

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009203.D
 Acq On : 16 Jun 2022 15:28
 Operator : KP/MD
 Sample : N3367-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 02:26:57 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)

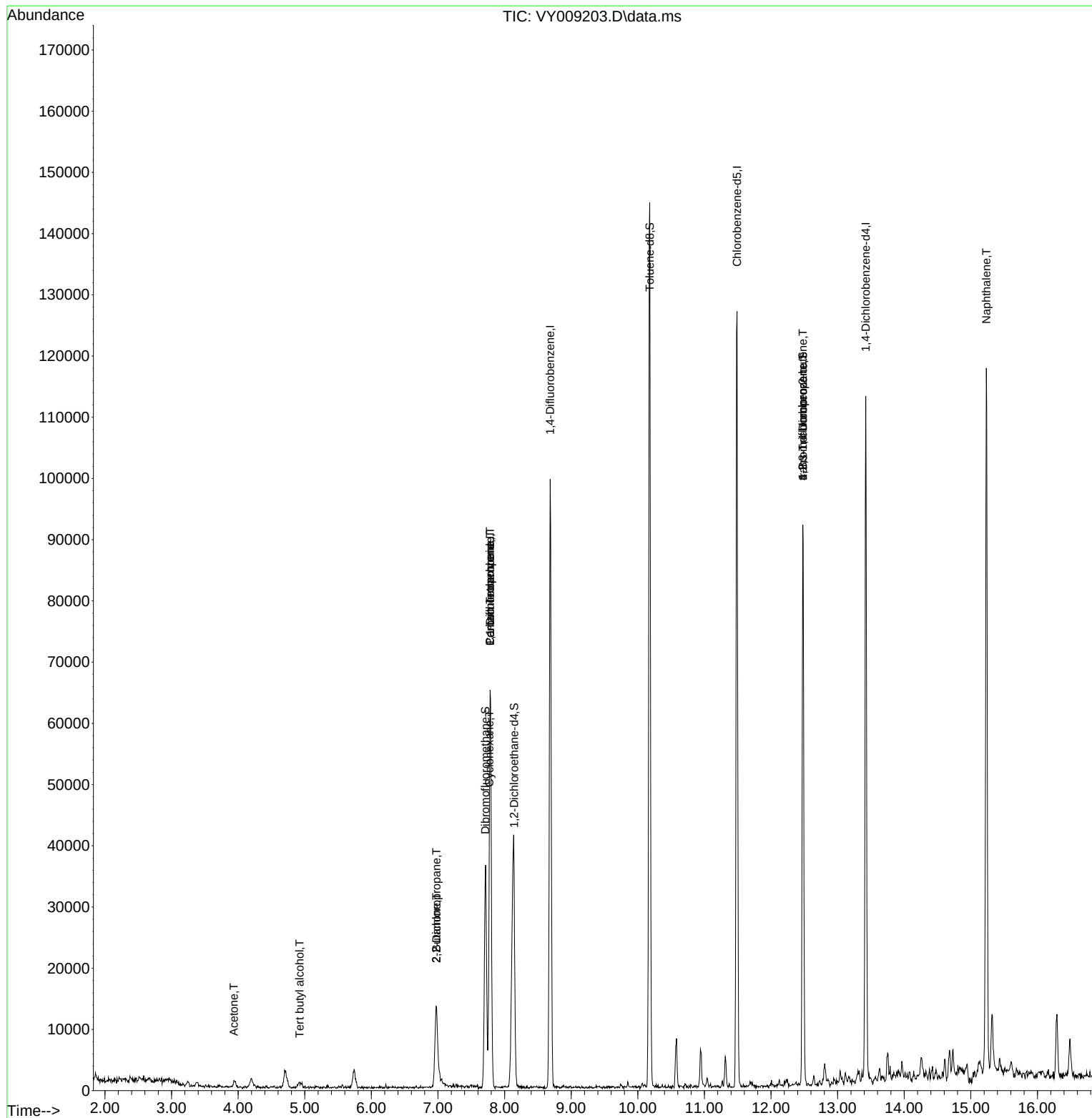
Internal Standards						
1) Pentafluorobenzene	7.783	168	51342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24211	45.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.280%
35) Dibromofluoromethane	7.710	113	24447	46.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.920%
50) Toluene-d8	10.179	98	96288	48.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.477	95	27048	38.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	776	9.120	ug/l #	77
16) Acetone	3.936	43	1206	8.927	ug/l #	80
18) Methyl Acetate	4.375	43	23	Below Cal	#	56
25) 2-Butanone	6.978	43	1041	4.870	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	1145	1.258	ug/l #	55
31) Cyclohexane	7.771	56	1151	1.198	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	4070	5.082	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5132	6.197	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14314	45.397	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14314	90.471	ug/l #	7
95) Naphthalene	15.233	128	97623	80.832	ug/l	97

