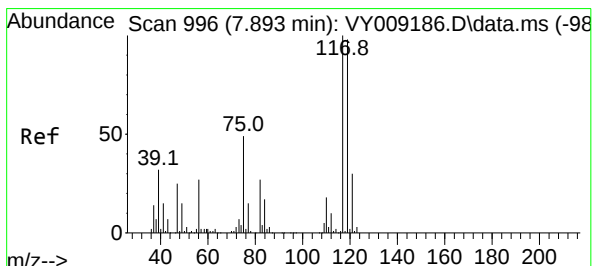
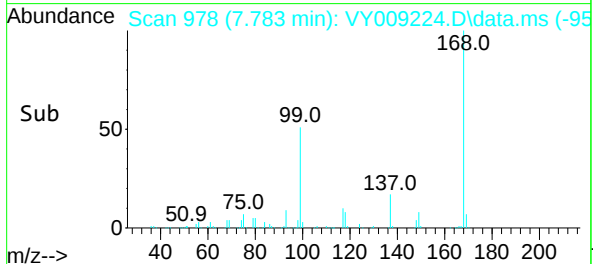
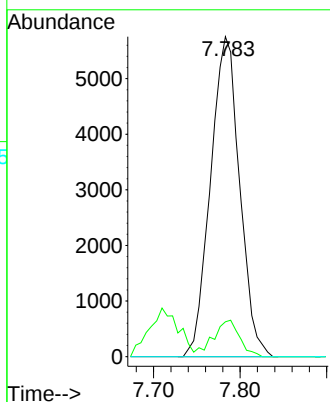
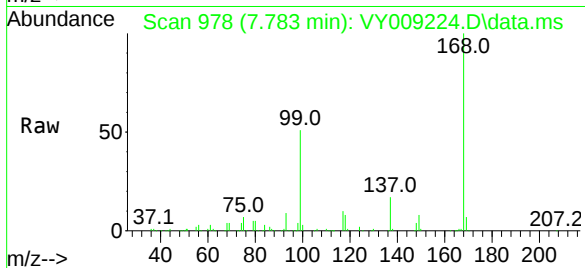
Tgt Ion: 75 Resp: 13432

Ion Ratio Lower Upper

75 100

110 10.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.075 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

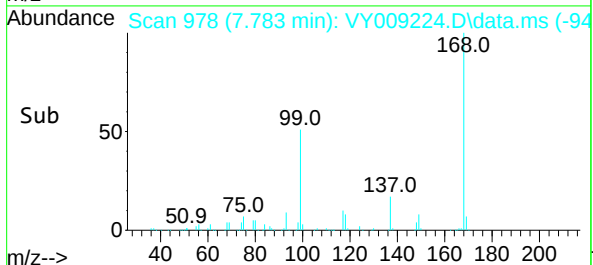
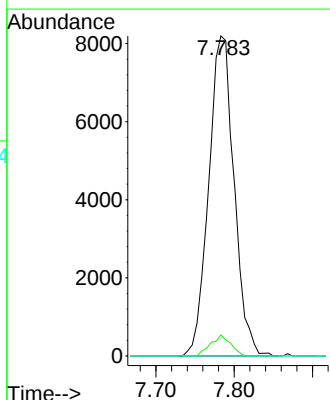
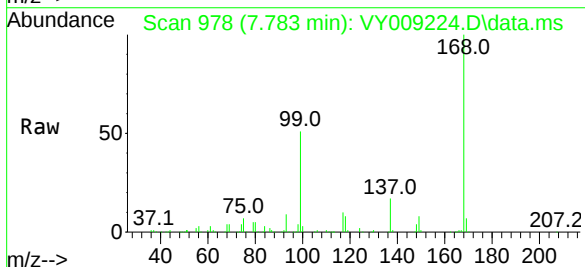
Tgt Ion: 117 Resp: 18438

