

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009201.D
 Acq On : 16 Jun 2022 14:41
 Operator : KP/MD
 Sample : N3348-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 02:26:34 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)

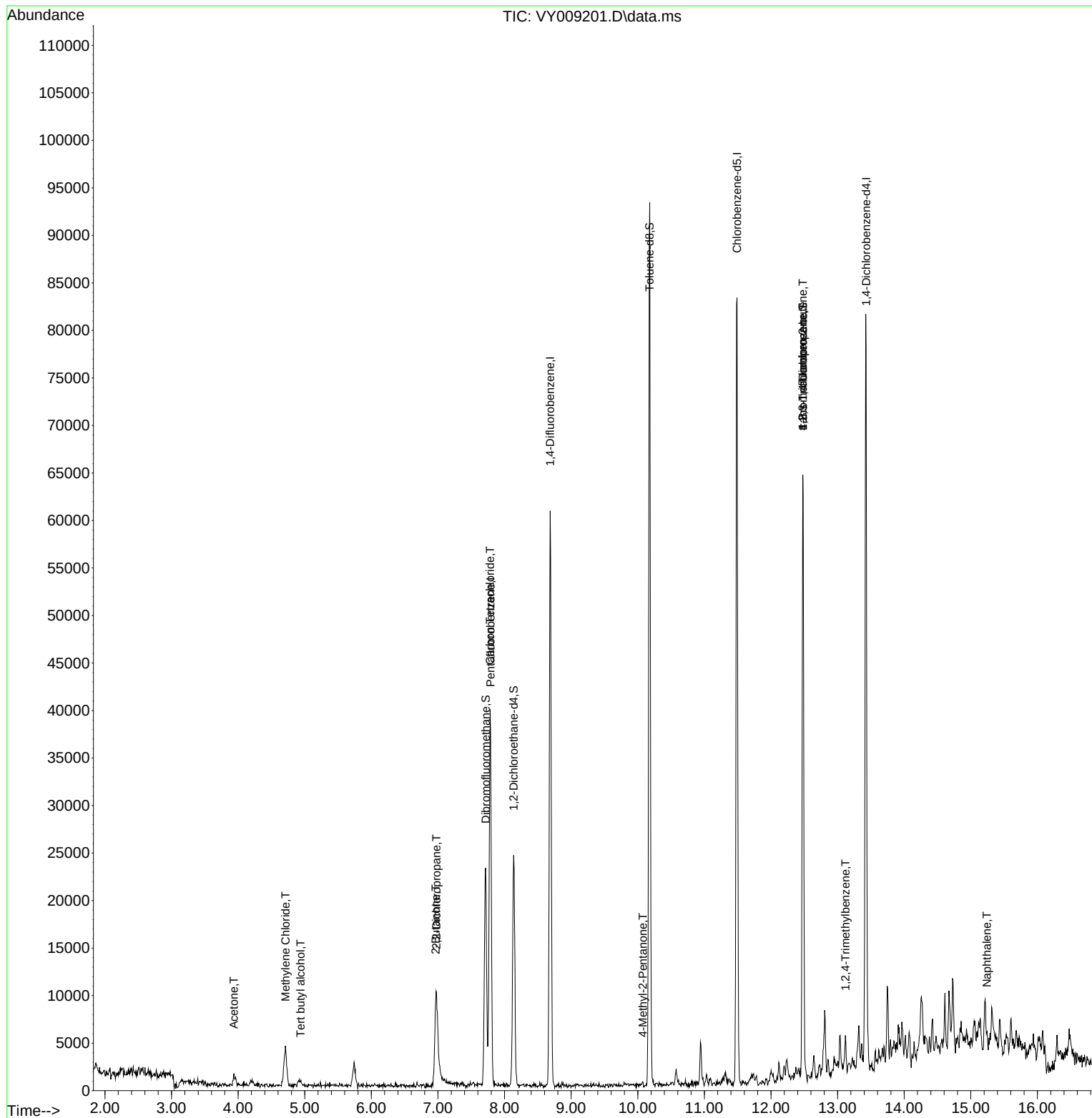
Internal Standards						
1) Pentafluorobenzene	7.789	168	31032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	45864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19387	59.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.620%	
35) Dibromofluoromethane	7.716	113	16630	50.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.300%	
50) Toluene-d8	10.179	98	60161	48.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.280%	
62) 4-Bromofluorobenzene	12.477	95	19919	44.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	361	7.020	ug/l #	77
16) Acetone	3.936	43	943	11.549	ug/l #	50
18) Methyl Acetate	4.637	43	24	Below Cal	#	56
20) Methylene Chloride	4.710	84	3317	6.523	ug/l #	79
25) 2-Butanone	6.966	43	725	5.611	ug/l #	54
26) 2,2-Dichloropropane	6.978	77	845	1.536	ug/l #	55
38) Carbon Tetrachloride	7.783	117	2911	5.574	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	319	1.091	ug/l #	62
76) 1,2,3-Trichloropropane	12.477	75	9350	40.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9350	80.192	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	1683	1.295	ug/l	91
95) Naphthalene	15.239	128	1254	1.409	ug/l #	97