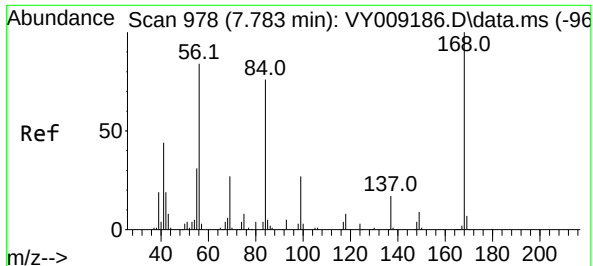
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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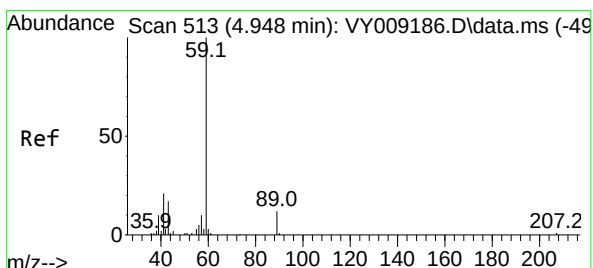
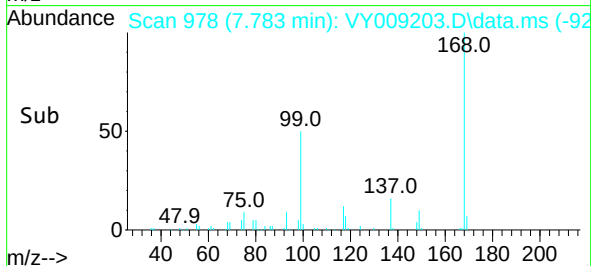
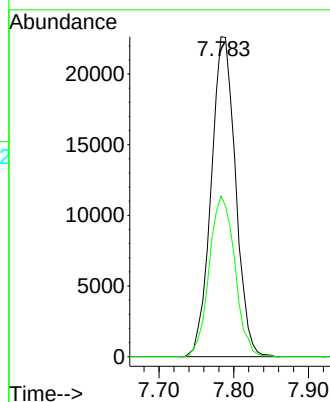
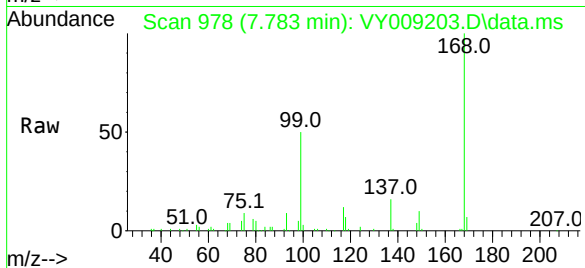




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

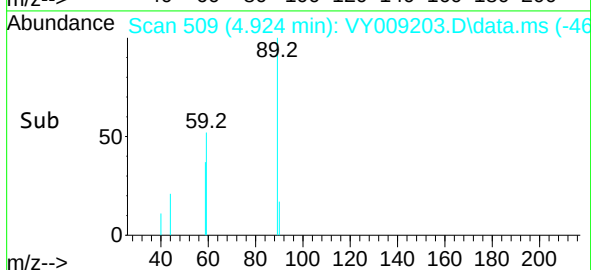
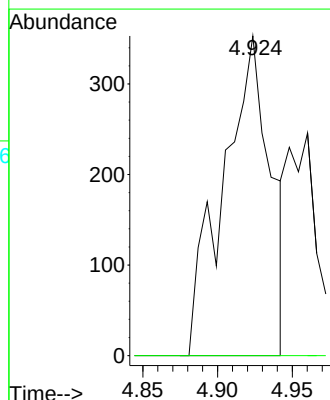
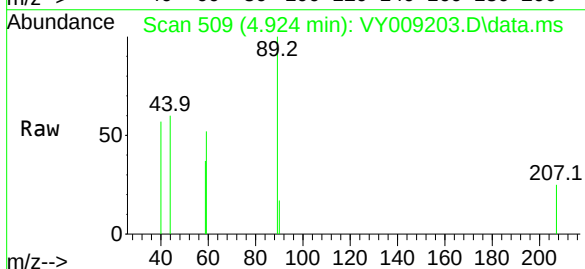
Instrument :
MSVOA_Y
ClientSampleId :

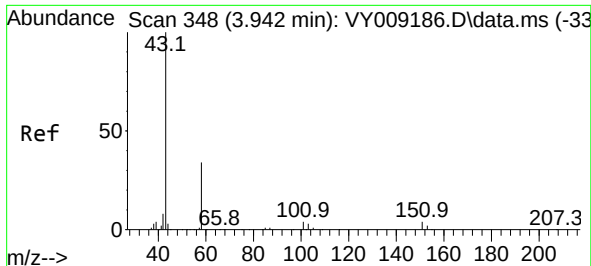
Tgt Ion:168 Resp: 51342
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 9.120 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

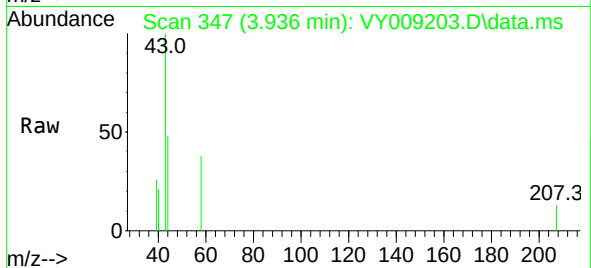
Tgt Ion: 59 Resp: 776
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



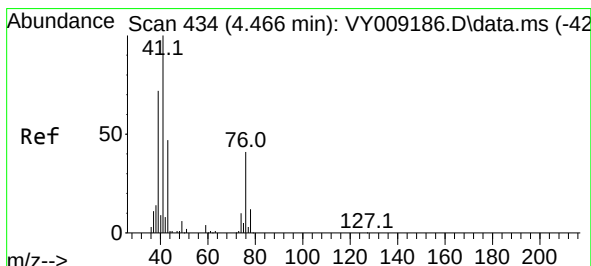
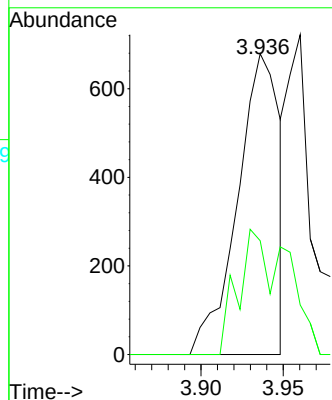
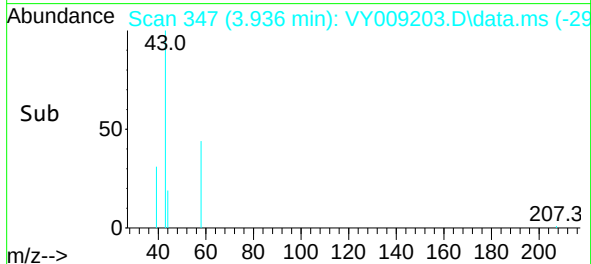