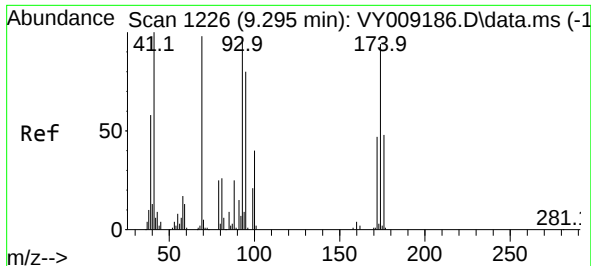
Ion Ratio Lower Upper

117 100

119 6.5 77.9 116.9#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.238 ug/l

RT: 9.094 min Scan# 1193

Delta R.T. -0.201 min

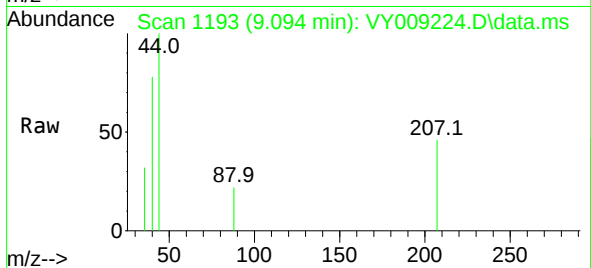
Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :



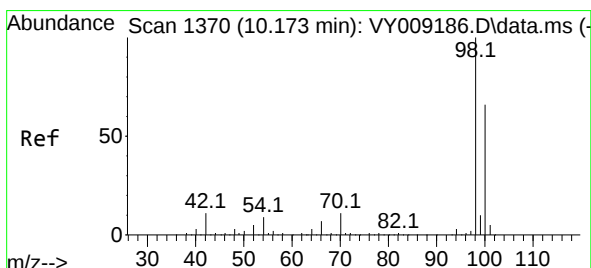
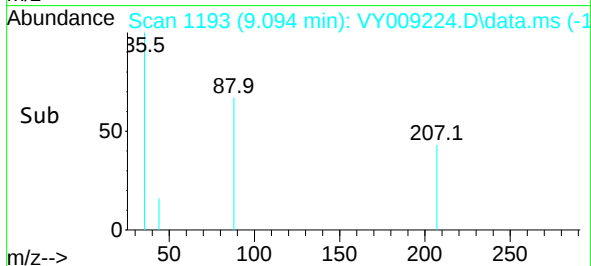
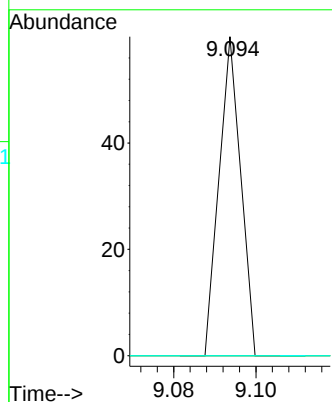
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 32.8 49.2#

58 0.0 59.8 89.6#



#50

Toluene-d8

Concen: 48.845 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009224.D

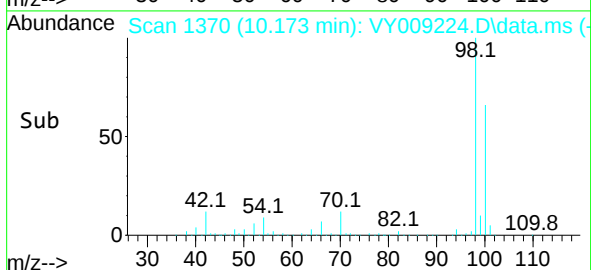
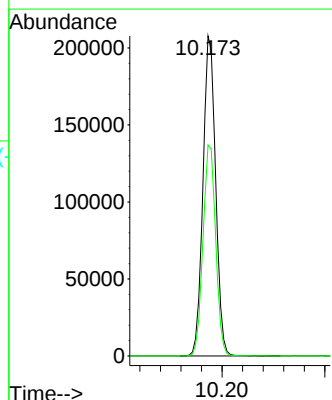
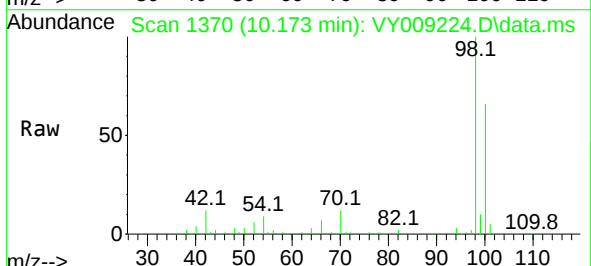
Acq: 17 Jun 2022 14:08

