

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011395.D
 Acq On : 10 Nov 2022 17:01
 Operator : KP/MD
 Sample : N5531-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07

Quant Time: Nov 10 22:17:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

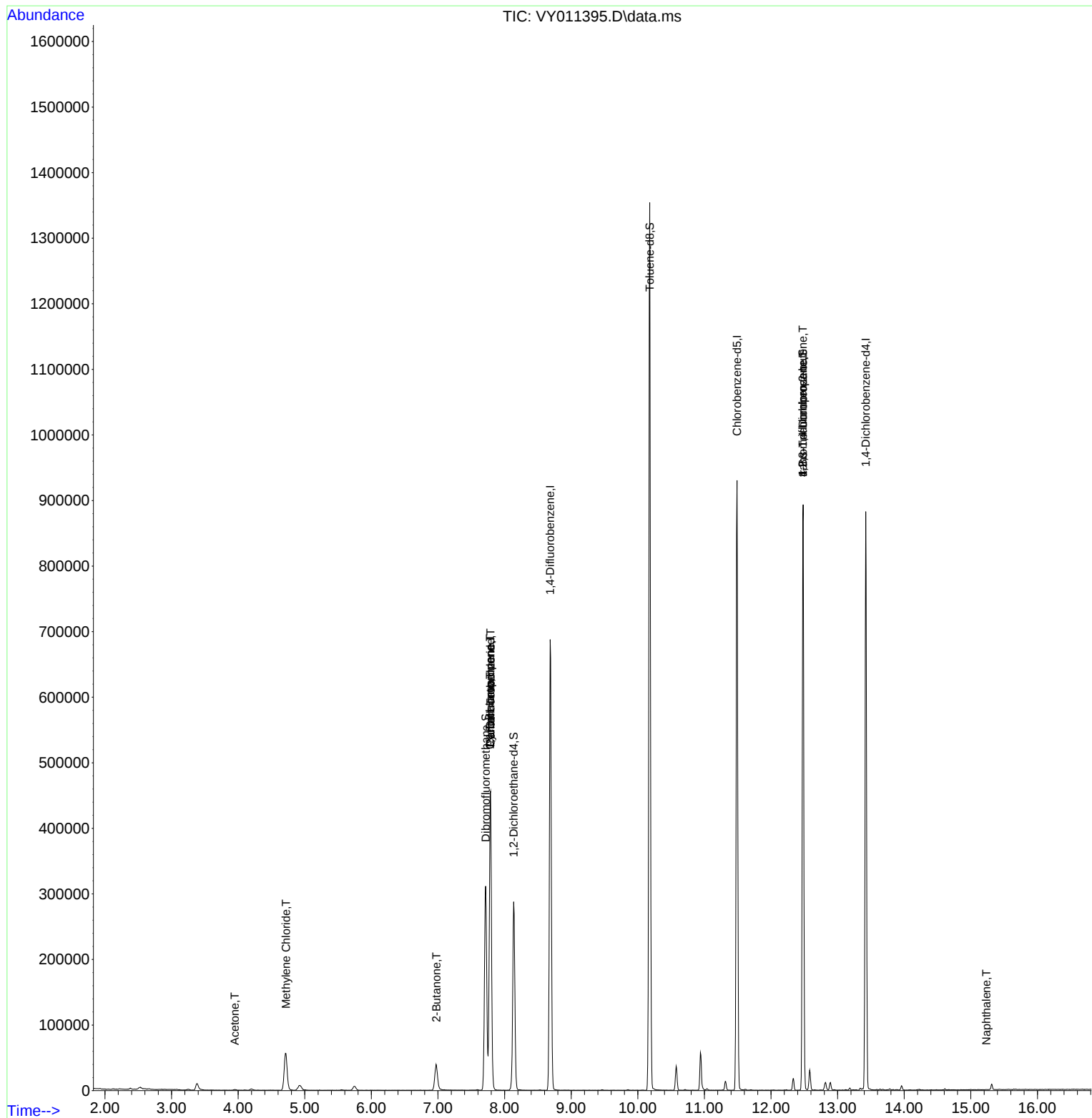
Internal Standards						
1) Pentafluorobenzene	7.789	168	372421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	623037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	540738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	216870	69.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.980%	
35) Dibromofluoromethane	7.716	113	226874	64.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.960%	
50) Toluene-d8	10.179	98	887471	66.532	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.060%	
62) 4-Bromofluorobenzene	12.477	95	277666	59.680	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	201	Below Cal	#	54
11) Tert butyl alcohol	4.924	59	7602	Below Cal	#	79
16) Acetone	3.948	43	1640	1.991	ug/l #	89
18) Methyl Acetate	4.479	43	368	Below Cal	#	56
20) Methylene Chloride	4.716	84	48161	3.843	ug/l #	80
25) 2-Butanone	6.978	43	1934	1.649	ug/l #	75
31) Cyclohexane	7.783	56	6024	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	25504	4.706	ug/l #	51
38) Carbon Tetrachloride	7.789	117	35934	6.096	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	134437	48.774	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	134437	117.238	ug/l #	7
95) Naphthalene	15.233	128	471	3.324	ug/l #	69