#16
Acetone
Concen: 8.927 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :

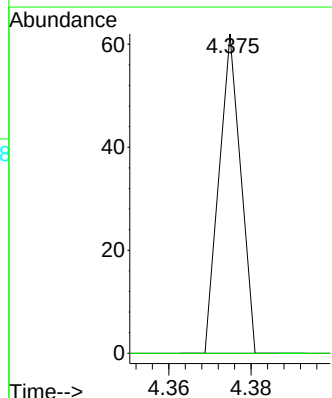
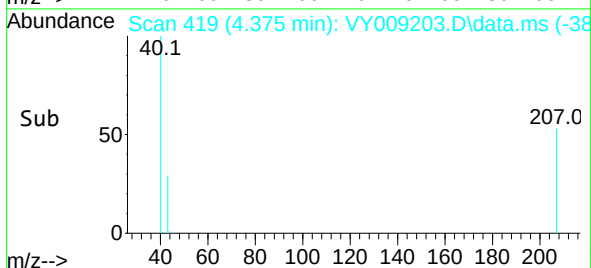
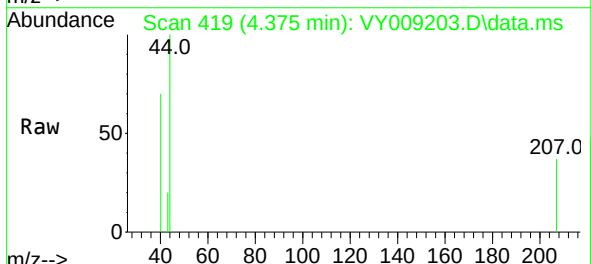


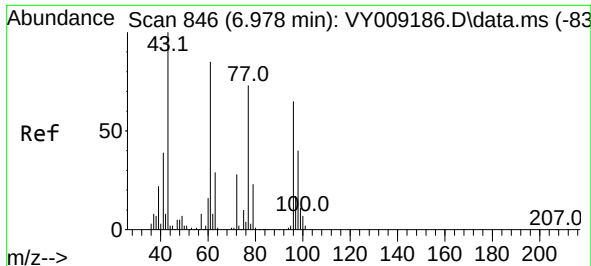
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
58 37.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.375 min Scan# 419
Delta R.T. -0.091 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#25

2-Butanone

Concen: 4.870 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

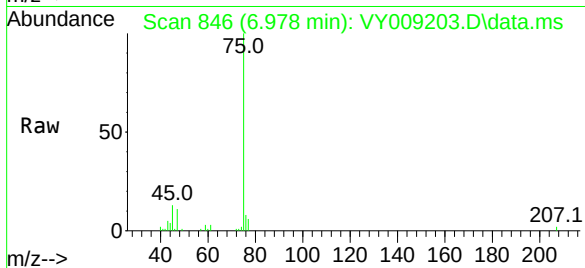
Lab File: VY009203.D

Acq: 16 Jun 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

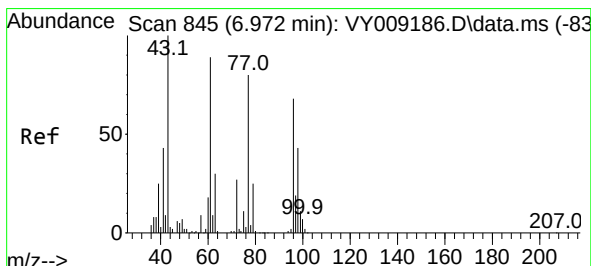
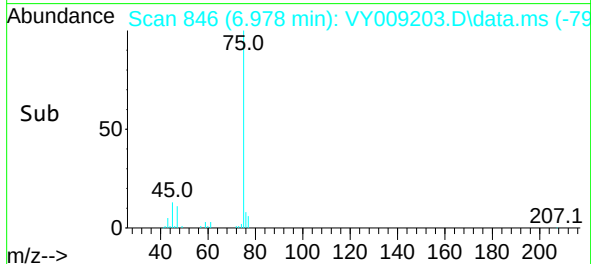
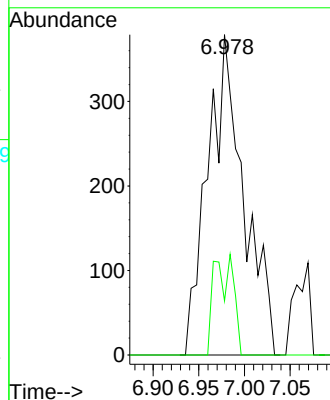


Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

72 16.9 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.258 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009203.D

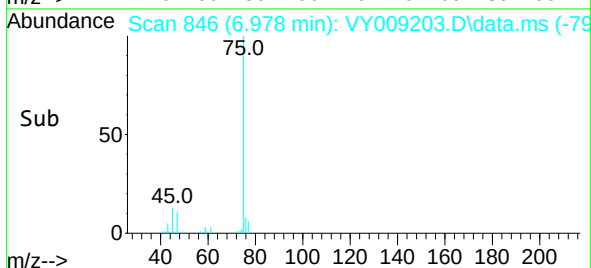
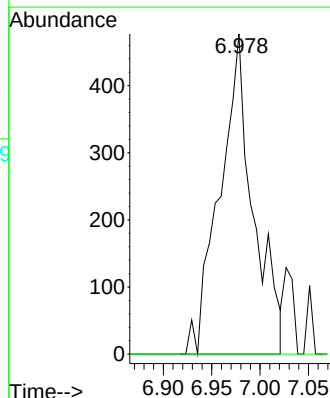
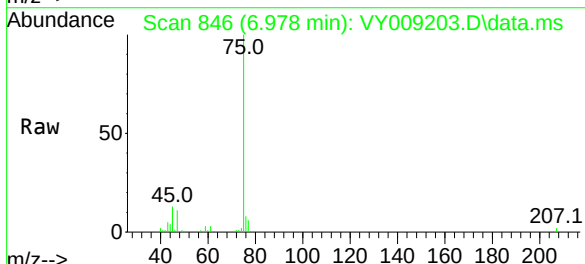
Acq: 16 Jun 2022 15:28

