

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009278.D
 Acq On : 22 Jun 2022 17:42
 Operator : KP/MD
 Sample : N3430-03
 Misc : 3.89/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-0-2-20220621

Quant Time: Jun 23 01:57:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

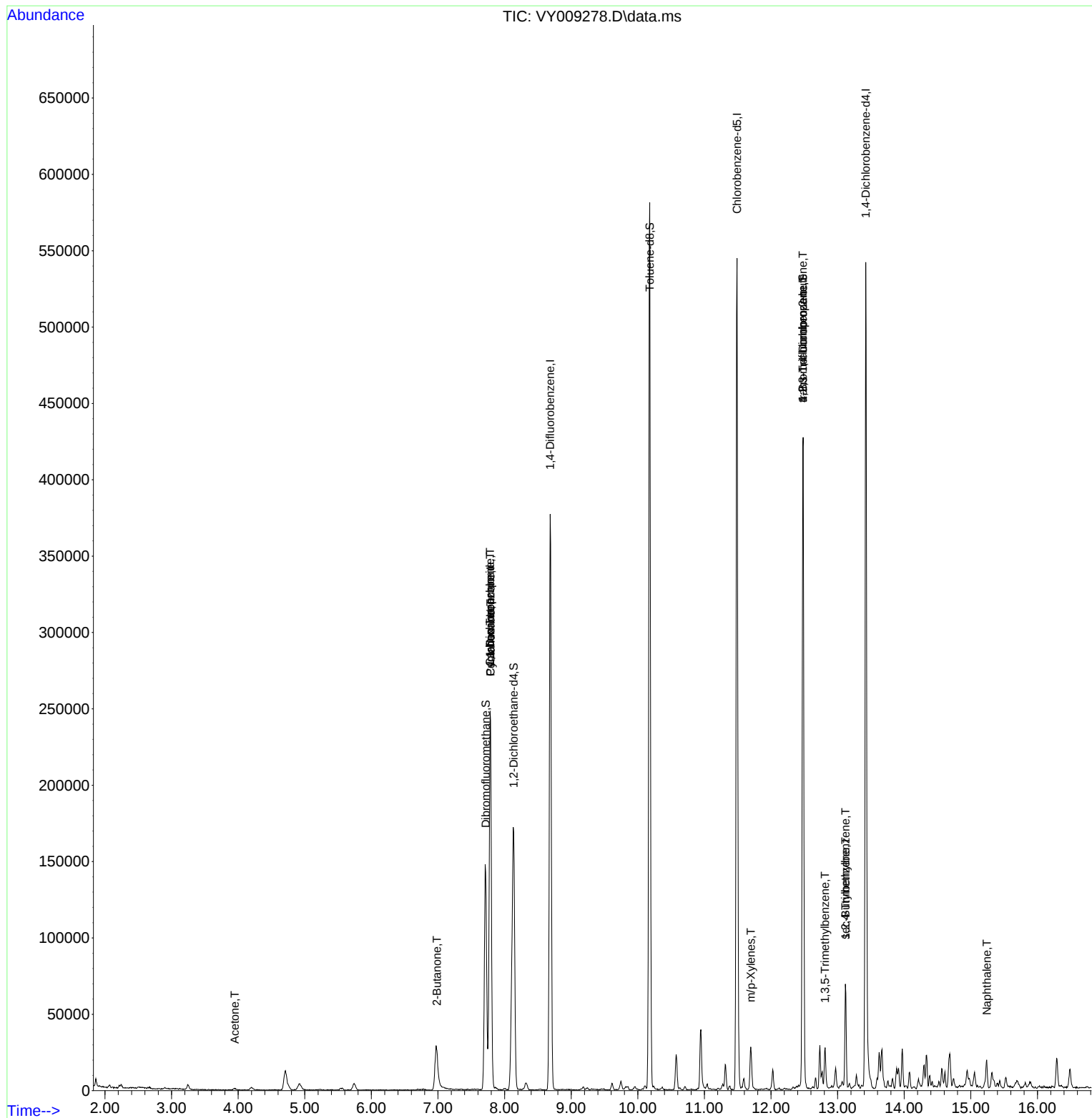
Internal Standards						
1) Pentafluorobenzene	7.789	168	199816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112156	51.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.22%
35) Dibromofluoromethane	7.716	113	104533	48.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.18%
50) Toluene-d8	10.179	98	386038	46.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.46%
62) 4-Bromofluorobenzene	12.477	95	136107	46.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.78%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	4431	Below Cal	#	80
16) Acetone	3.948	43	1765	3.26	ug/l	99
18) Methyl Acetate	4.479	43	40	Below Cal	#	56
20) Methylene Chloride	4.710	84	9348	Below Cal	#	86
25) 2-Butanone	6.984	43	1791	2.05	ug/l	96
31) Cyclohexane	7.789	56	4039	1.06	ug/l	# 11
36) 1,1-Dichloropropene	7.783	75	14752	4.46	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	18630	5.42	ug/l	# 16
68) m/p-Xylenes	11.697	106	8040	1.73	ug/l	98
76) 1,2,3-Trichloropropane	12.477	75	66629	41.05	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.812	105	10834	1.20	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.477	75	66629	87.03	ug/l	# 7
84) 1,2,4-Trimethylbenzene	13.117	105	36195	4.10	ug/l	98
85) sec-Butylbenzene	13.117	105	36195	3.07	ug/l	# 56
95) Naphthalene	15.239	128	13965	2.48	ug/l	97

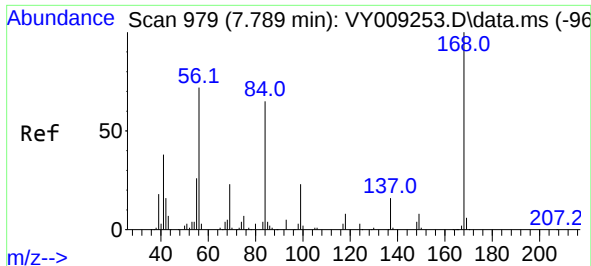
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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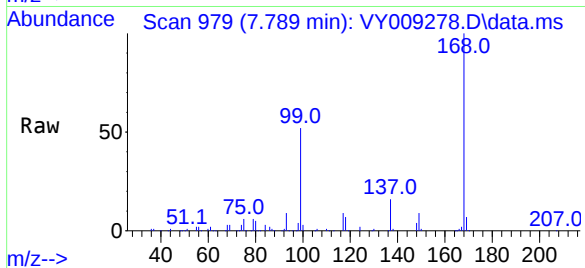
Quant Time: Jun 23 01:57:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration