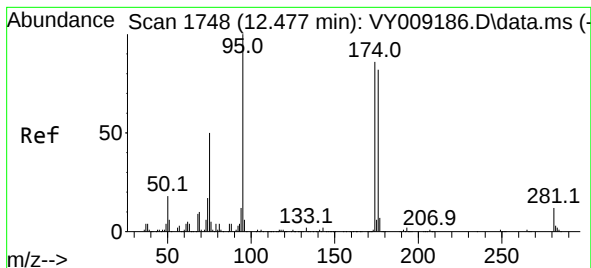
Tgt Ion: 98 Resp: 354760

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.2

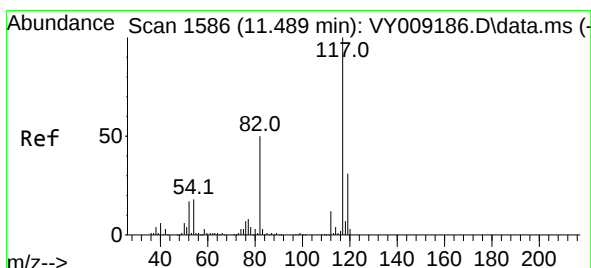
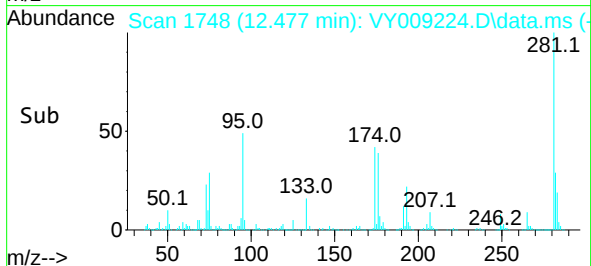
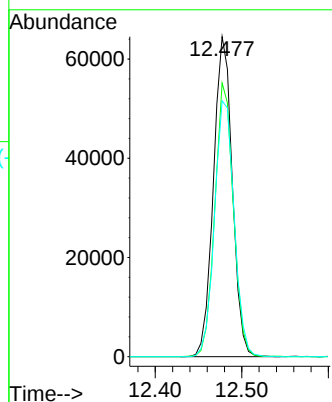
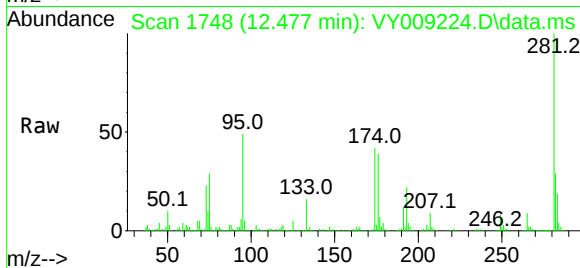




#62
4-Bromofluorobenzene
Concen: 37.758 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