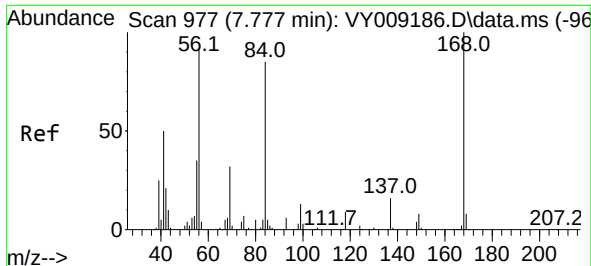
Tgt Ion: 77 Resp: 1145

Ion Ratio Lower Upper

77 100

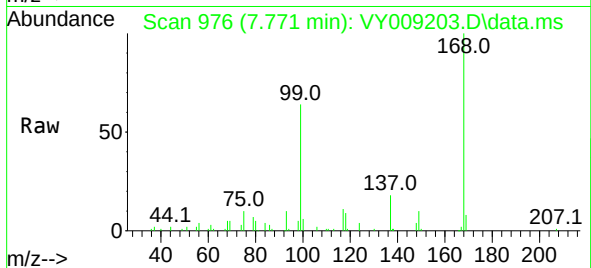
97 0.0 10.4 31.4#



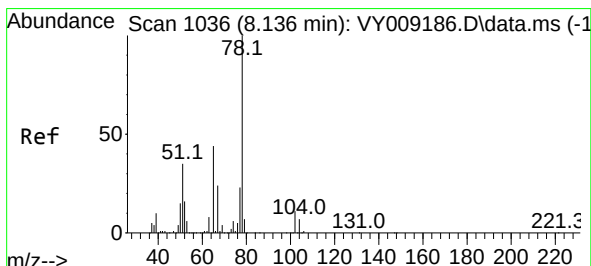
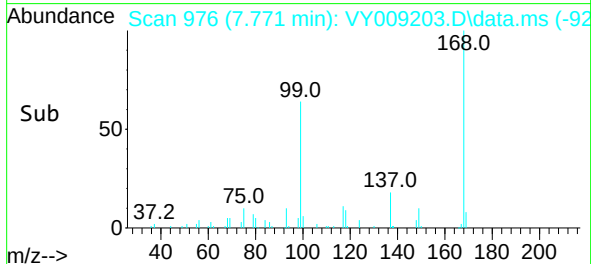
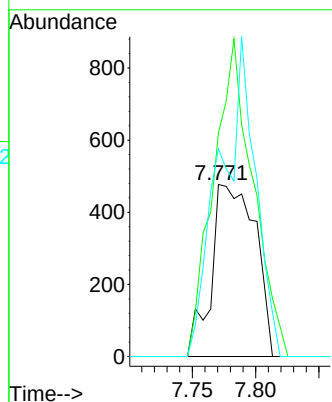


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :

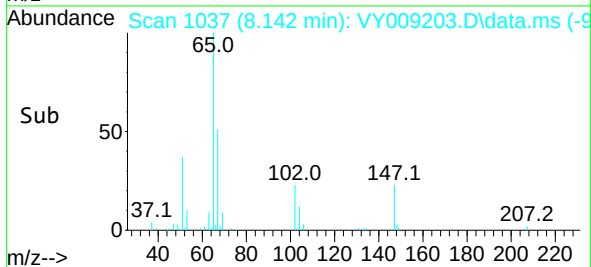
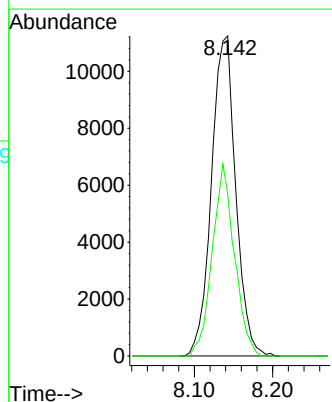
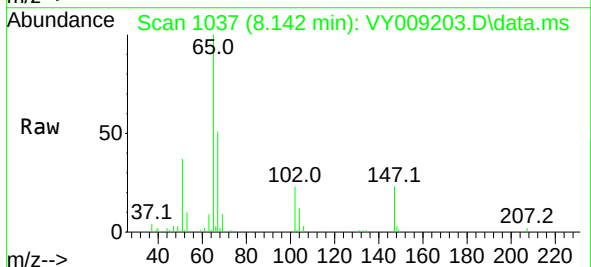


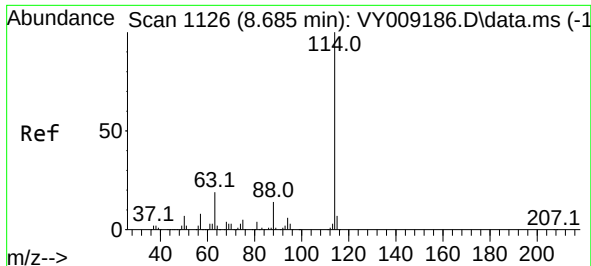
Tgt Ion: 56 Resp: 1151
Ion Ratio Lower Upper
56 100
69 130.2 26.7 40.1#
84 120.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 45.143 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Tgt Ion: 65 Resp: 24211
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