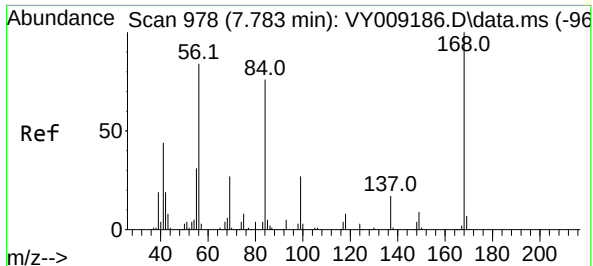
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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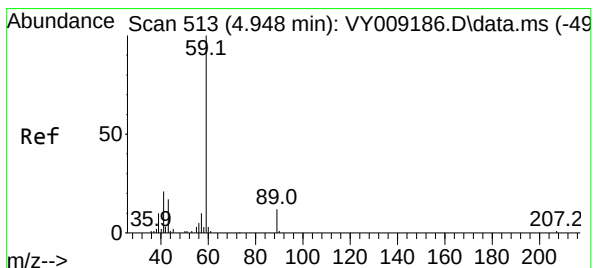
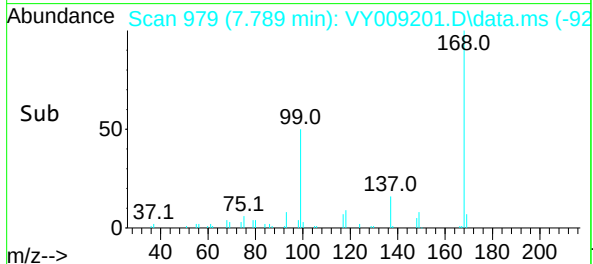
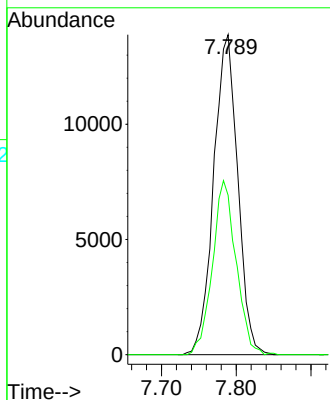
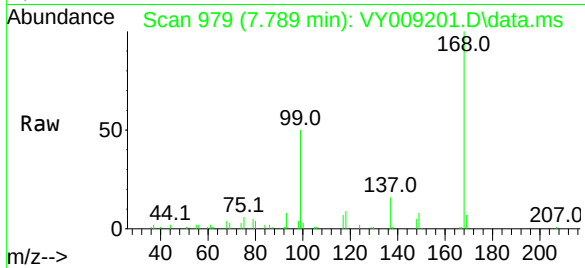




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

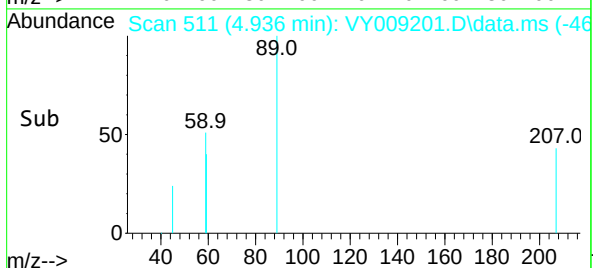
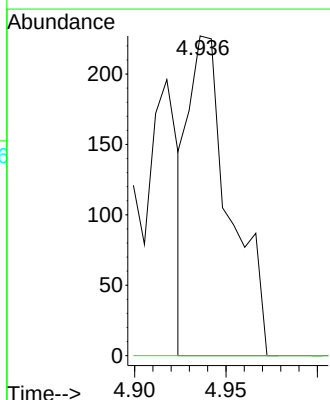
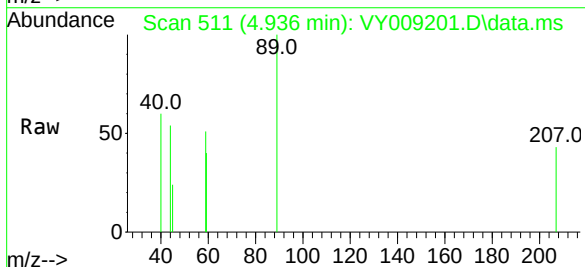
Instrument :
MSVOA_Y
ClientSampleId :

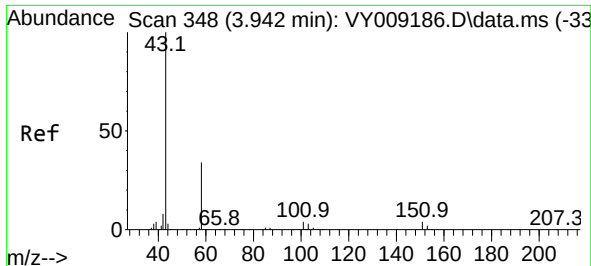
Tgt Ion:168 Resp: 31032
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.020 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

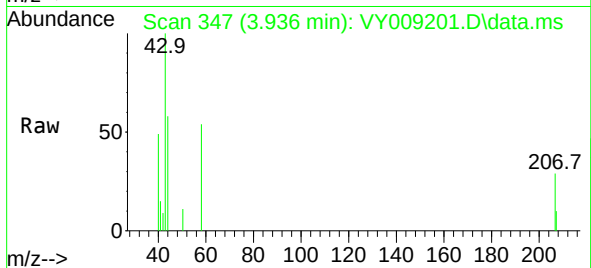
Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



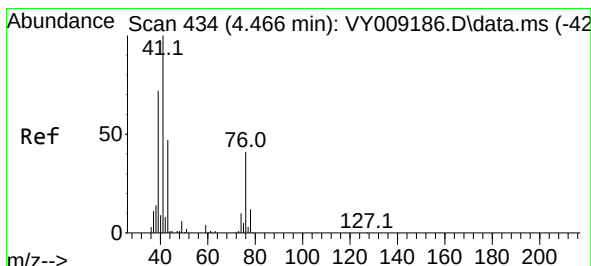
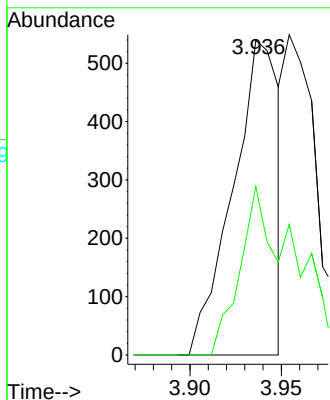
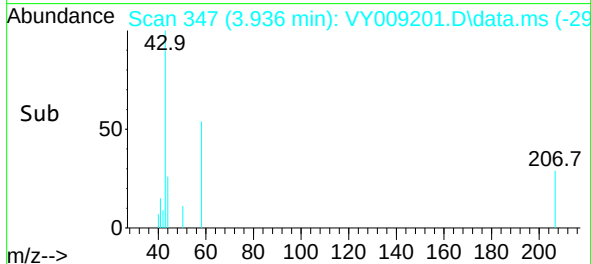


#16
Acetone
Concen: 11.549 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Instrument :
MSVOA_Y
ClientSampleId :