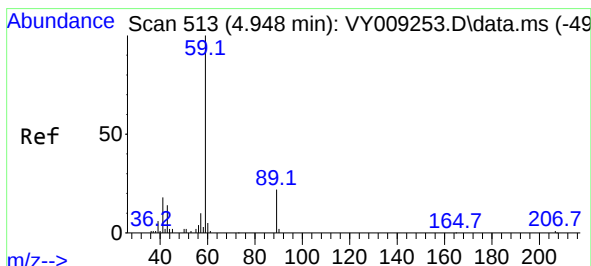
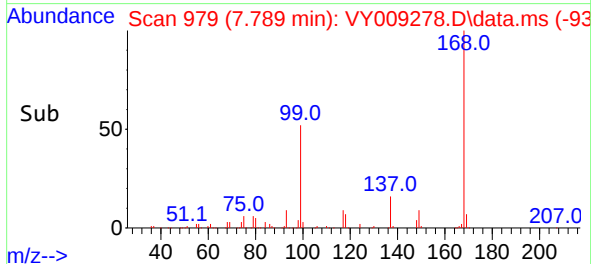
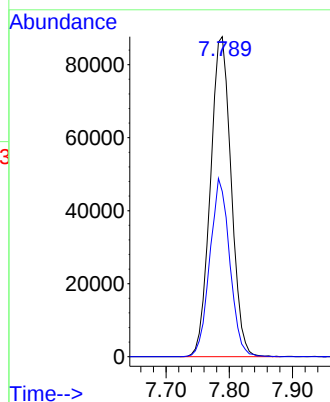


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-0-2-20220621

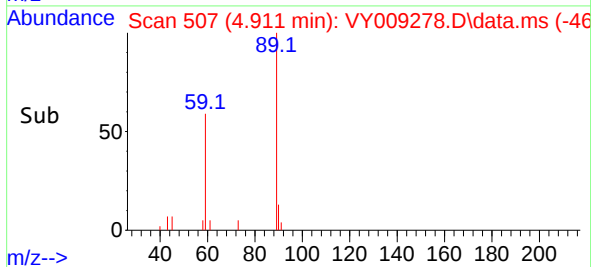
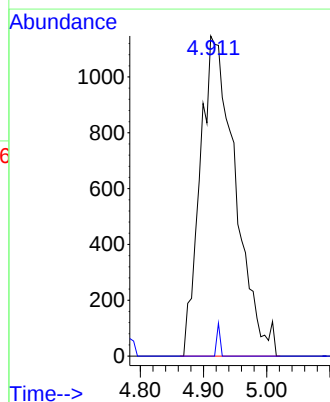
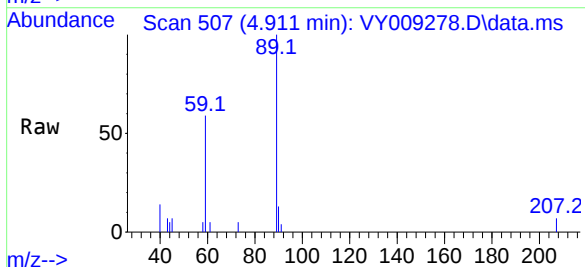


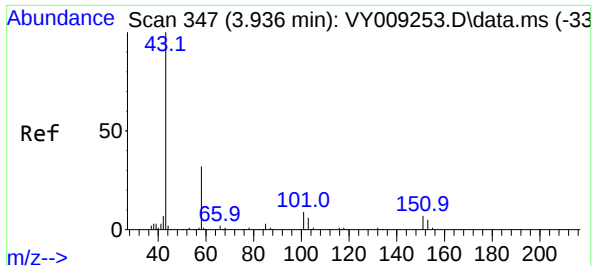
Tgt Ion:168 Resp: 199816
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 59 Resp: 4431
Ion Ratio Lower Upper
59 100
57 1.0 6.4 9.6#

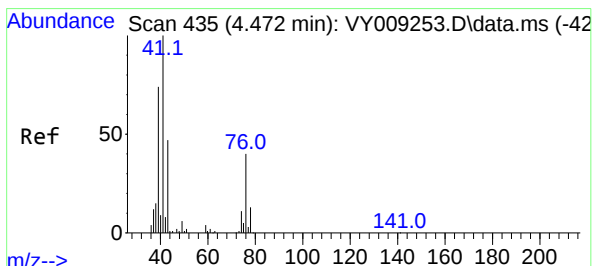
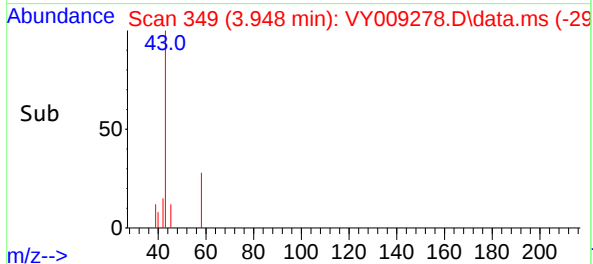
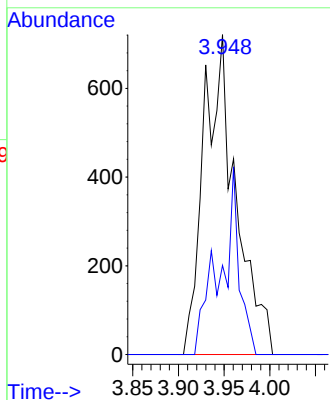
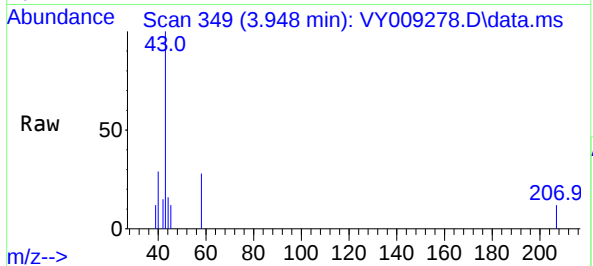




#16
Acetone
Concen: 3.26 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

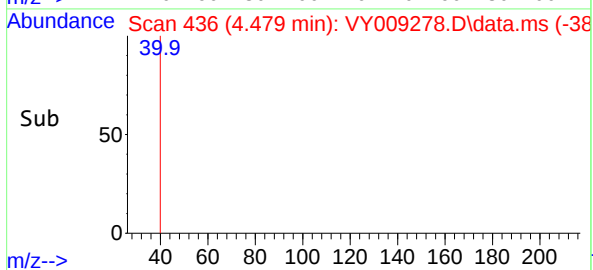
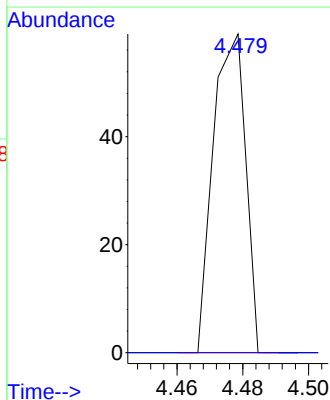
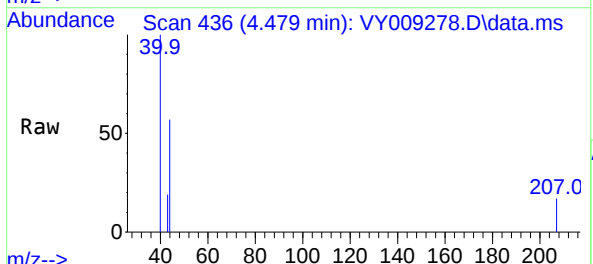
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-0-2-20220621