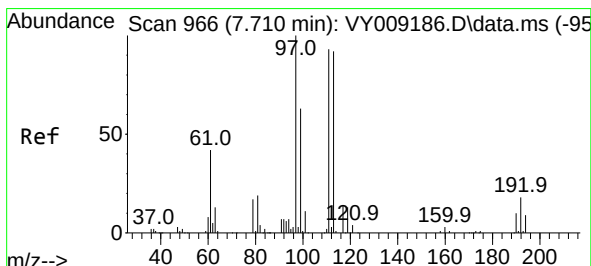
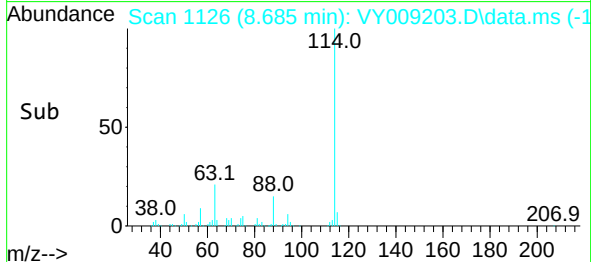
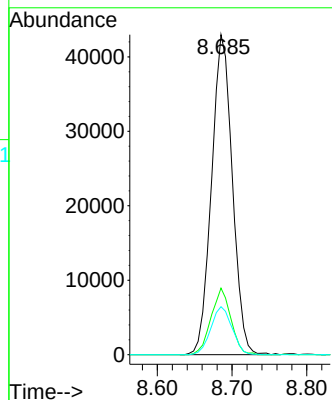
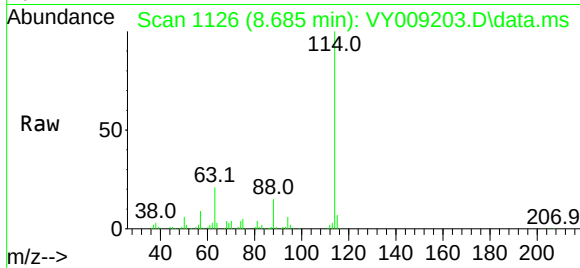




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

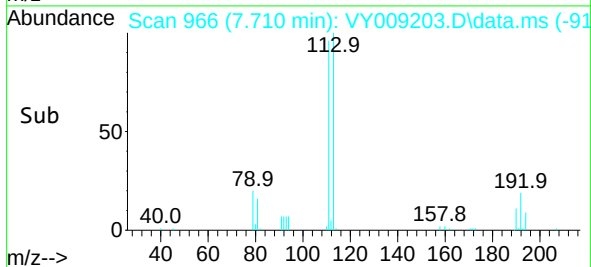
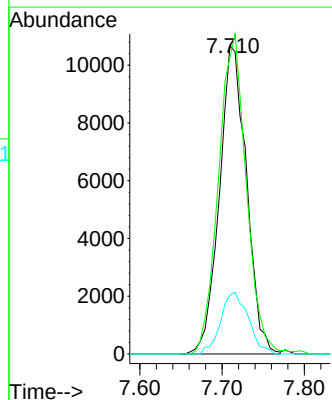
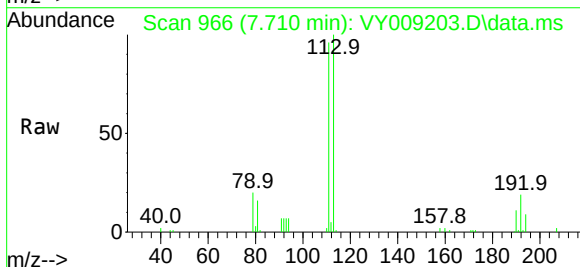
Instrument :
MSVOA_Y
ClientSampleId :

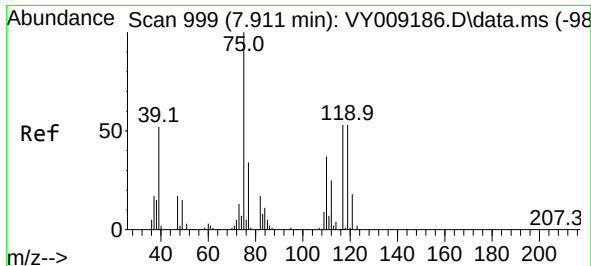
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.956 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.5	82.6	124.0
192	20.4	17.6	26.4

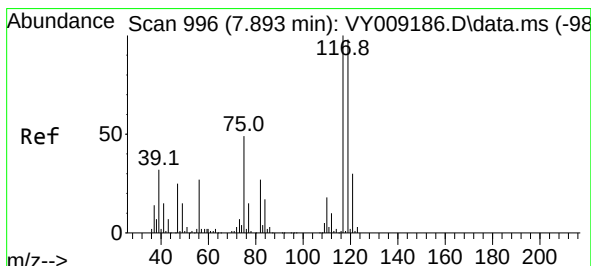
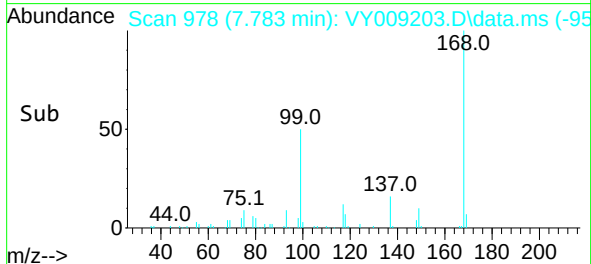
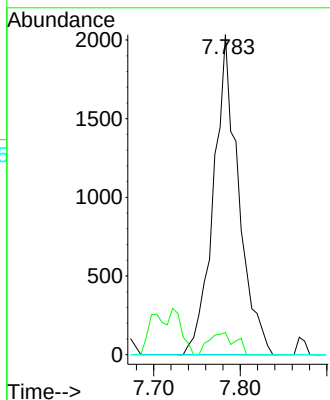
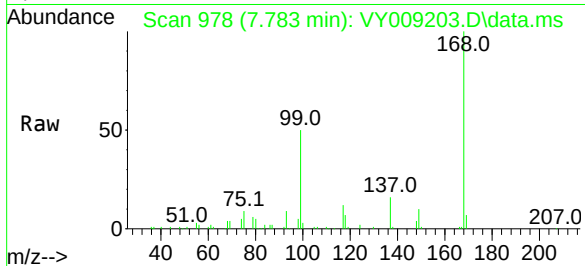