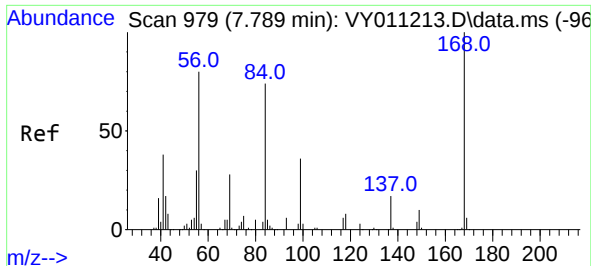
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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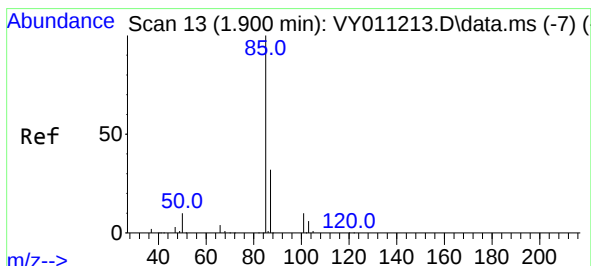
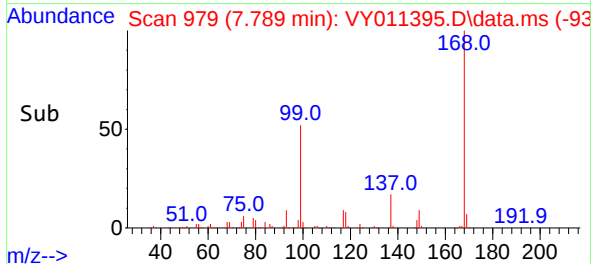
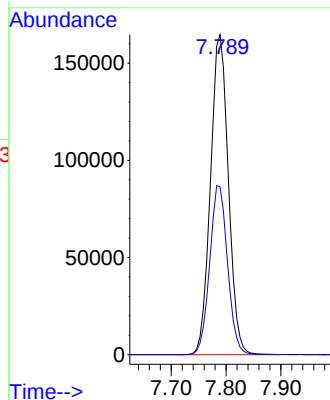
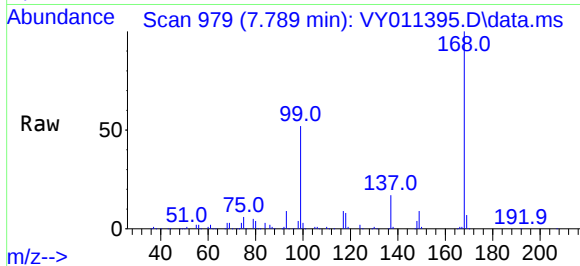




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

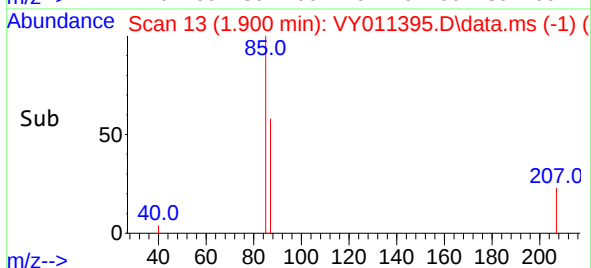
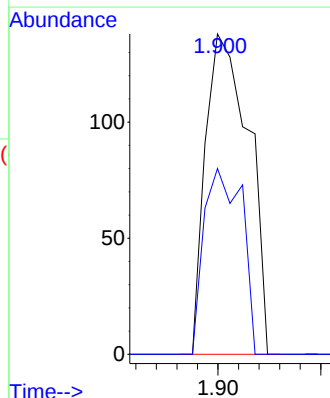
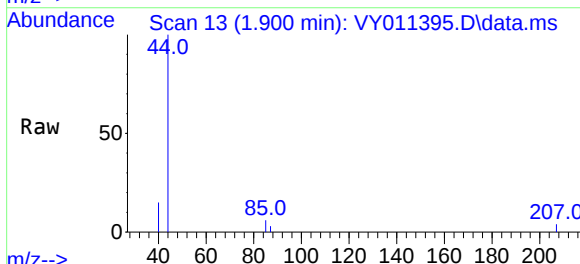
Instrument :
MSVOA_Y
ClientSampleId :
SB-07

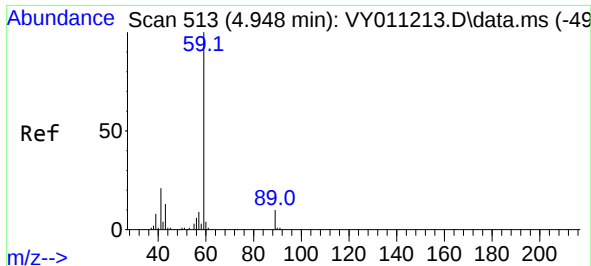
Tgt Ion:168 Resp: 372421
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