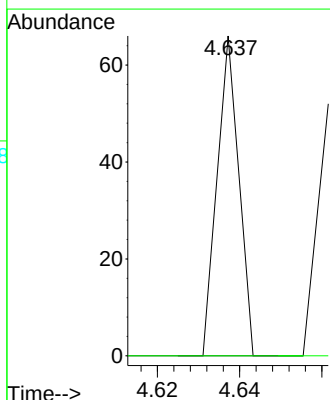
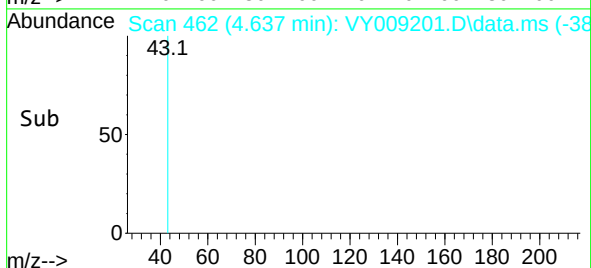
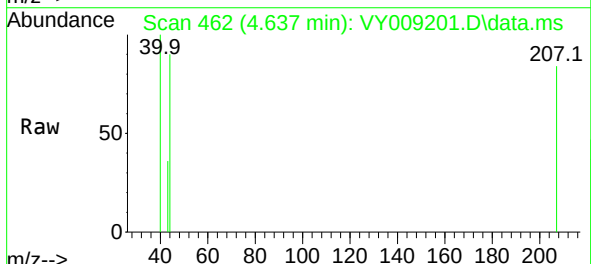


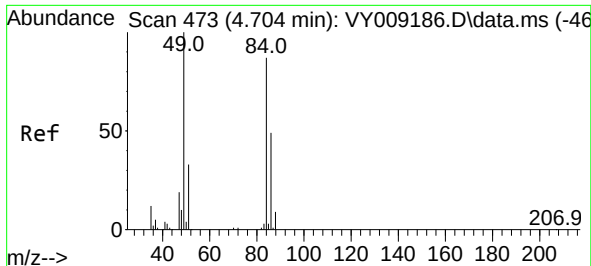
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 53.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.637 min Scan# 462
Delta R.T. 0.171 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

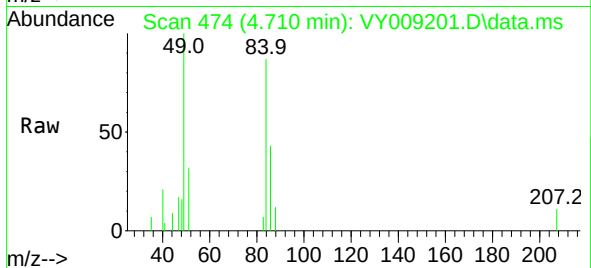
Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



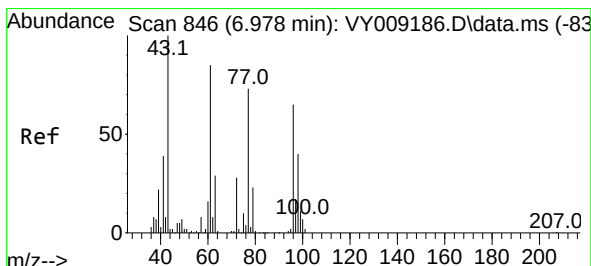
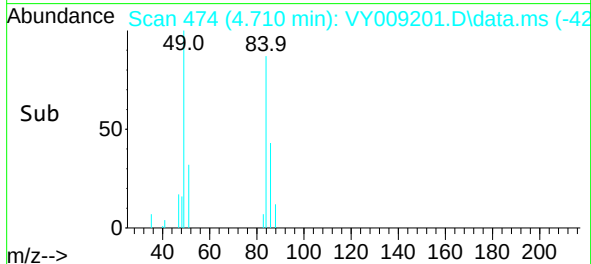
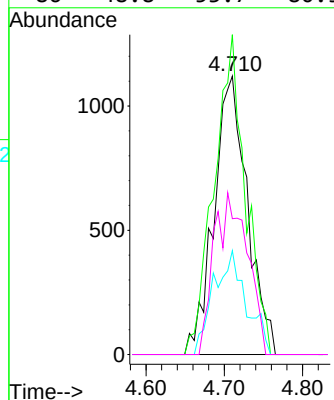


#20
Methylene Chloride
Concen: 6.523 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Instrument :
MSVOA_Y
ClientSampleId :

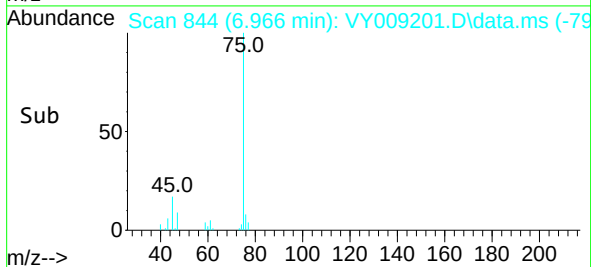
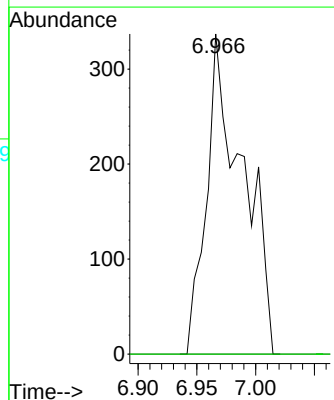
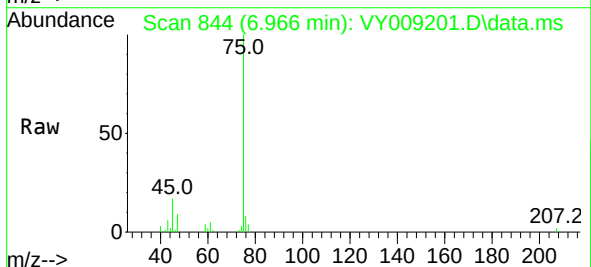