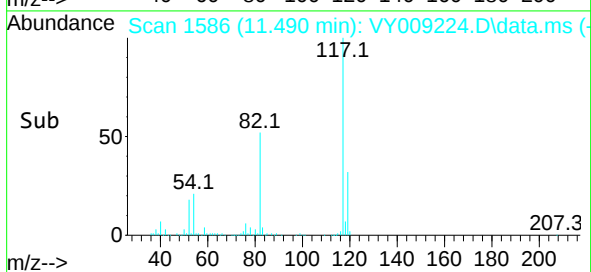
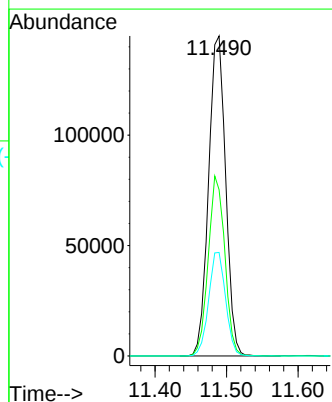
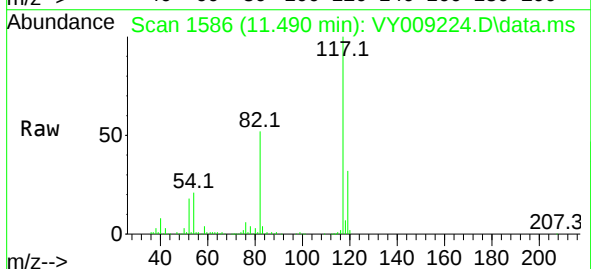
Instrument :
MSVOA_Y
ClientSampleId :

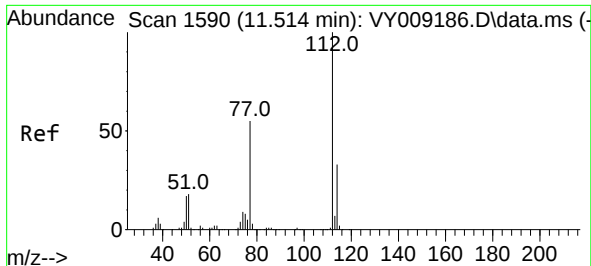
Tgt Ion: 95 Resp: 97451
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 83.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Tgt Ion:117 Resp: 240014
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.4 25.4 38.0

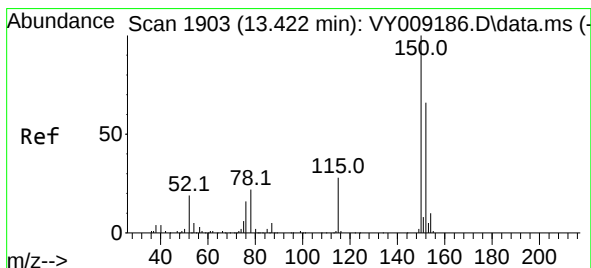
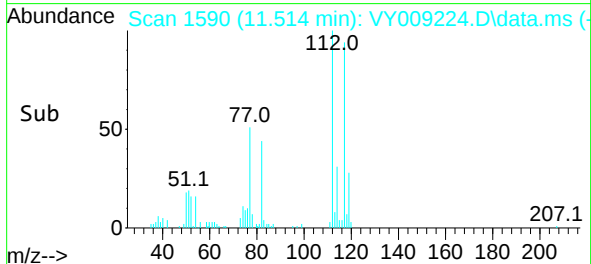
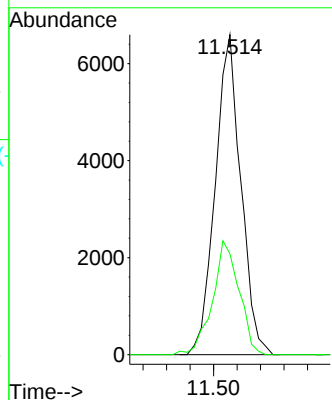
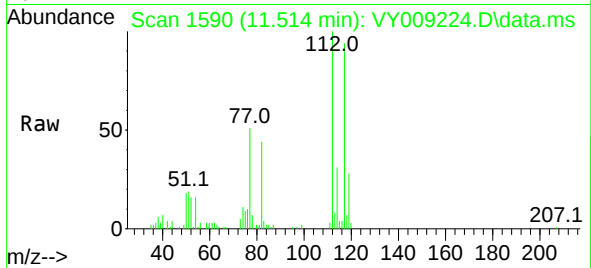