Tgt Ion: 85 Resp: 201
Ion Ratio Lower Upper
85 100
87 58.0 16.1 48.2#

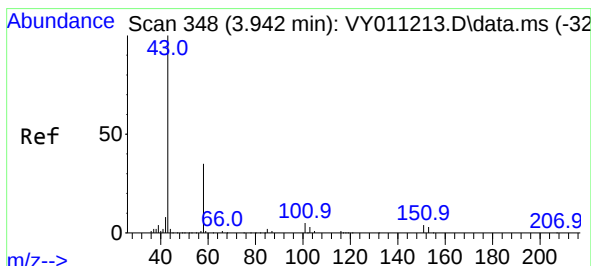
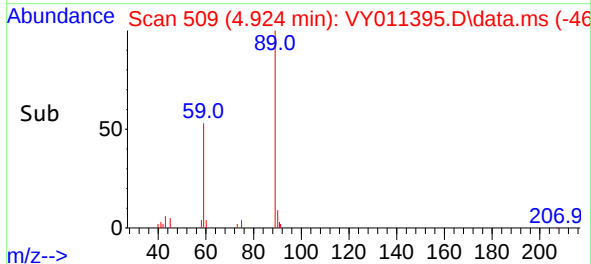
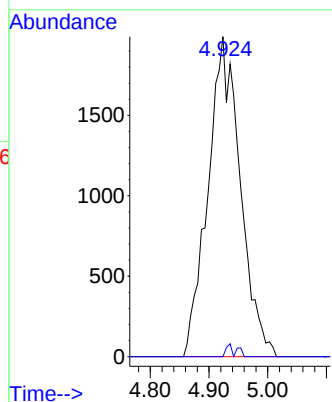
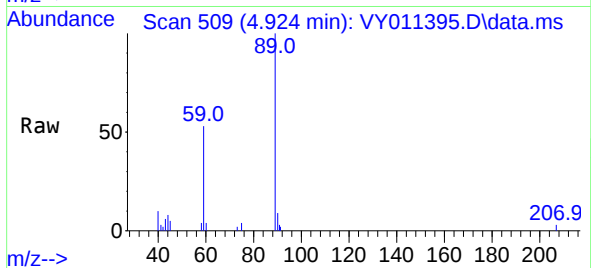




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

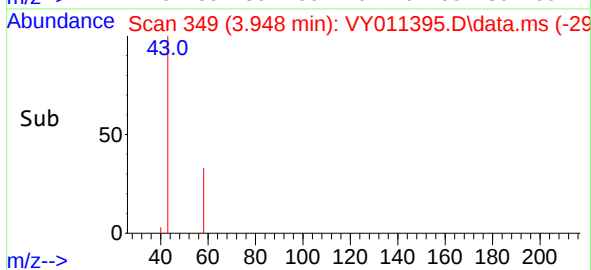
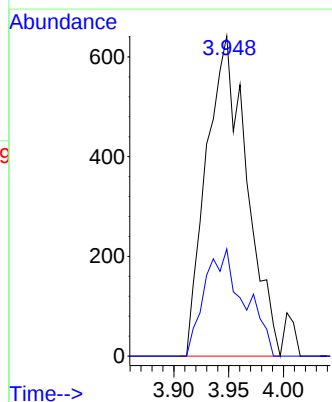
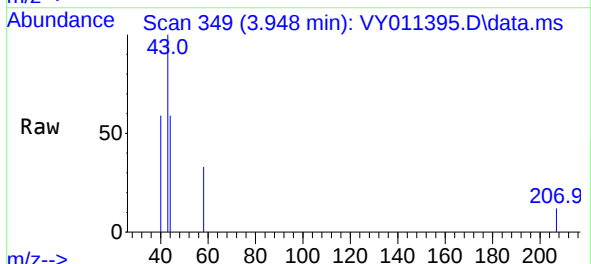
Instrument :
MSVOA_Y
ClientSampleId :
SB-07

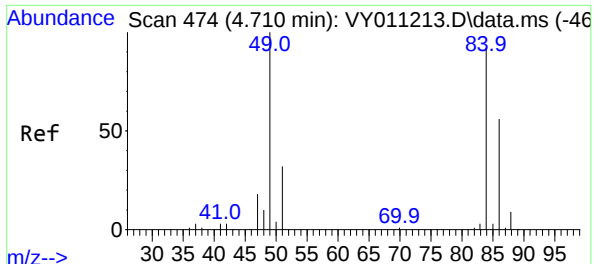
Tgt Ion: 59 Resp: 7602
Ion Ratio Lower Upper
59 100
57 0.7 6.4 9.6#



#16
Acetone
Concen: 1.991 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#

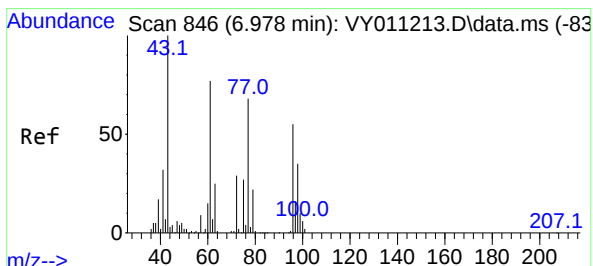
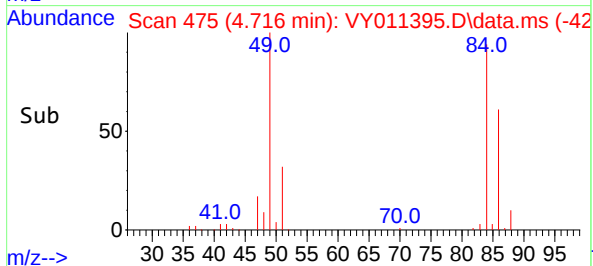
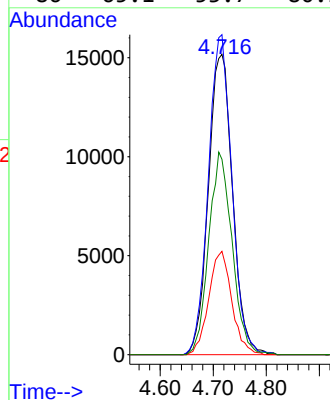
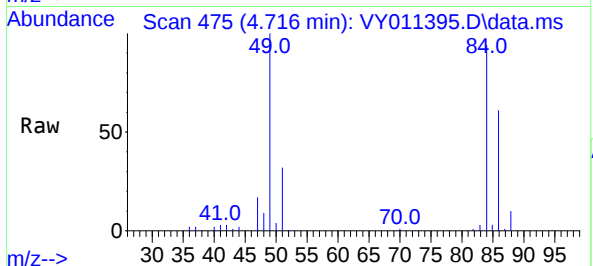