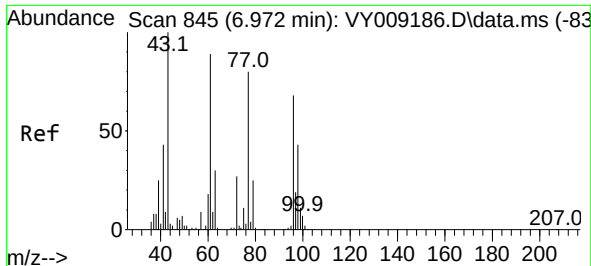
Tgt Ion: 84 Resp: 3317
Ion Ratio Lower Upper
84 100
49 114.9 114.4 171.6
51 37.3 35.3 52.9
86 48.8 53.7 80.5#



#25
2-Butanone
Concen: 5.611 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.536 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

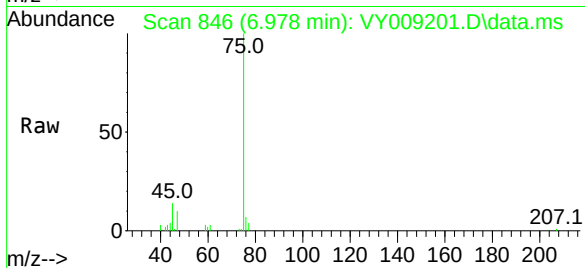
Lab File: VY009201.D

Acq: 16 Jun 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

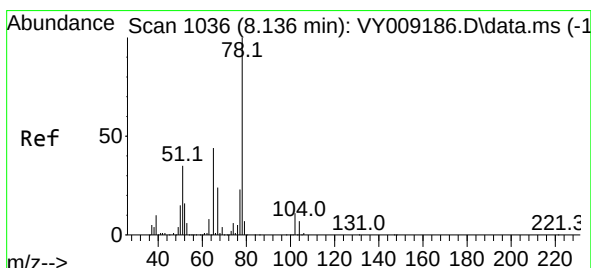
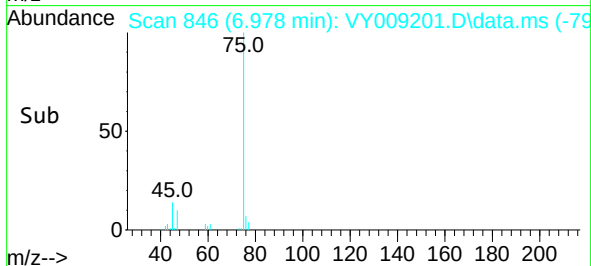
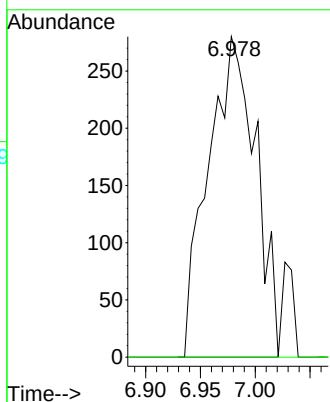


Tgt Ion: 77 Resp: 845

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#33

1,2-Dichloroethane-d4

Concen: 59.807 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009201.D

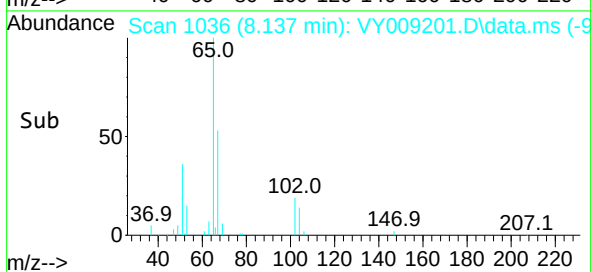
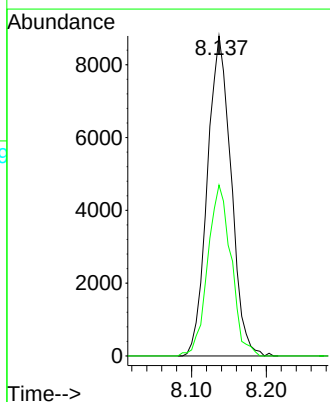
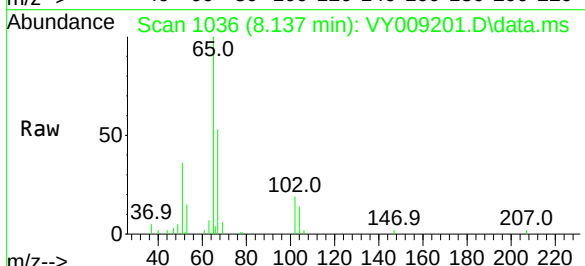
Acq: 16 Jun 2022 14:41