#65
Chlorobenzene
Concen: 1.918 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

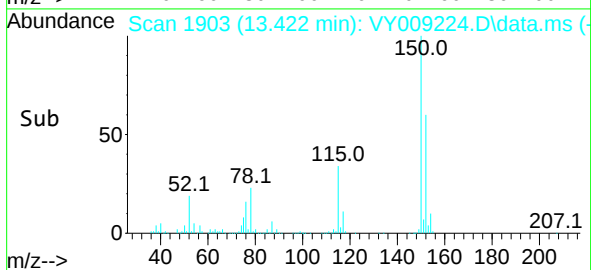
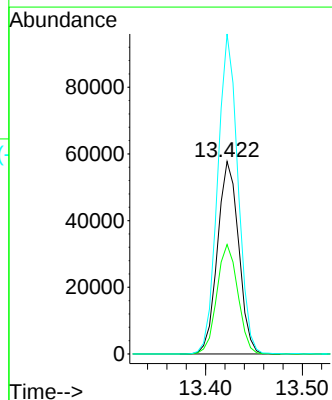
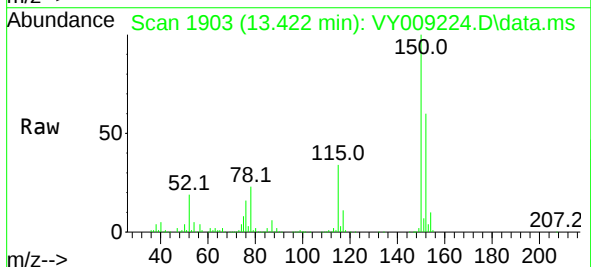
Instrument :
MSVOA_Y
ClientSampleId :

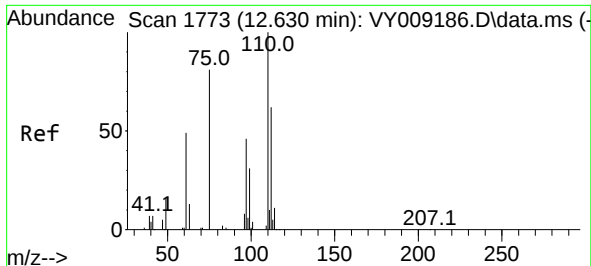
Tgt Ion:112 Resp: 9974
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Tgt Ion:152 Resp: 87835
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 159.0 0.0 347.6

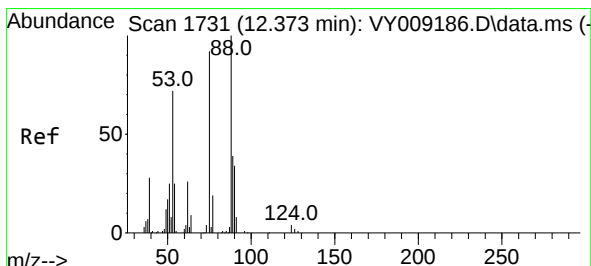
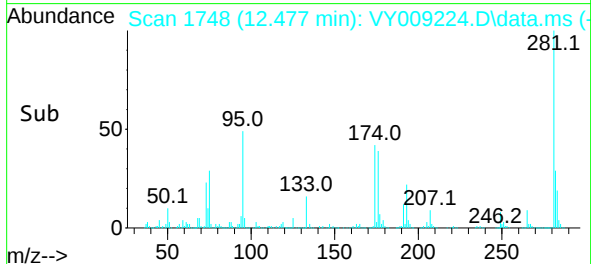
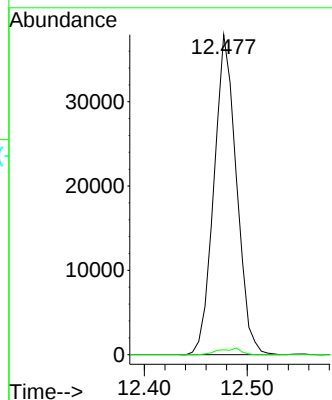
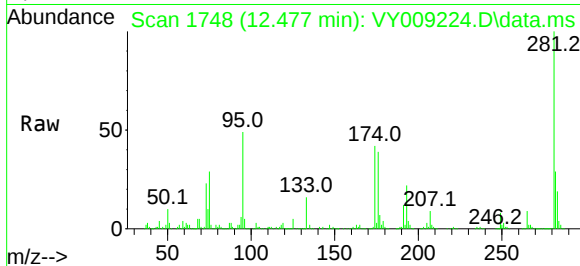