#20
Methylene Chloride
Concen: 3.843 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

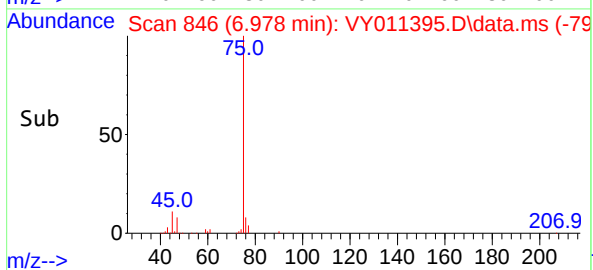
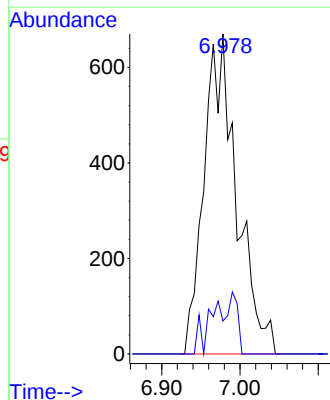
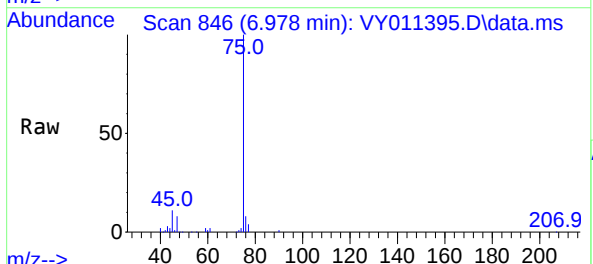
Instrument :
MSVOA_Y
ClientSampleId :
SB-07

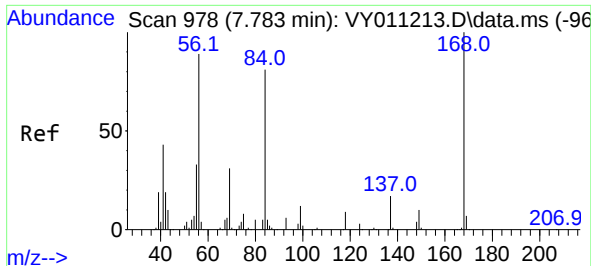
Tgt Ion:	84	Resp:	48161
Ion	Ratio	Lower	Upper
84	100		
49	106.6	114.4	171.6#
51	34.4	35.3	52.9#
86	65.1	53.7	80.5



#25
2-Butanone
Concen: 1.649 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

Tgt Ion:	43	Resp:	1934
Ion	Ratio	Lower	Upper
43	100		
72	10.3	17.7	26.5#

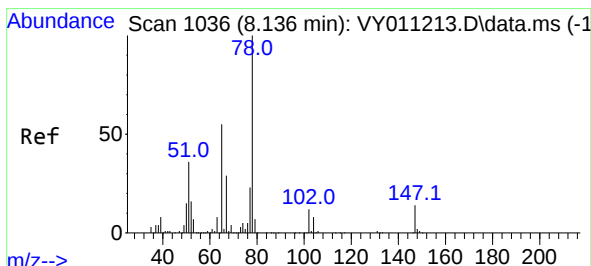
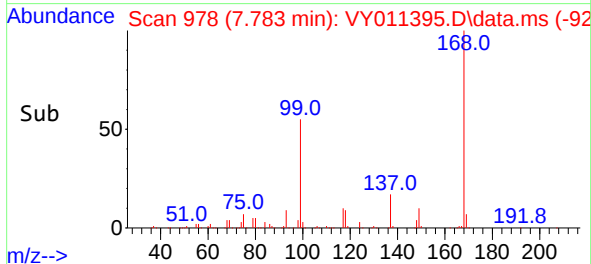
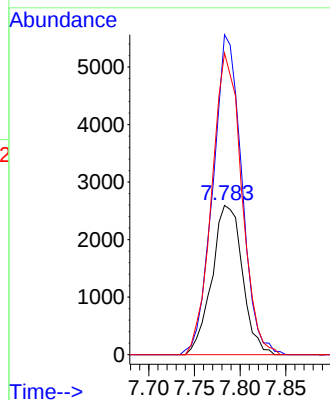
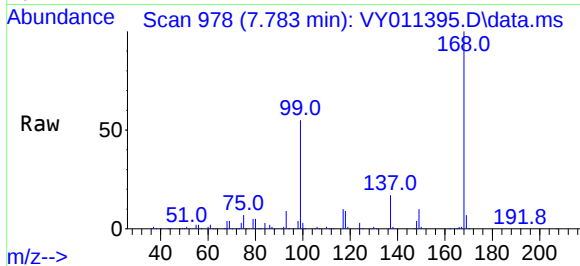