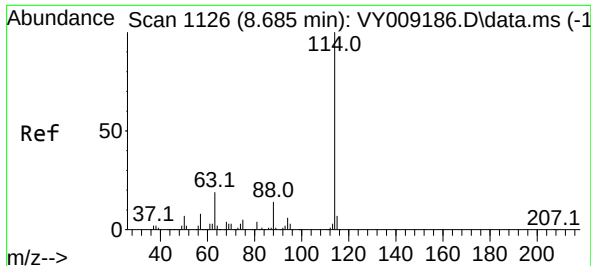
Tgt Ion: 65 Resp: 19387

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: VY009201.D

Acq: 16 Jun 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

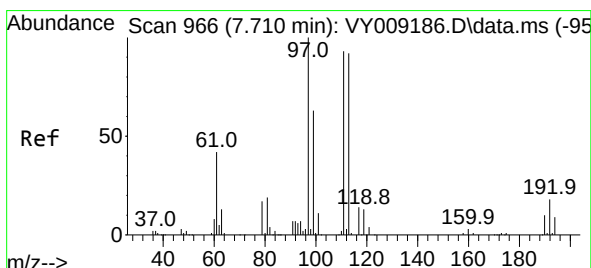
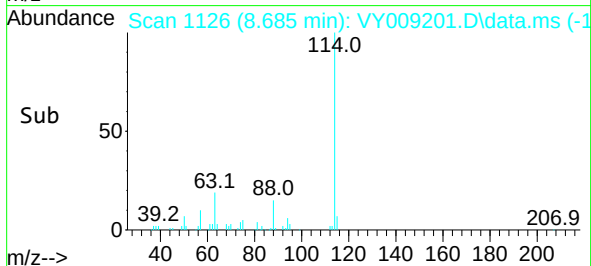
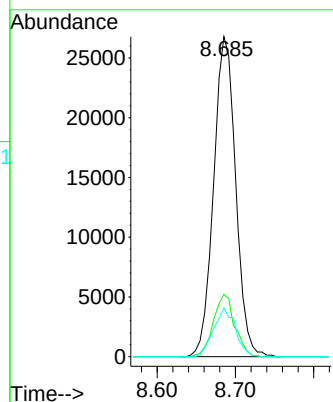
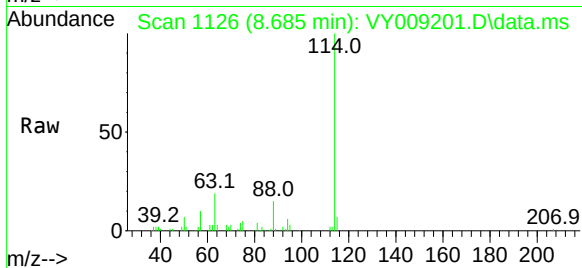
Tgt Ion:114 Resp: 52367

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.651 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009201.D

Acq: 16 Jun 2022 14:41

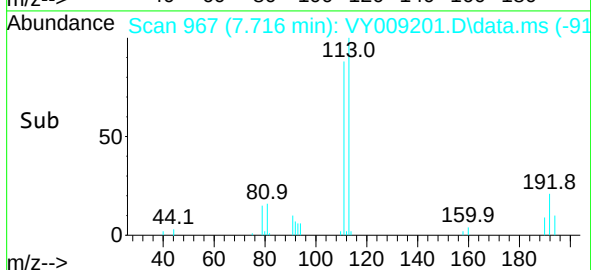
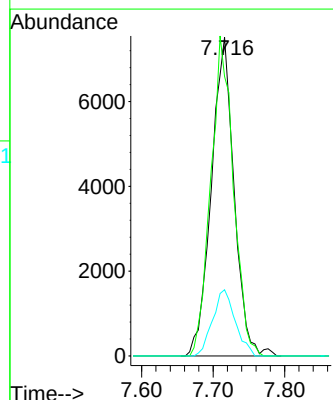
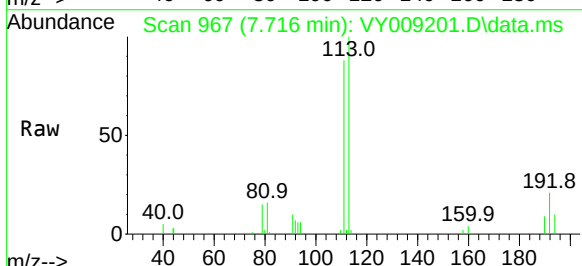
Tgt Ion:113 Resp: 16630

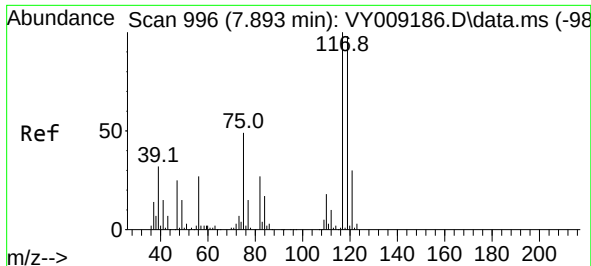
Ion Ratio Lower Upper

113 100

111 99.6 82.6 124.0

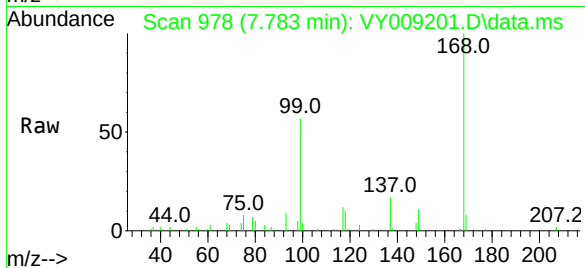
192 20.6 17.6 26.4



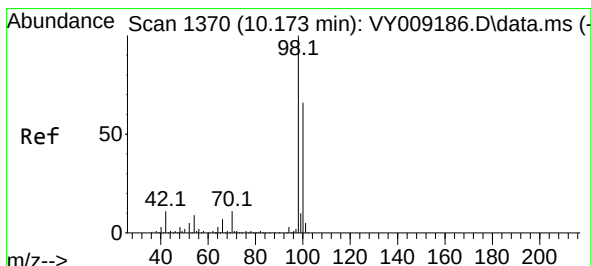
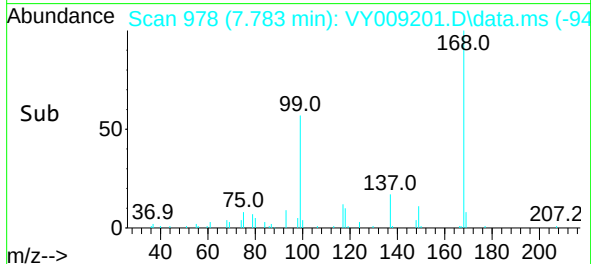
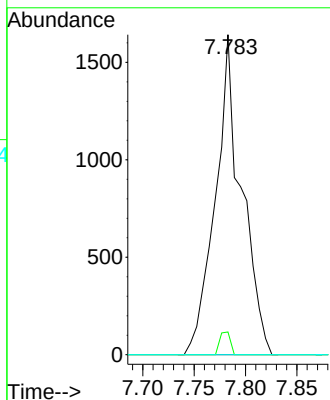


#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Instrument :
MSVOA_Y
ClientSampleId :