#76
1,2,3-Trichloropropane
Concen: 59.525 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

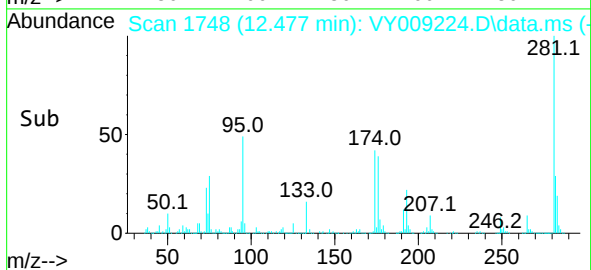
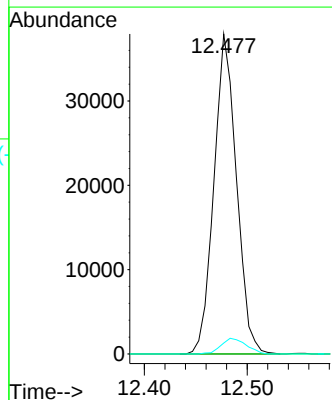
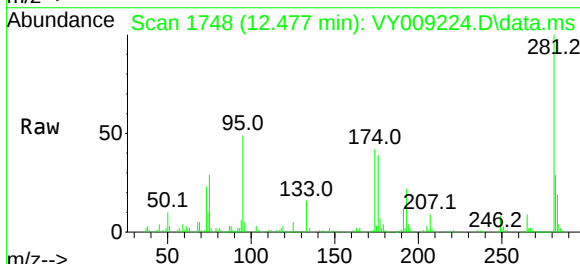
Instrument :
MSVOA_Y
ClientSampleId :

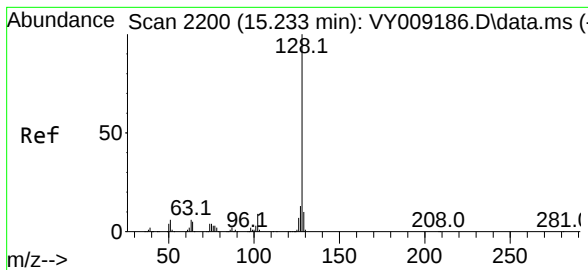
Tgt Ion: 75 Resp: 57730
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.627 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

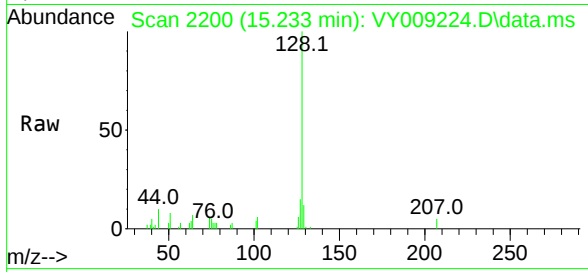
Tgt Ion: 75 Resp: 57730
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 5.5 37.0 55.4#





#95
Naphthalene
Concen: 2.145 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	7969
Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.6	8.4	12.6