#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

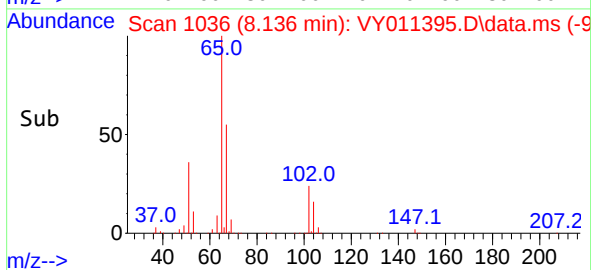
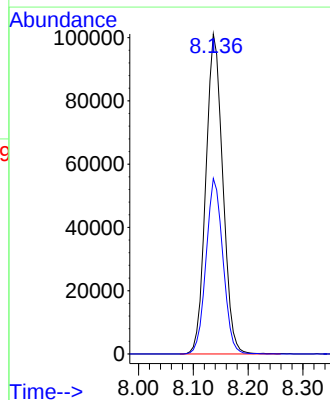
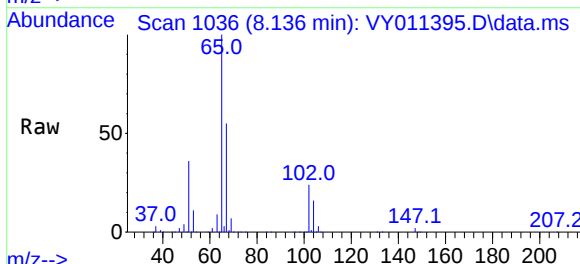
Instrument :
MSVOA_Y
ClientSampleId :
SB-07

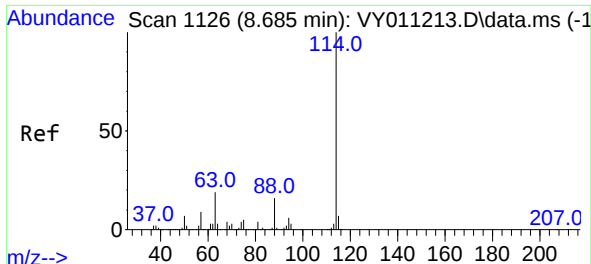
Tgt Ion: 56 Resp: 6024
Ion Ratio Lower Upper
56 100
69 214.3 26.7 40.1#
84 202.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.492 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

Tgt Ion: 65 Resp: 216870
Ion Ratio Lower Upper
65 100
67 54.4 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: VY011395.D

Acq: 10 Nov 2022 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-07

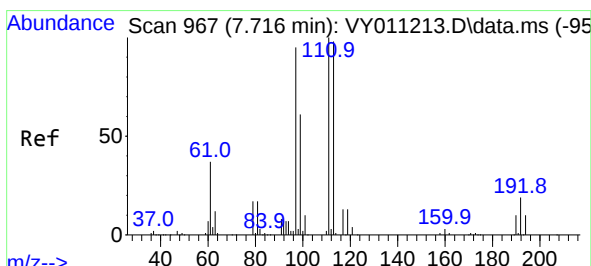
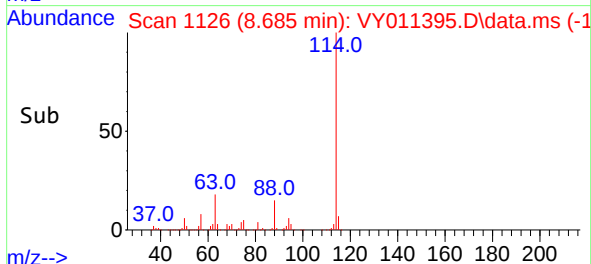
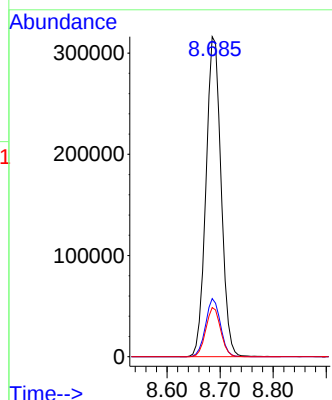
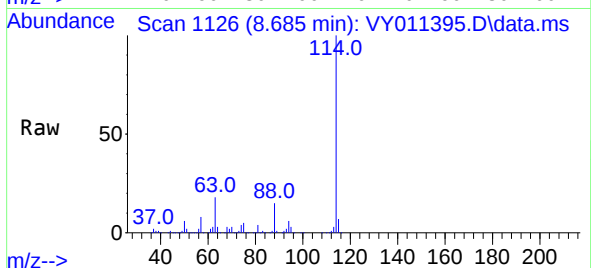
Tgt Ion:114 Resp: 623037

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 64.976 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011395.D

Acq: 10 Nov 2022 17:01

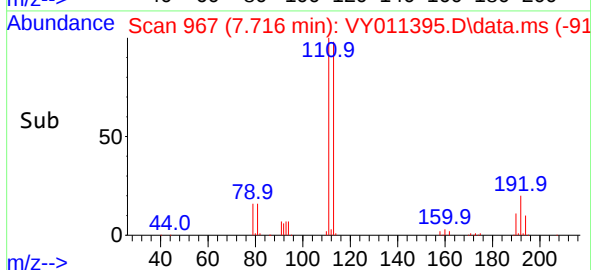
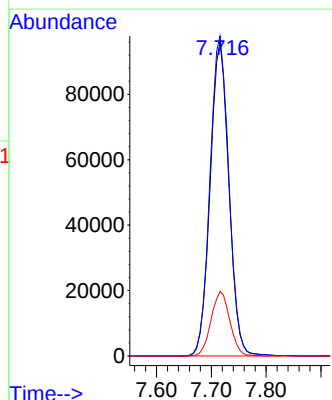
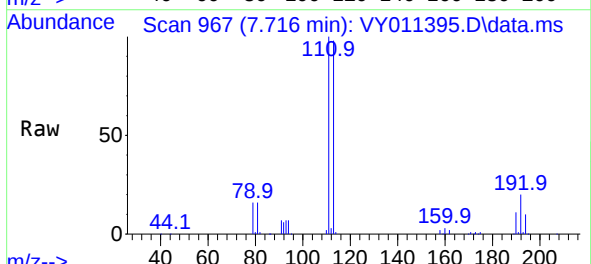
Tgt Ion:113 Resp: 226874