#36
1,1-Dichloropropene
Concen: 5.082 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

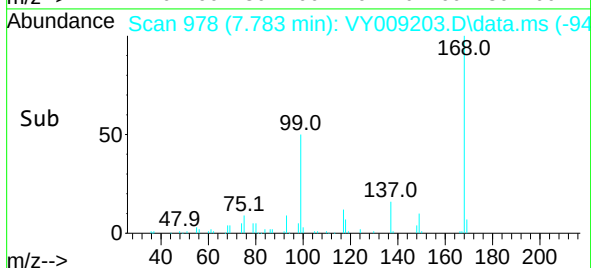
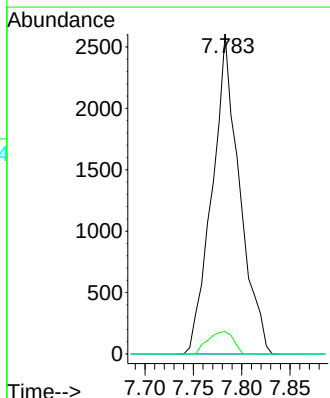
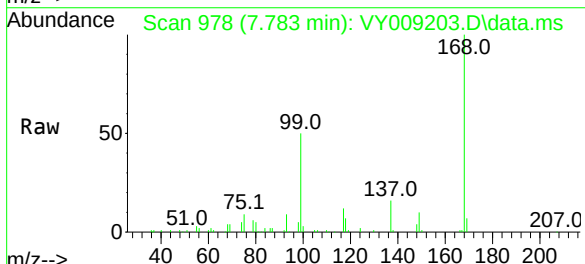
Instrument :
MSVOA_Y
ClientSampleId :

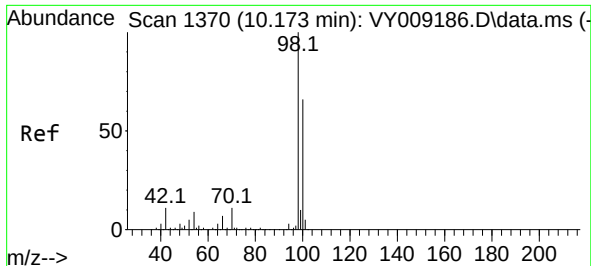
Tgt Ion: 75 Resp: 4070
Ion Ratio Lower Upper
75 100
110 7.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.197 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Tgt Ion: 117 Resp: 5132
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#

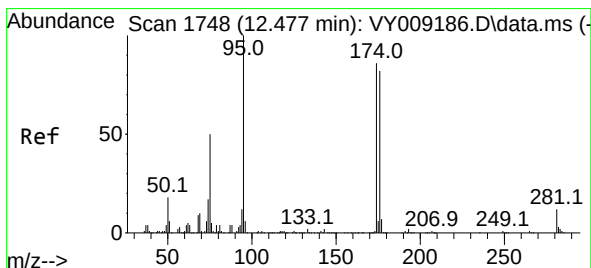
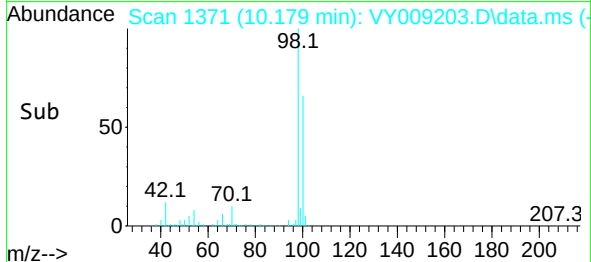
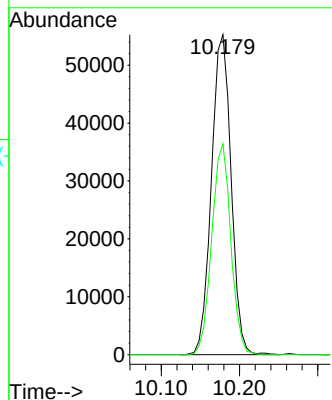
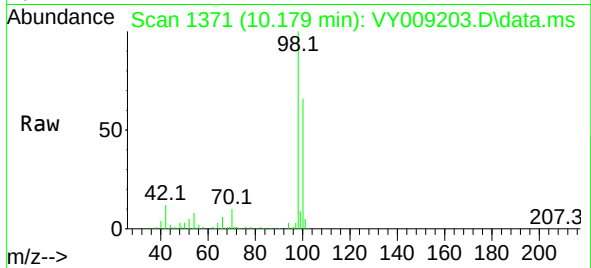




#50
Toluene-d8
Concen: 48.585 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