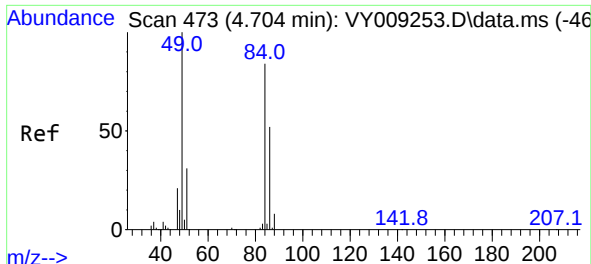
Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

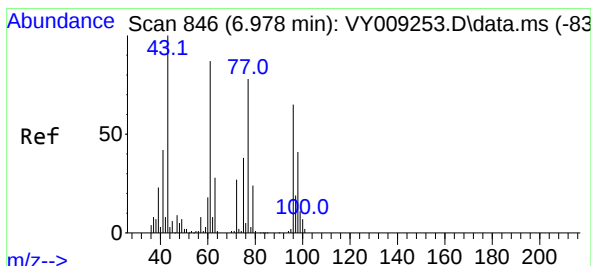
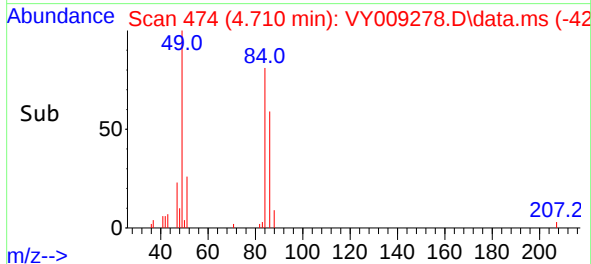
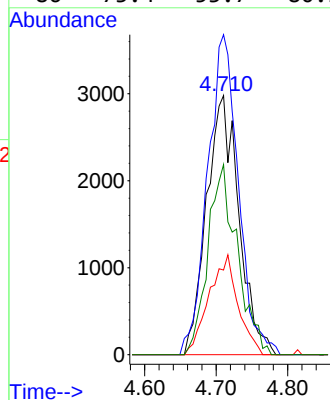
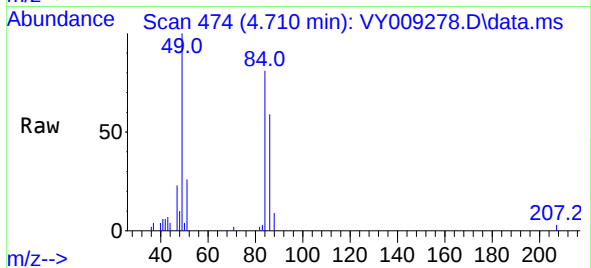




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

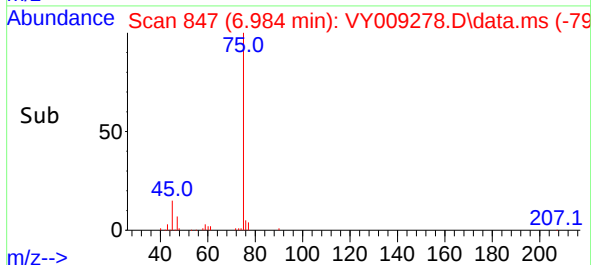
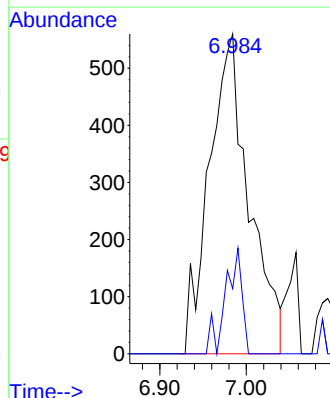
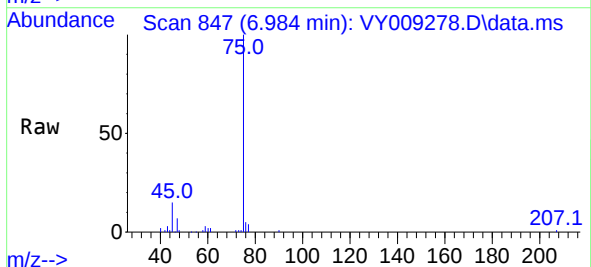
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-0-2-20220621

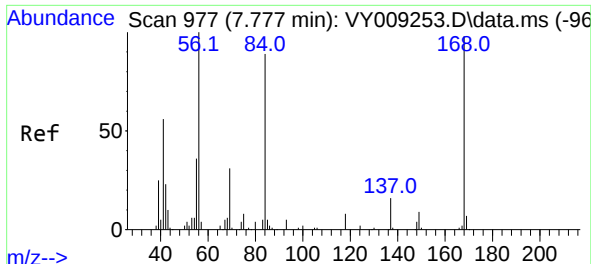
Tgt Ion: 84 Resp: 9348
Ion Ratio Lower Upper
84 100
49 123.5 114.4 171.6
51 32.7 35.3 52.9#
86 73.4 53.7 80.5



#25
2-Butanone
Concen: 2.05 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
72 20.4 17.7 26.5

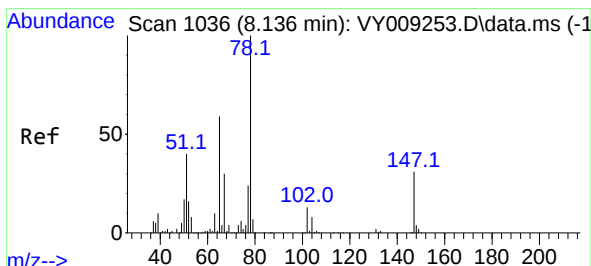
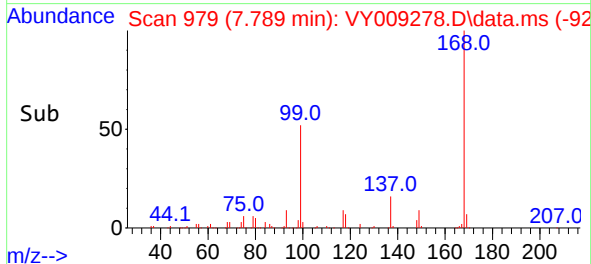
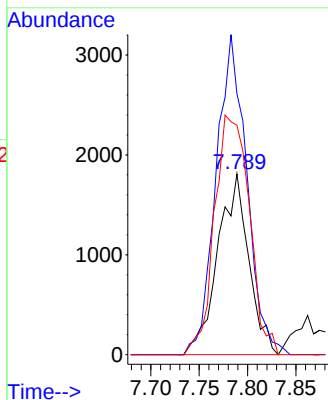
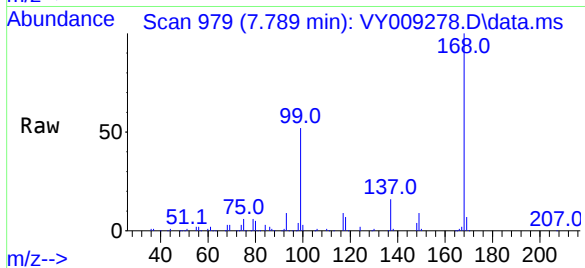