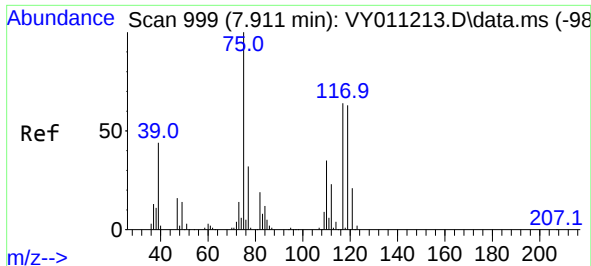
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.706 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011395.D

Acq: 10 Nov 2022 17:01

Instrument :

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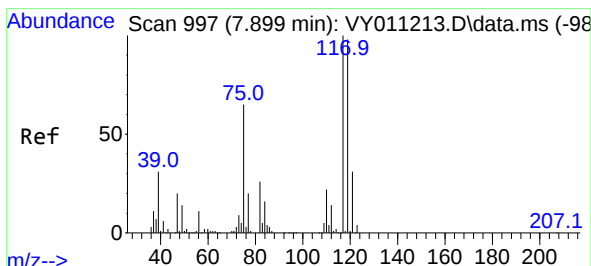
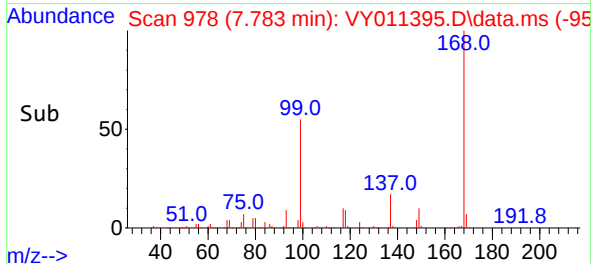
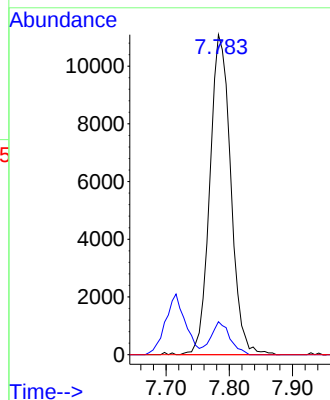
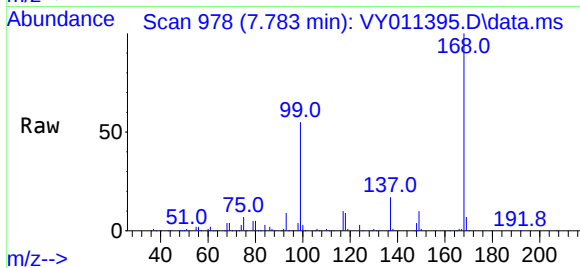
Tgt Ion: 75 Resp: 25504

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.096 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011395.D

Acq: 10 Nov 2022 17:01

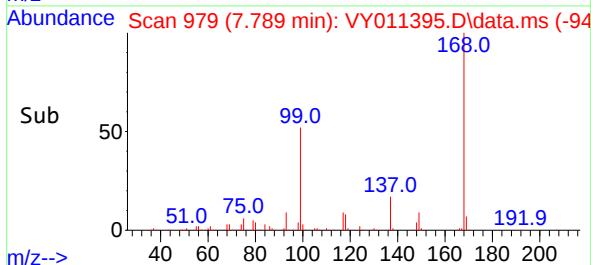
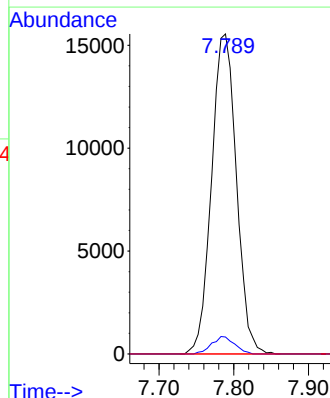
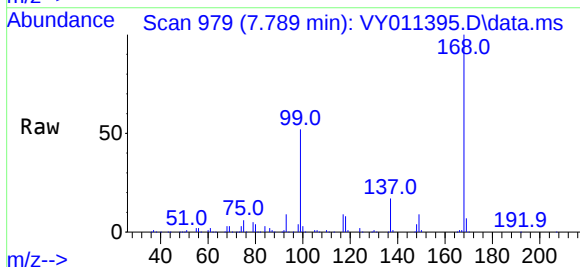
Tgt Ion: 117 Resp: 35934