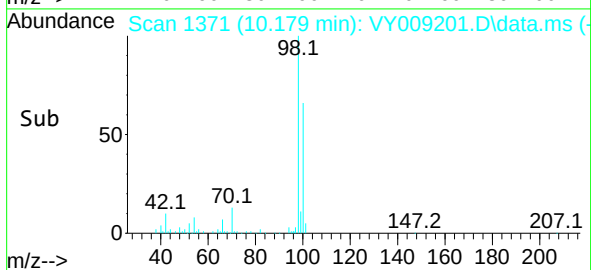
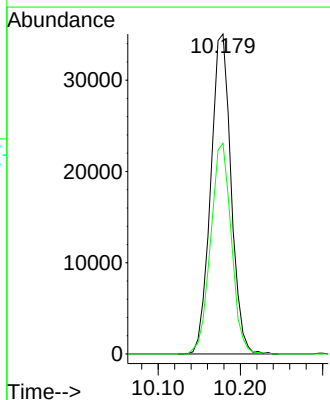
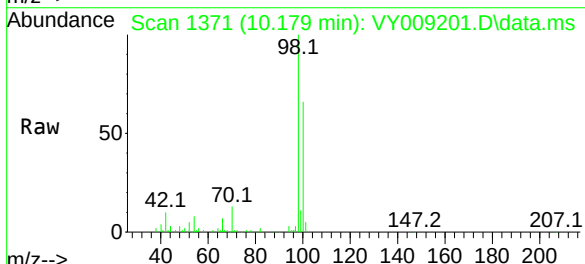


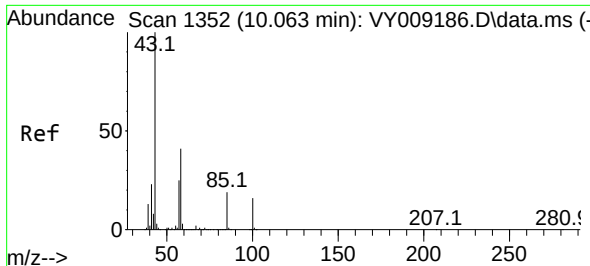
Tgt Ion:117 Resp: 2911
Ion Ratio Lower Upper
117 100
119 7.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.136 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Tgt Ion: 98 Resp: 60161
Ion Ratio Lower Upper
98 100
100 67.0 50.2 75.2

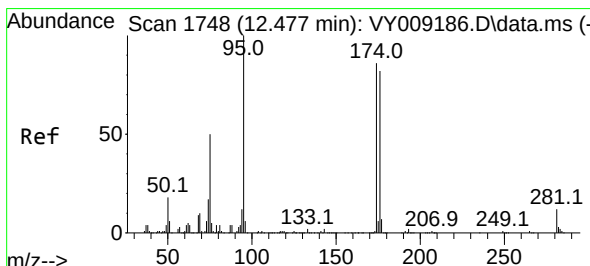
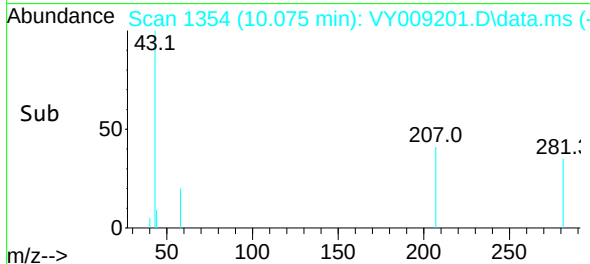
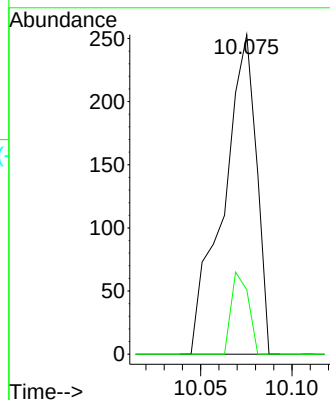
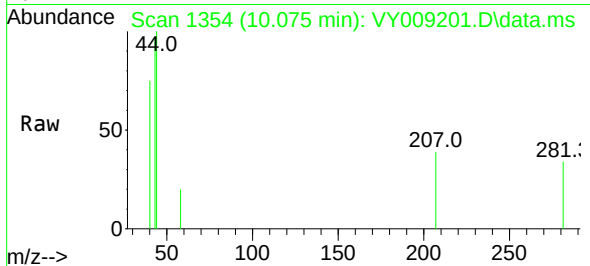




#51
4-Methyl-2-Pentanone
Concen: 1.091 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.012 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

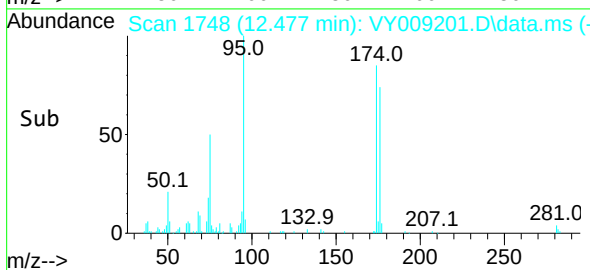
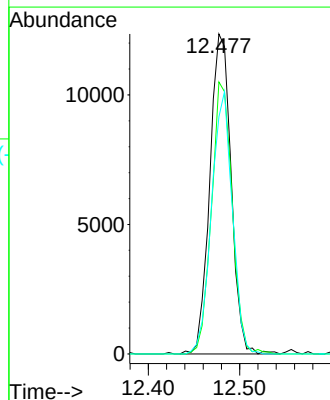
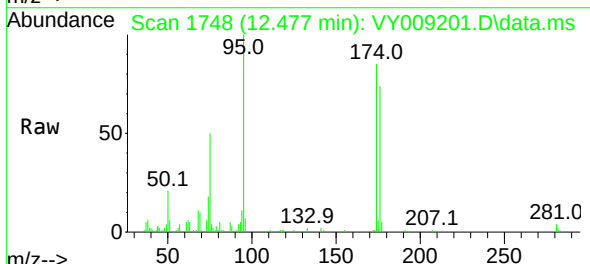
Instrument :
MSVOA_Y
ClientSampleId :