#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

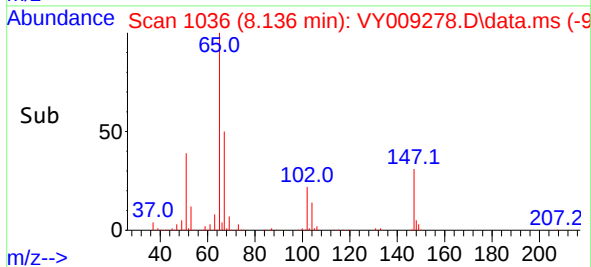
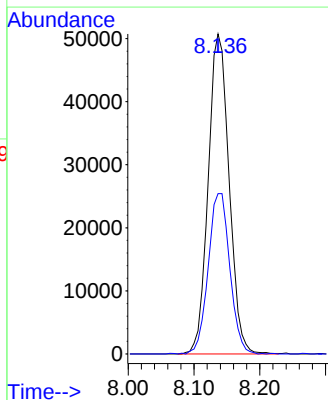
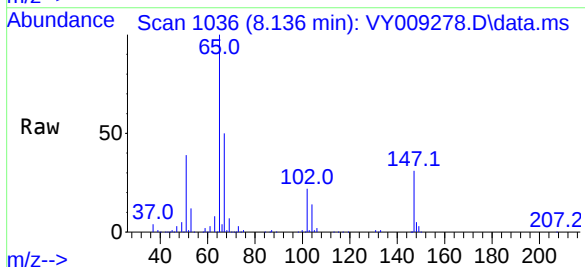
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-0-2-20220621

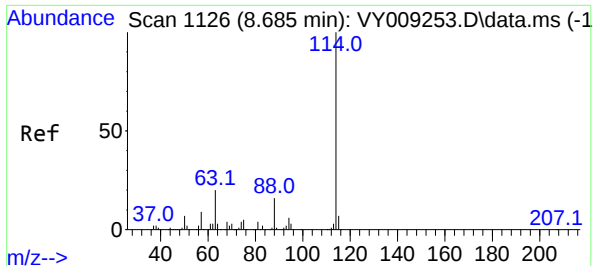
Tgt Ion: 56 Resp: 4039
Ion Ratio Lower Upper
56 100
69 144.4 26.7 40.1#
84 126.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.11 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 65 Resp: 112156
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009278.D

Acq: 22 Jun 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-0-2-20220621

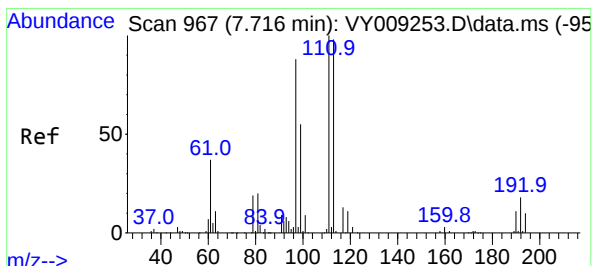
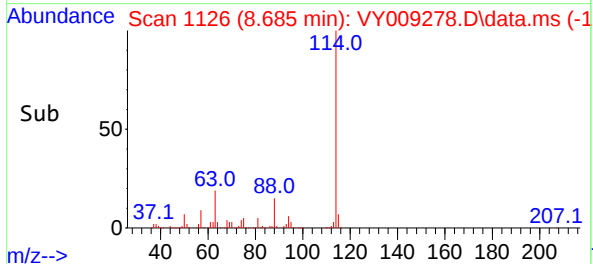
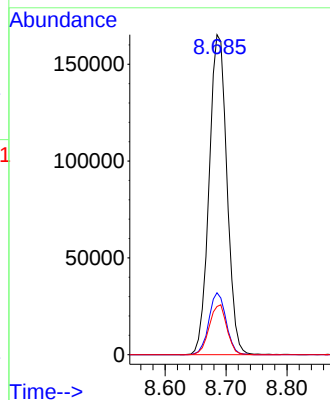
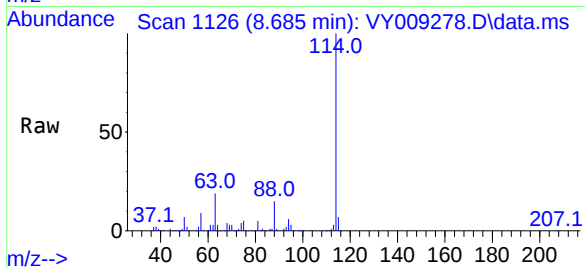
Tgt Ion:114 Resp: 335650

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.09 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009278.D

Acq: 22 Jun 2022 17:42

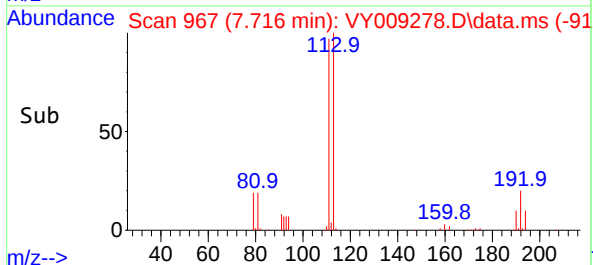
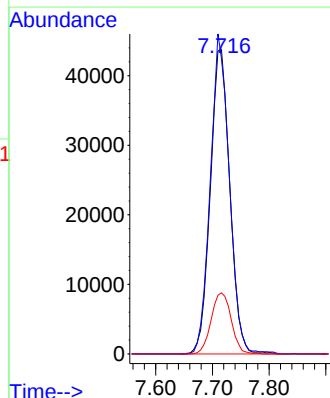
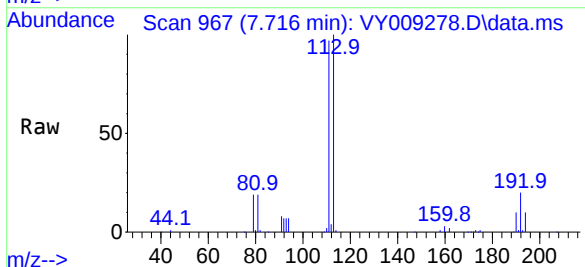
Tgt Ion:113 Resp: 104533