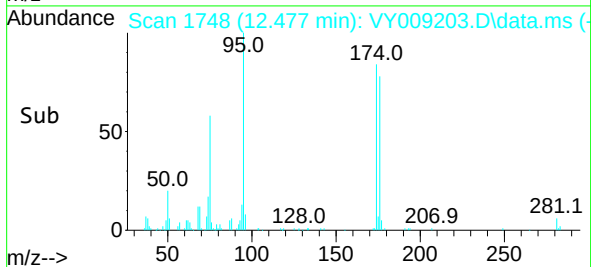
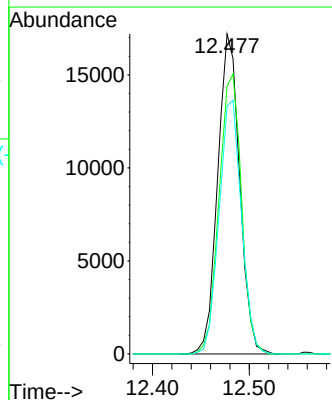
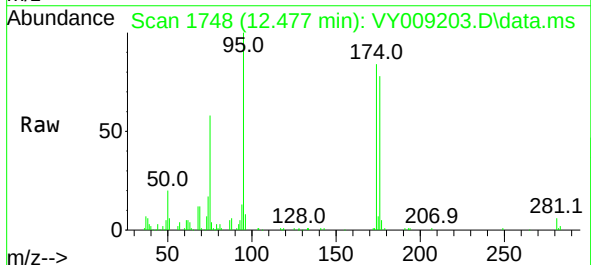
Instrument :
MSVOA_Y
ClientSampleId :

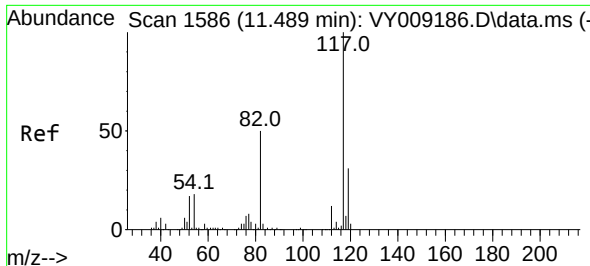
Tgt Ion: 98 Resp: 96288
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.406 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Tgt Ion: 95 Resp: 27048
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 81.0 0.0 175.8

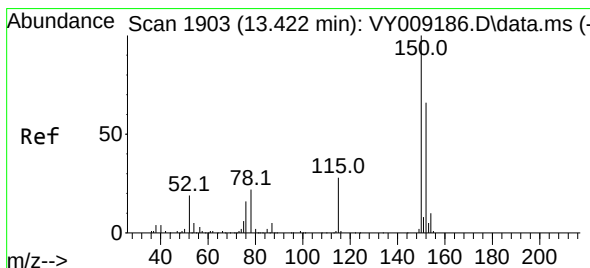
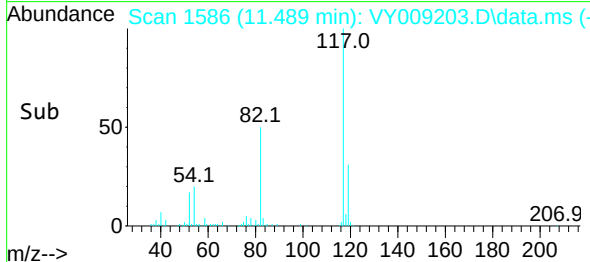
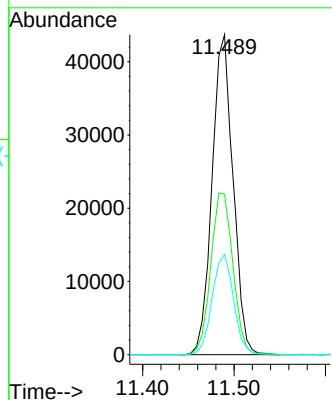
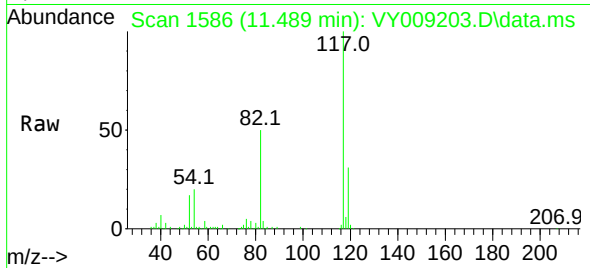




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

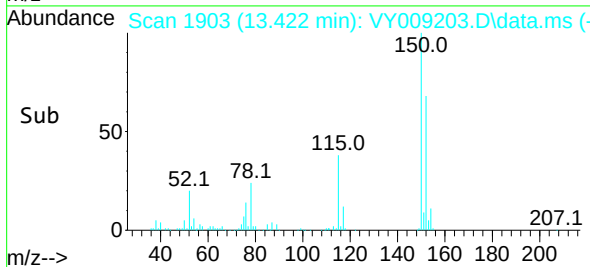
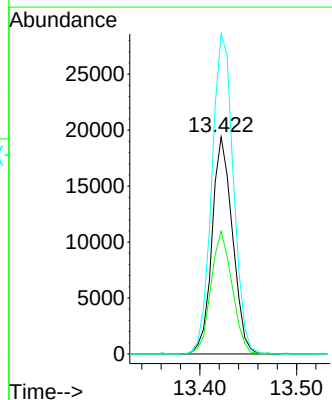
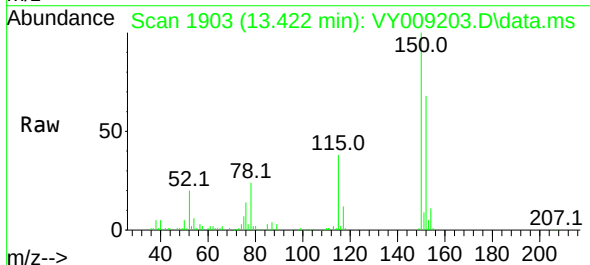
Instrument :
MSVOA_Y
ClientSampleId :