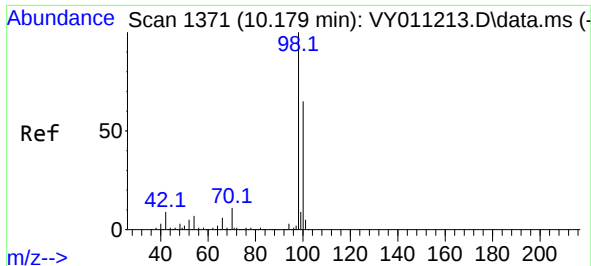
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

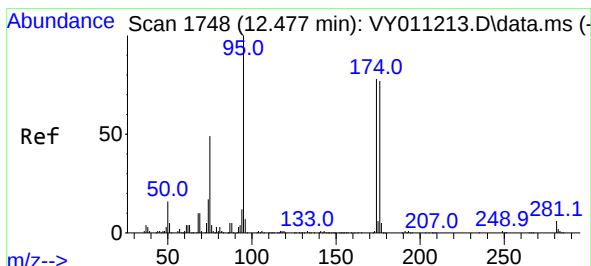
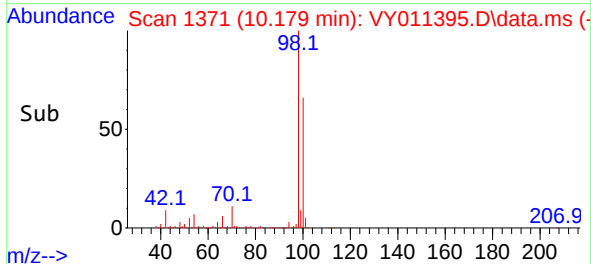
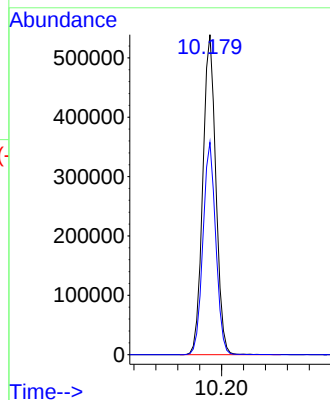
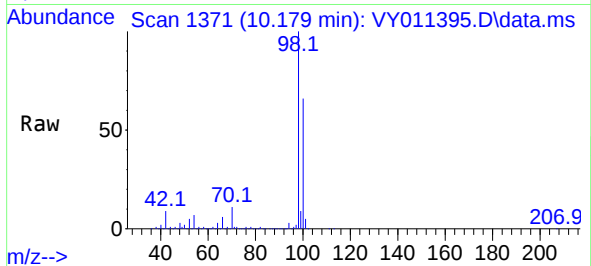




#50
Toluene-d8
Concen: 66.532 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

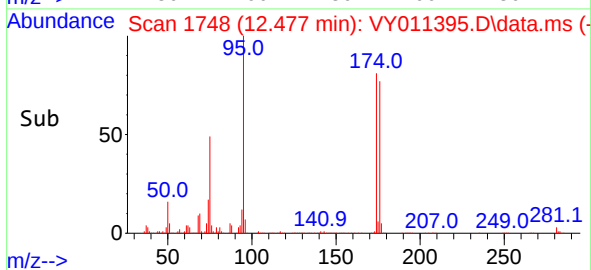
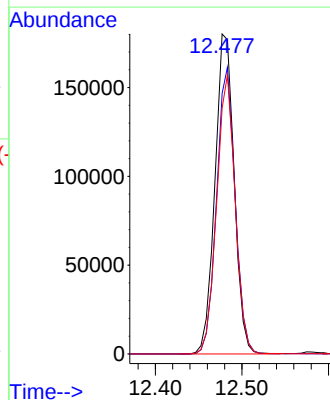
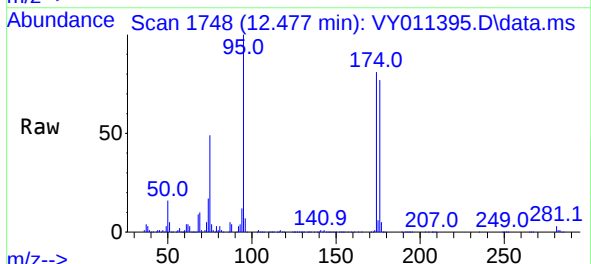
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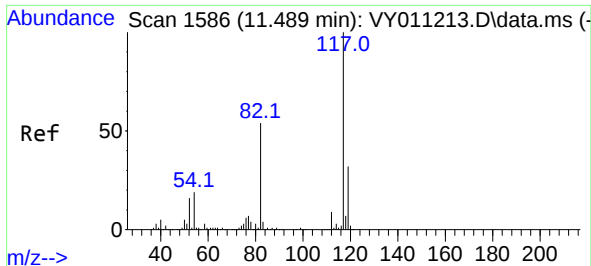
Tgt Ion: 98 Resp: 887471
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 59.680 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

Tgt Ion: 95 Resp: 277666
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 84.0 0.0 175.8