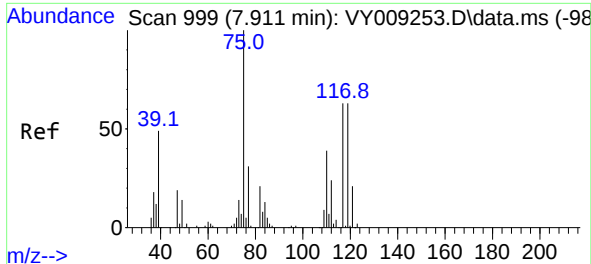
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.7 17.6 26.4

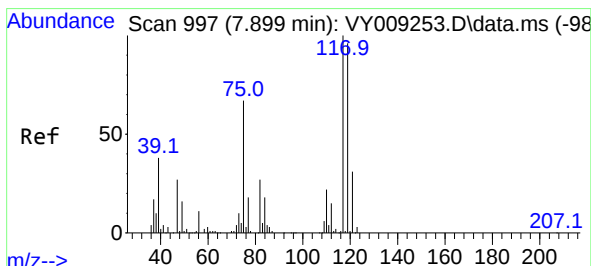
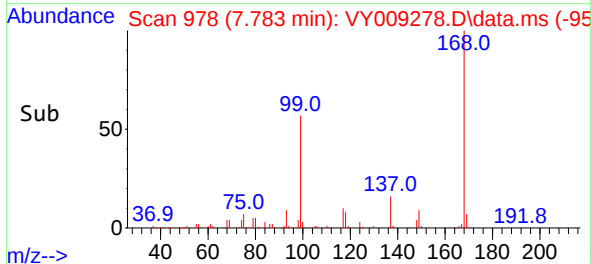
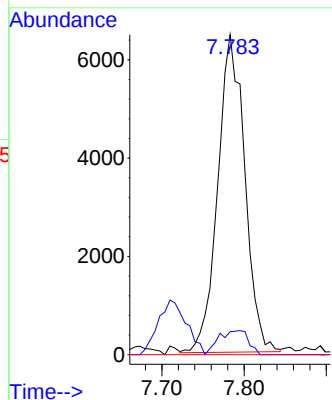
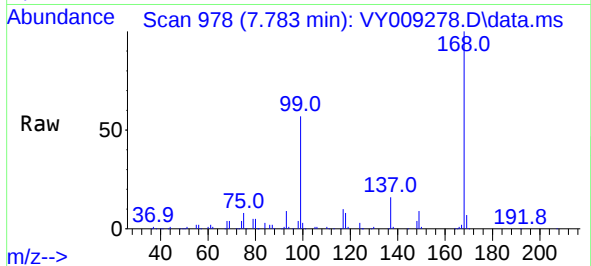




#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

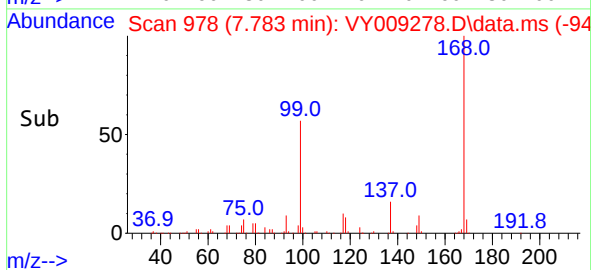
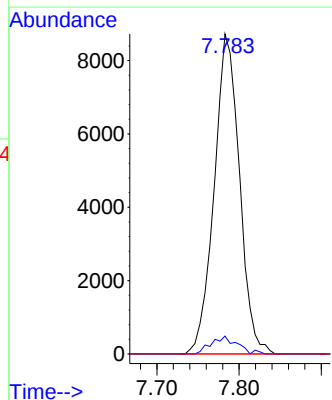
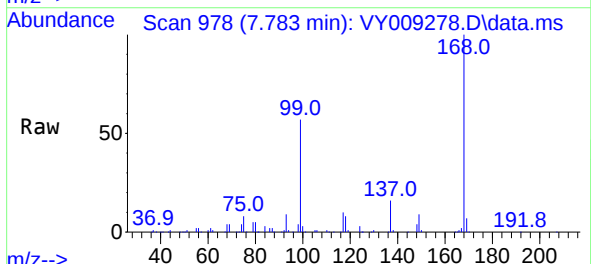
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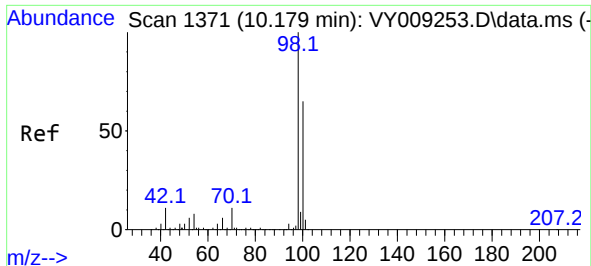
Tgt Ion: 75 Resp: 14752
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 117 Resp: 18630
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

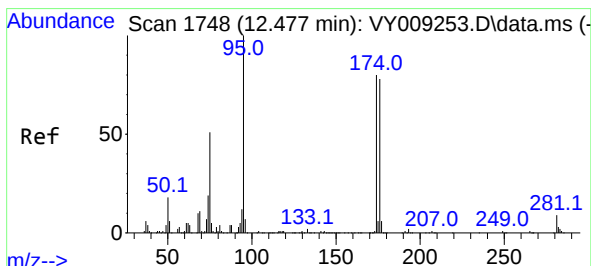
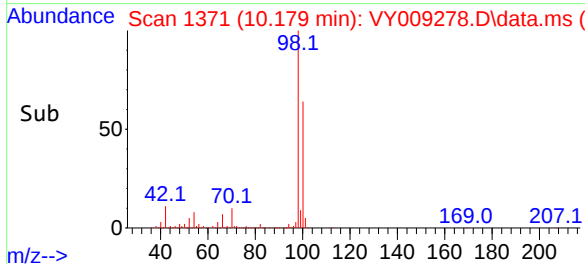
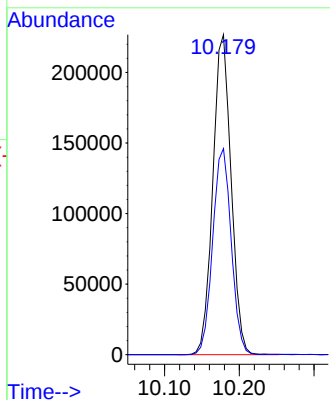
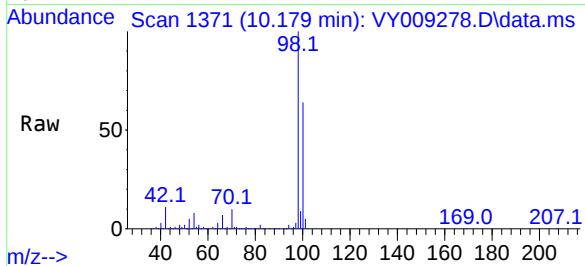




#50
Toluene-d8
Concen: 46.23 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