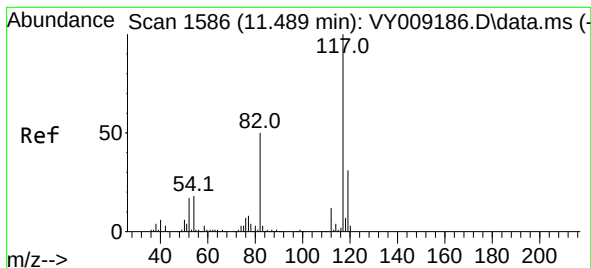
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 13.2 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Tgt Ion: 95 Resp: 19919
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

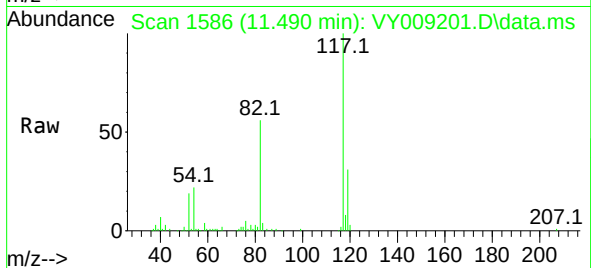
Lab File: VY009201.D

Acq: 16 Jun 2022 14:41

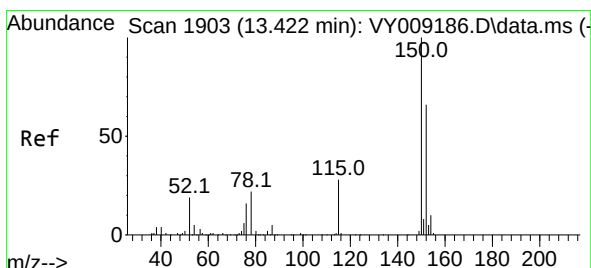
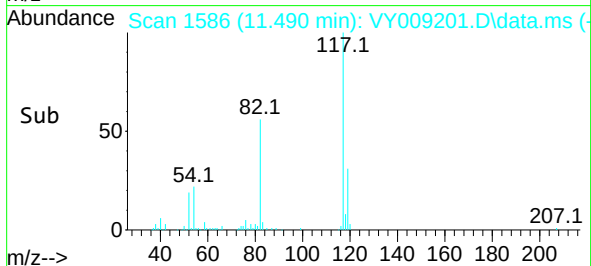
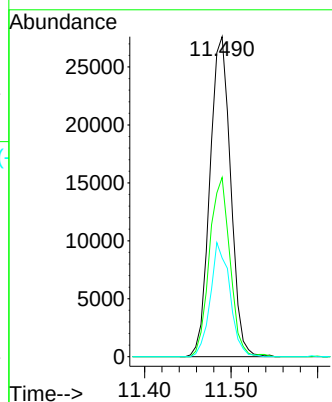
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	45864
Ion Ratio	Lower	Upper	
117	100		
82	56.0	43.0	64.4
119	30.8	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

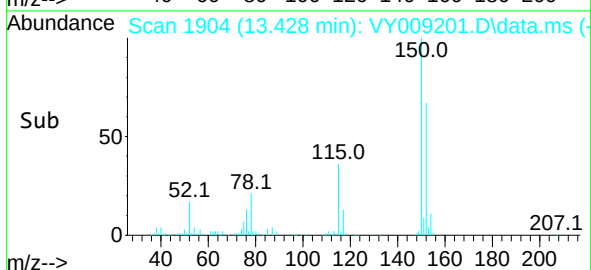
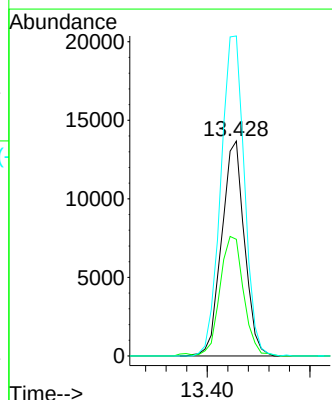
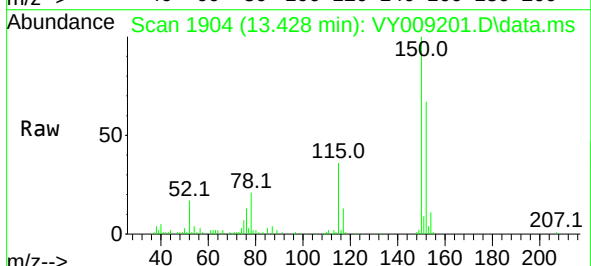
RT: 13.428 min Scan# 1904

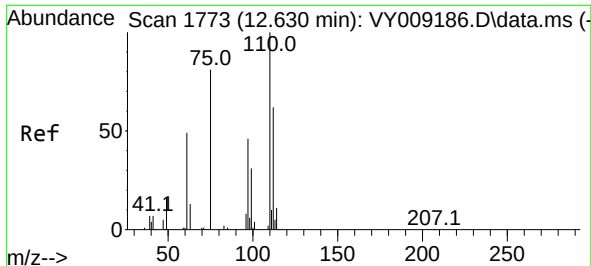
Delta R.T. 0.006 min

Lab File: VY009201.D

Acq: 16 Jun 2022 14:41

Tgt Ion:	152	Resp:	21044
Ion Ratio	Lower	Upper	
152	100		
115	57.7	28.2	84.7
150	154.4	0.0	347.6