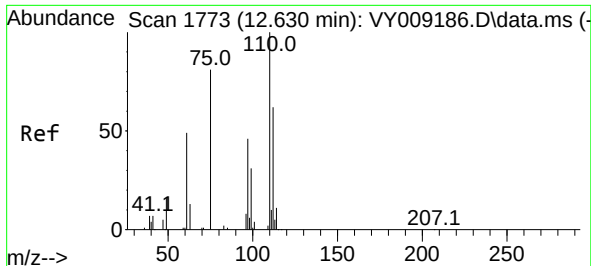
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.0	64.4
119	31.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	154.9	0.0	347.6

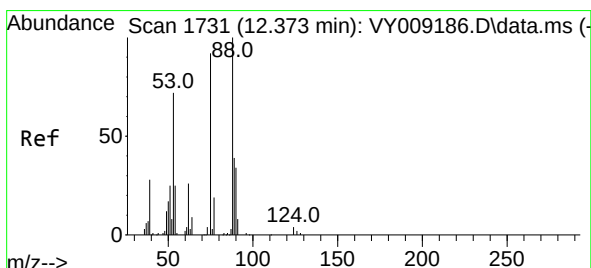
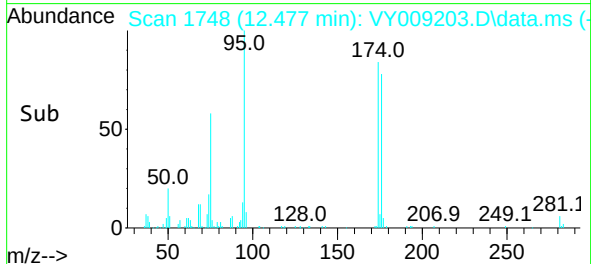
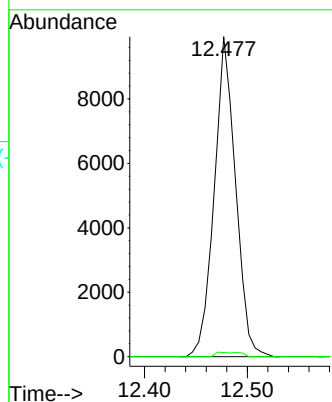
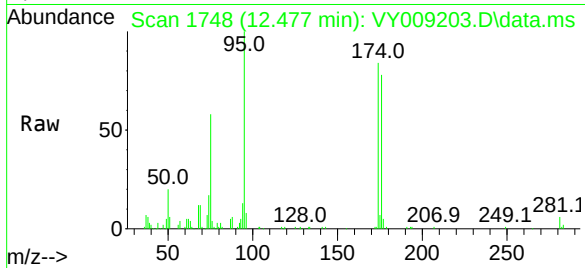




#76
1,2,3-Trichloropropane
Concen: 45.397 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

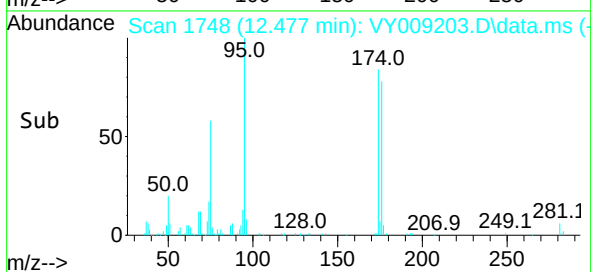
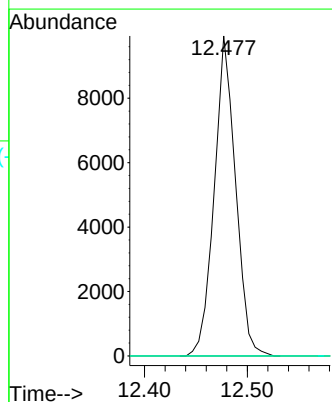
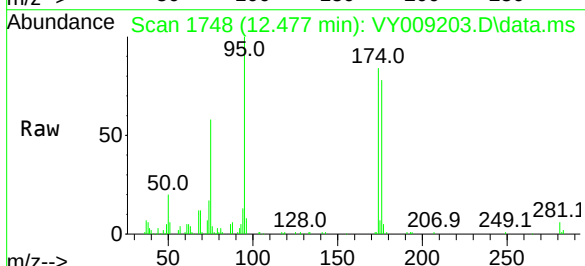
Instrument :
MSVOA_Y
ClientSampleId :

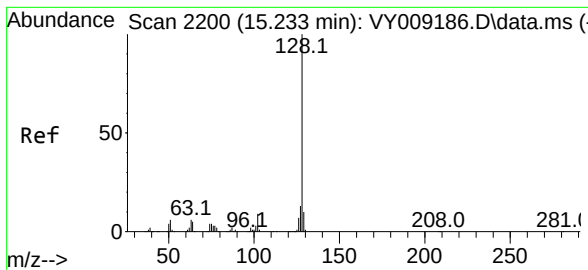
Tgt Ion: 75 Resp: 14314
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.471 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009203.D
Acq: 16 Jun 2022 15:28

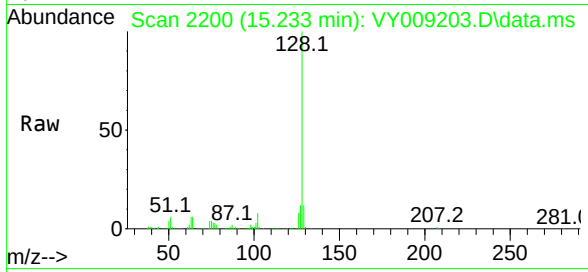
Tgt Ion: 75 Resp: 14314
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
 Naphthalene
 Concen: 80.832 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY009203.D
 Acq: 16 Jun 2022 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	97623
Ion	Ratio	Lower	Upper
128	100		
127	12.4	11.0	16.4
129	11.3	8.4	12.6