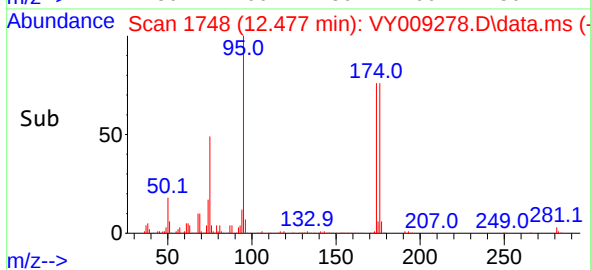
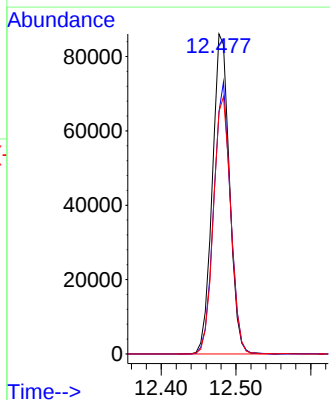
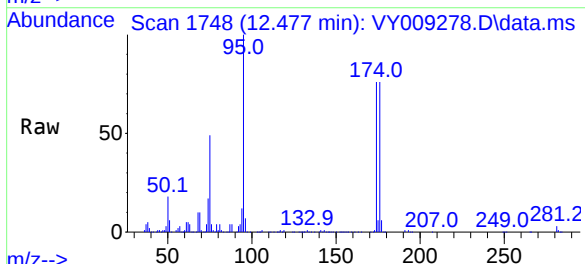
Instrument :
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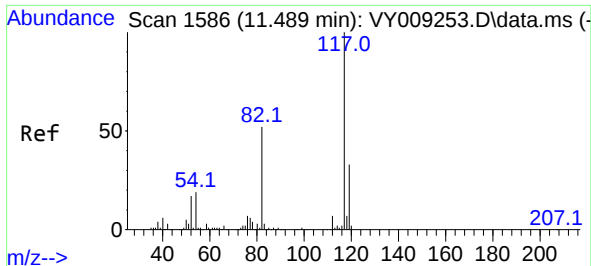
Tgt Ion: 98 Resp: 386038
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.39 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

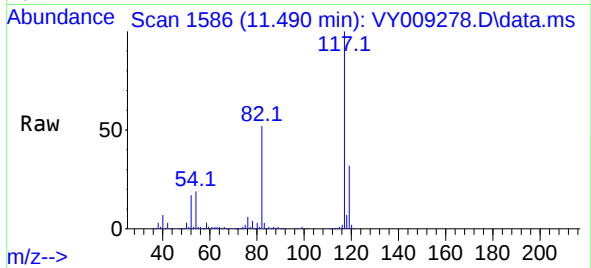
Tgt Ion: 95 Resp: 136107
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 81.4 0.0 175.8



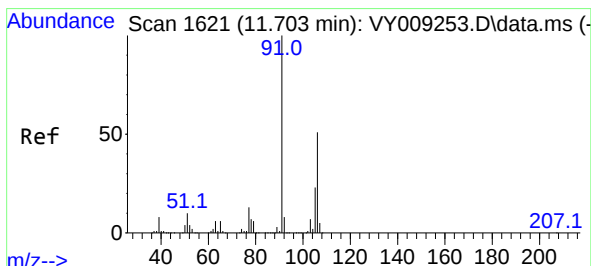
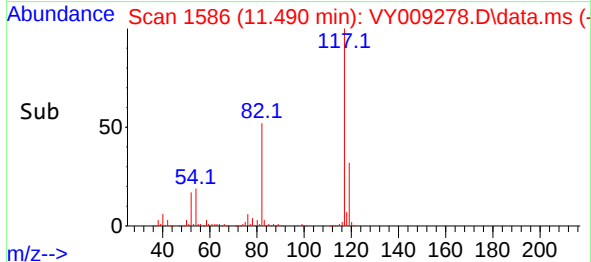
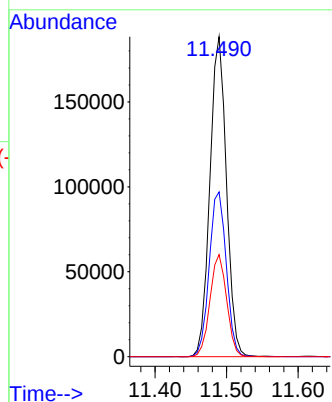


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Instrument :
MSVOA_Y
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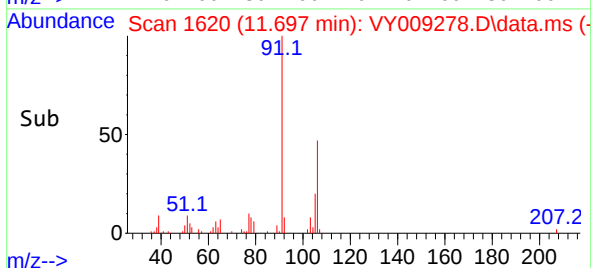
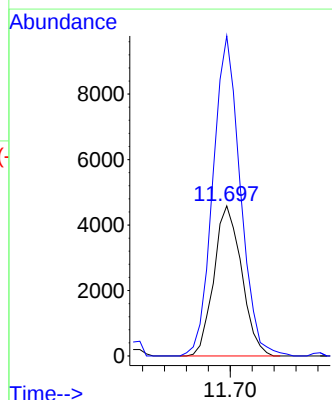
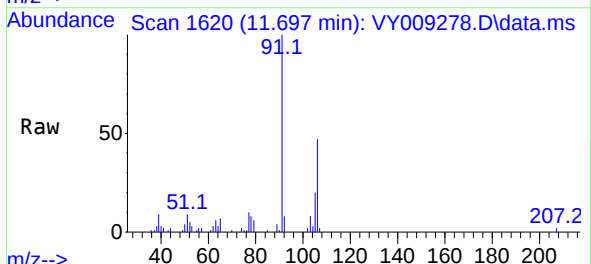


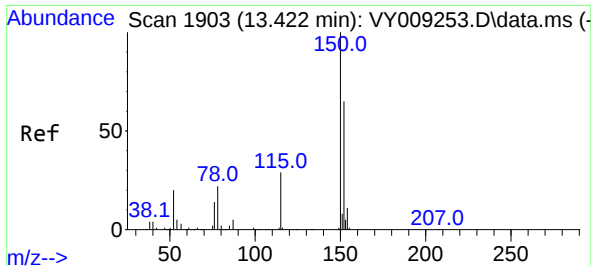
Tgt Ion:117 Resp: 302784
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 1.73 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion:106 Resp: 8040
Ion Ratio Lower Upper
106 100
91 211.2 166.6 249.8