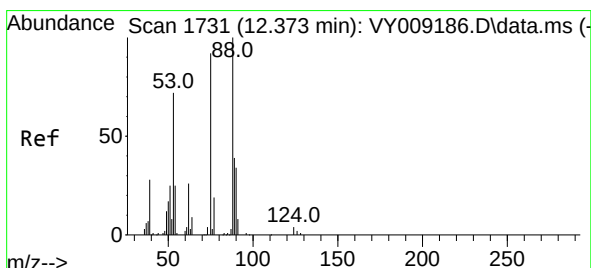
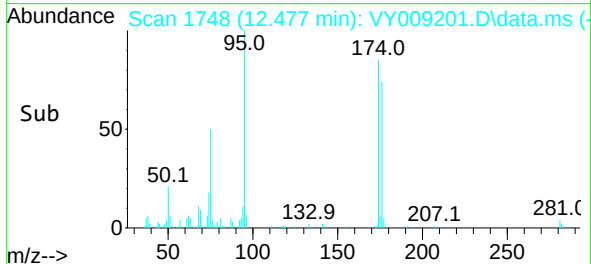
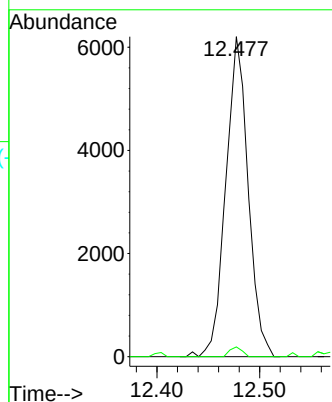
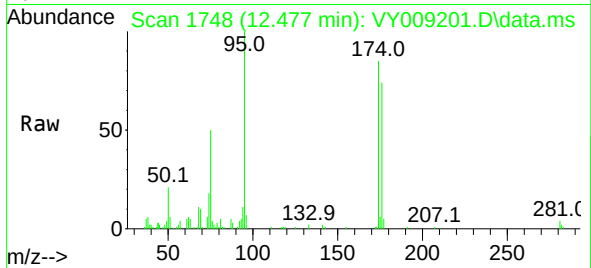




#76
1,2,3-Trichloropropane
Concen: 40.239 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

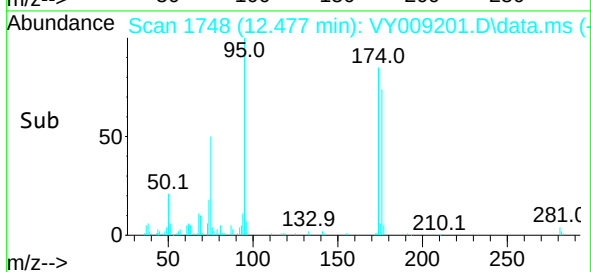
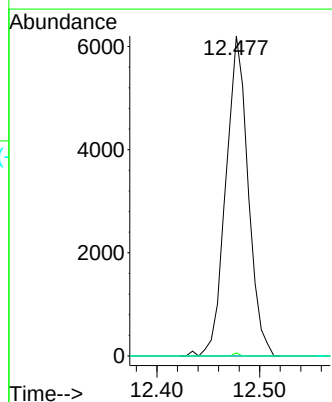
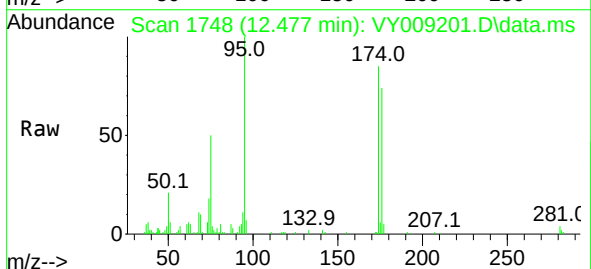
Instrument :
MSVOA_Y
ClientSampleId :

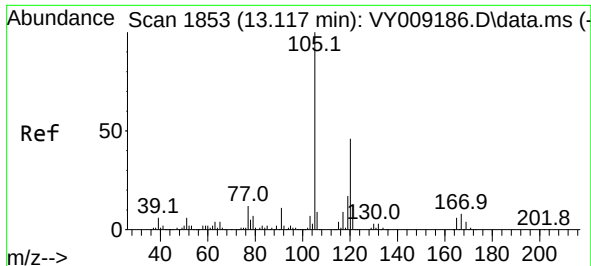
Tgt Ion: 75 Resp: 9350
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.192 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Tgt Ion: 75 Resp: 9350
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

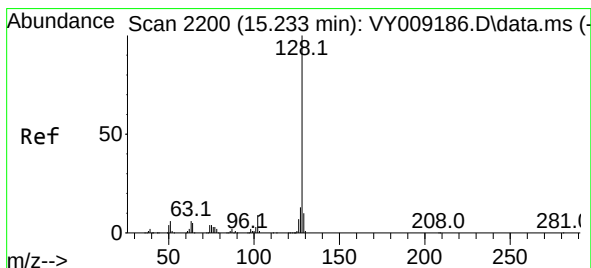
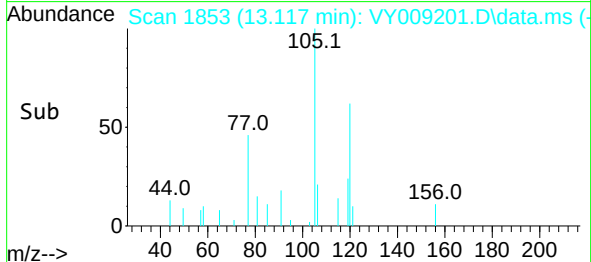
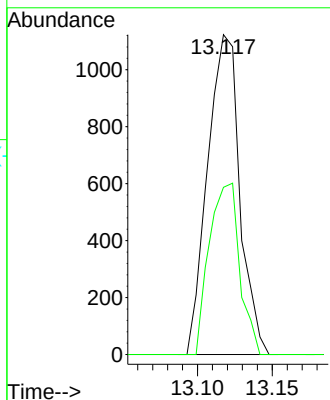
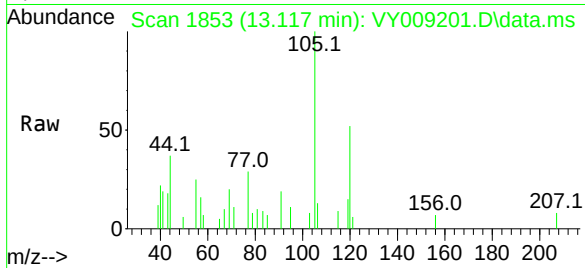




#84
1,2,4-Trimethylbenzene
Concen: 1.295 ug/l
RT: 13.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 1683
Ion Ratio Lower Upper
105 100
120 50.3 22.3 66.9



#95
Naphthalene
Concen: 1.409 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY009201.D
Acq: 16 Jun 2022 14:41

Tgt Ion:128 Resp: 1254
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 8.1 8.4 12.6#