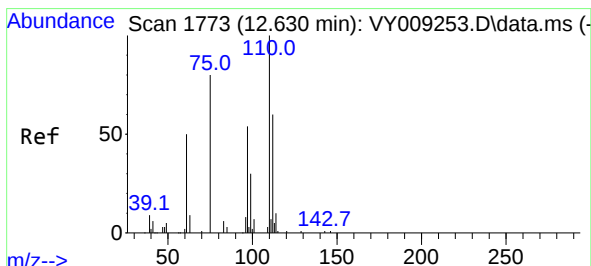
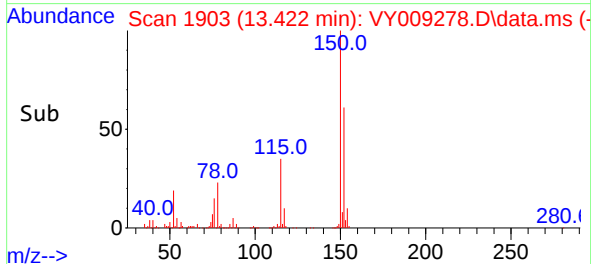
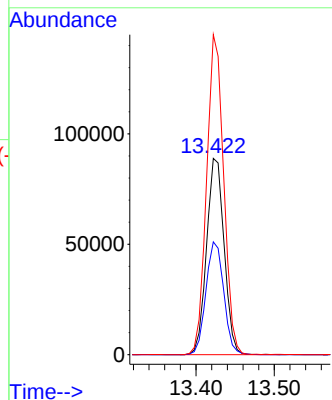
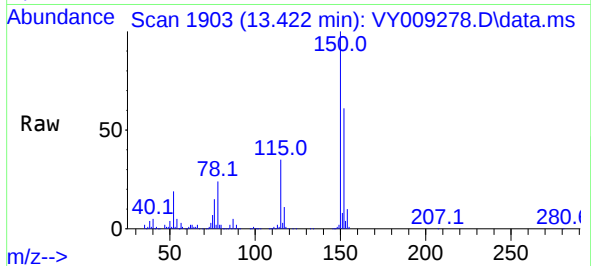




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009278.D
 Acq: 22 Jun 2022 17:42

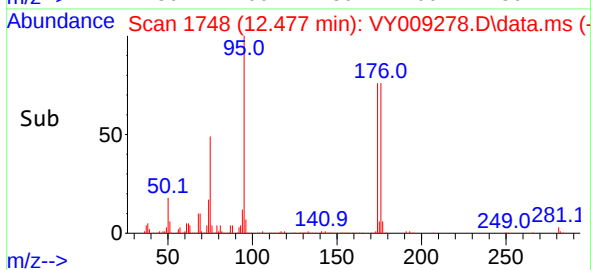
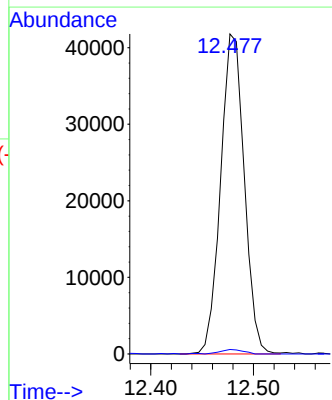
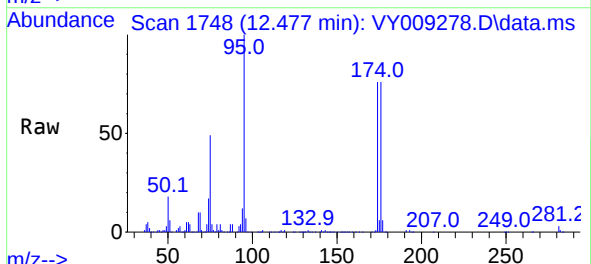
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-0-2-20220621

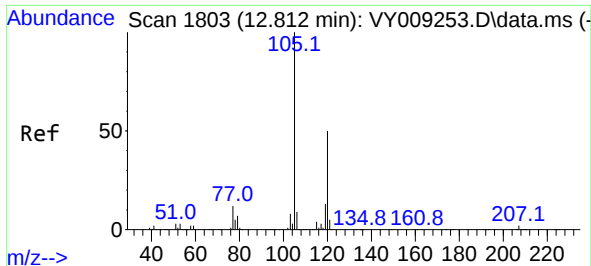
Tgt Ion:152 Resp: 138459
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 158.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.05 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009278.D
 Acq: 22 Jun 2022 17:42

Tgt Ion: 75 Resp: 66629
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

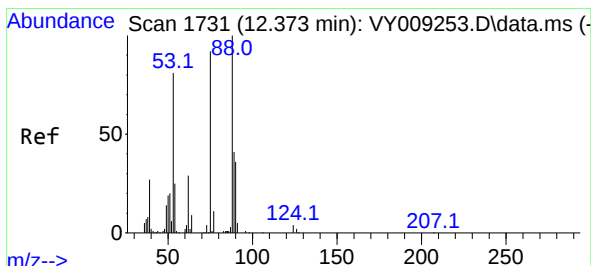
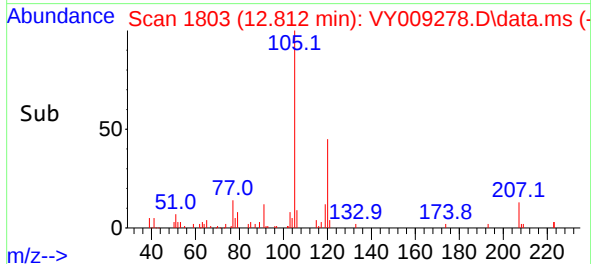
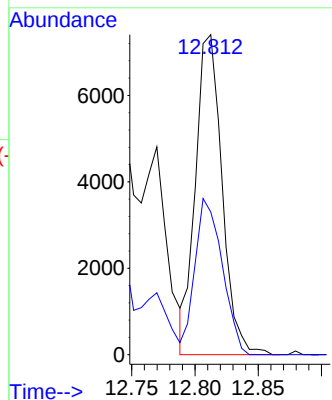
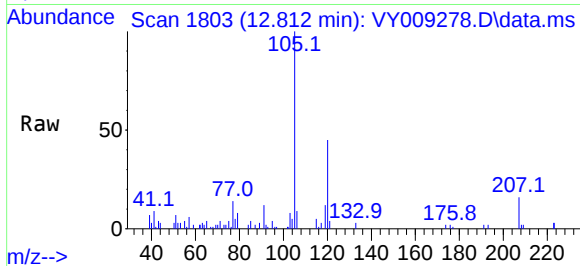




#80
1,3,5-Trimethylbenzene
Concen: 1.20 ug/l
RT: 12.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

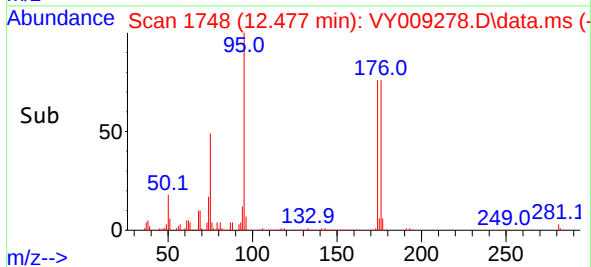
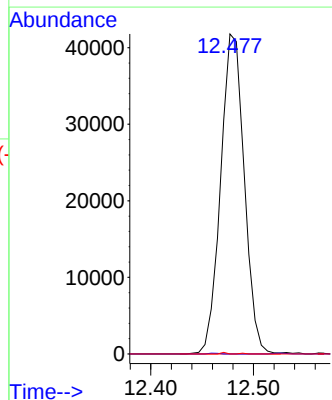
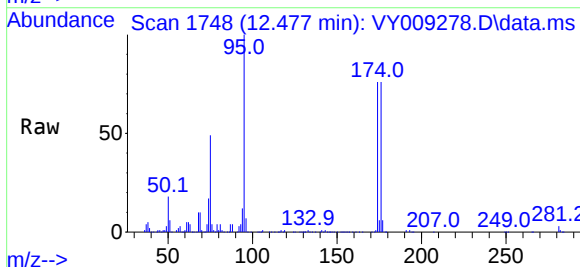
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-0-2-20220621

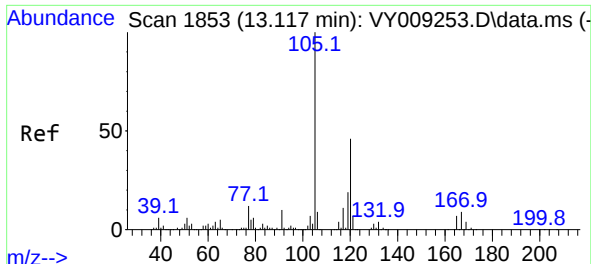
Tgt Ion:105 Resp: 10834
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 87.03 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 75 Resp: 66629
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

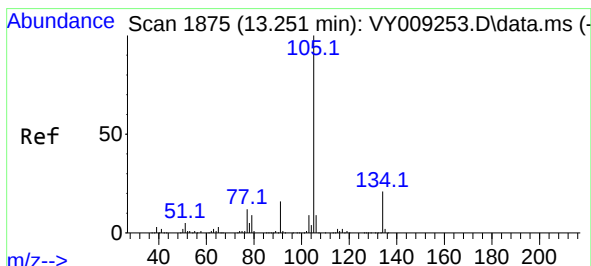
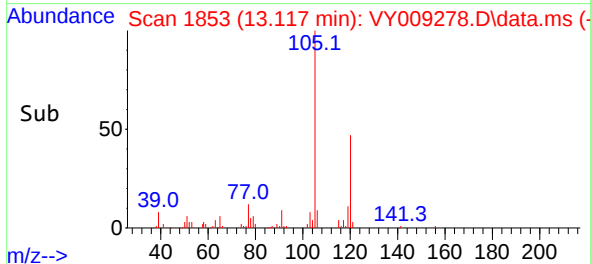
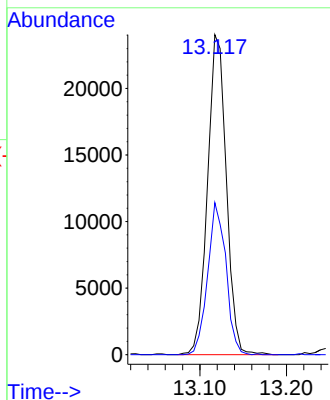
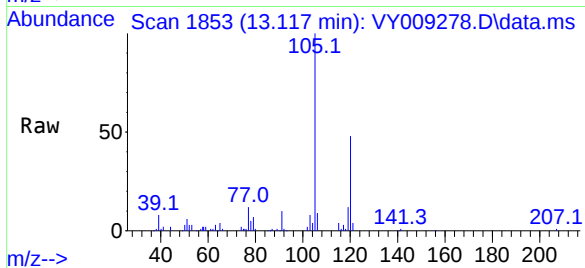




#84
1,2,4-Trimethylbenzene
Concen: 4.10 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

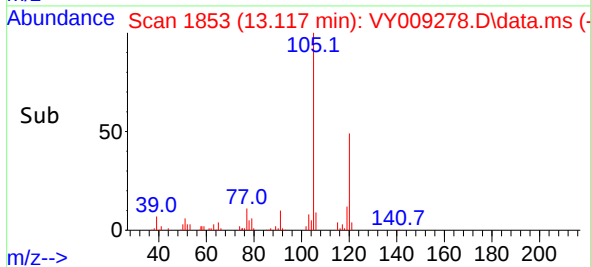
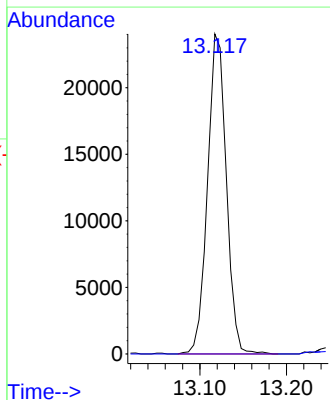
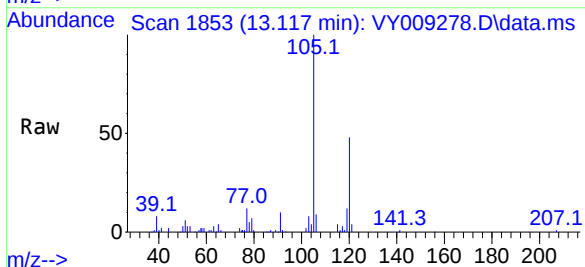
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-0-2-20220621

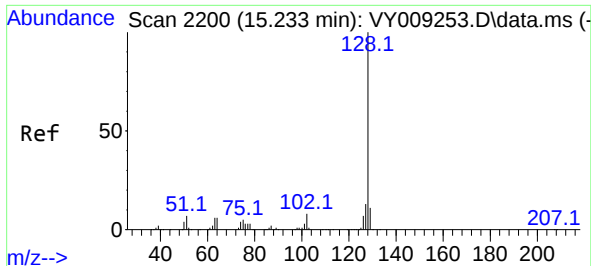
Tgt Ion:105 Resp: 36195
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9



#85
sec-Butylbenzene
Concen: 3.07 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.134 min
Lab File: VY009278.D
Acq: 22 Jun 2022 17:42

Tgt Ion:105 Resp: 36195
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95

Naphthalene

Concen: 2.48 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009278.D

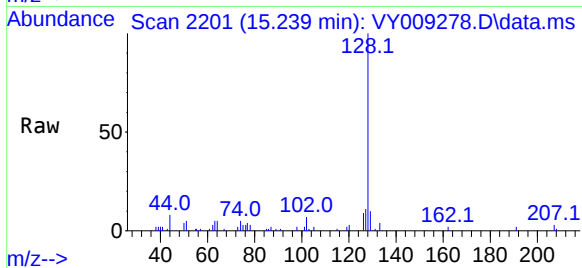
Acq: 22 Jun 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:128 Resp: 13965

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.4

129 11.7 8.4 12.6