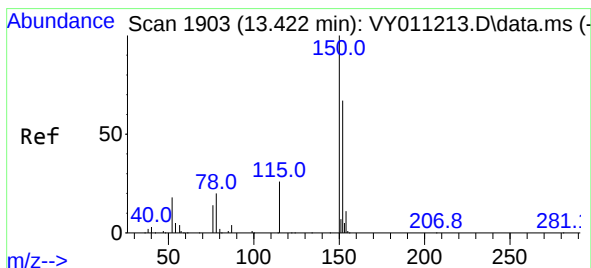
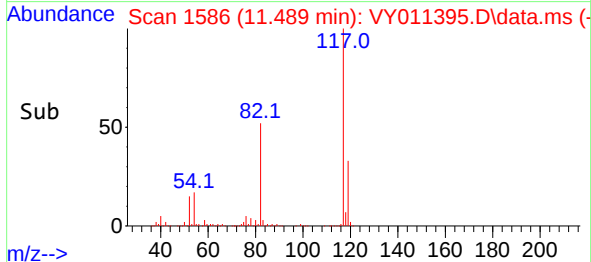
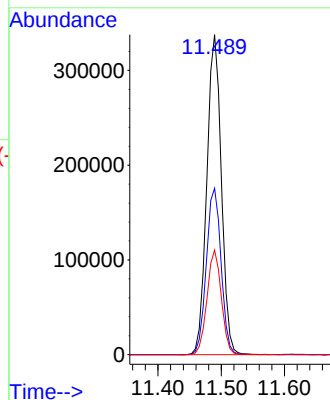
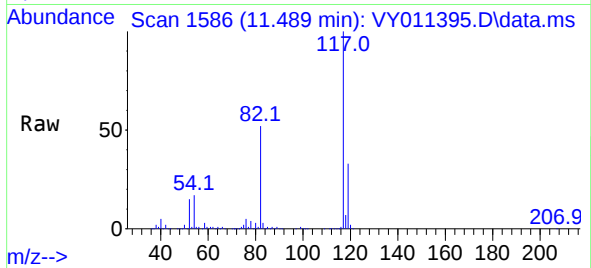




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

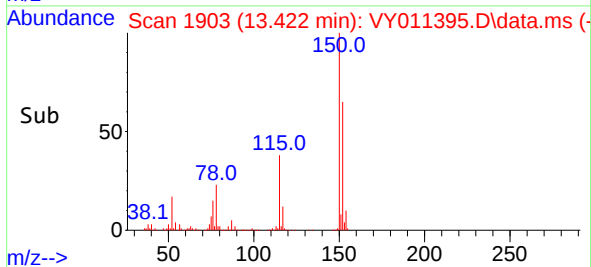
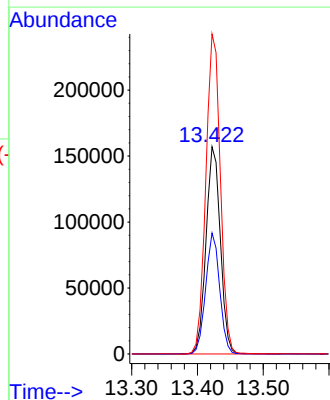
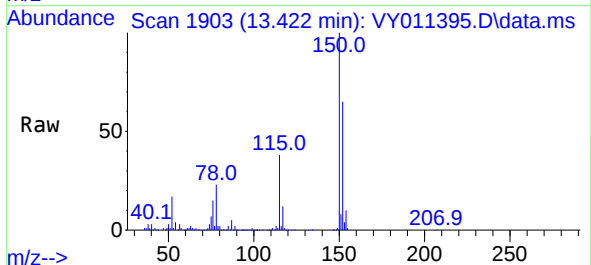
Instrument :
MSVOA_Y
ClientSampleId :
SB-07

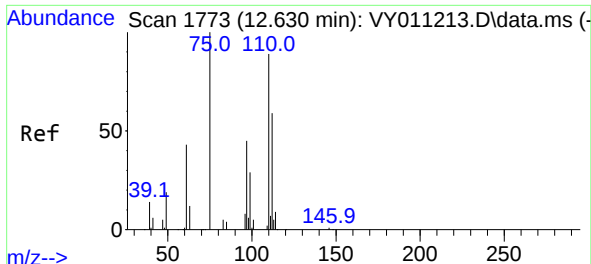
Tgt Ion:117 Resp: 540738
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

Tgt Ion:152 Resp: 238121
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 156.4 0.0 347.6

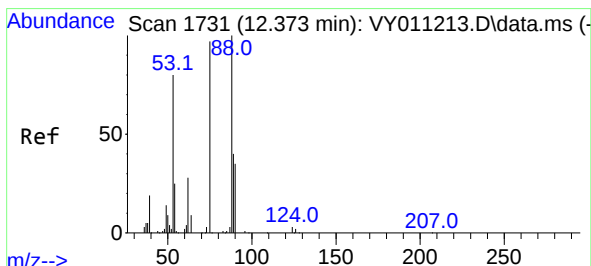
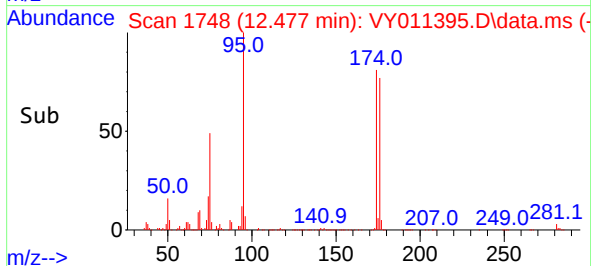
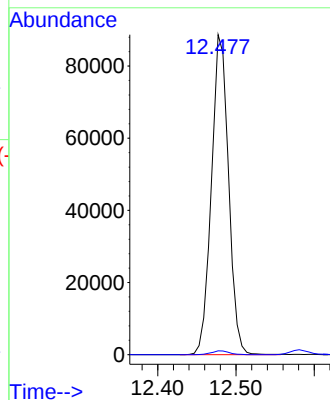
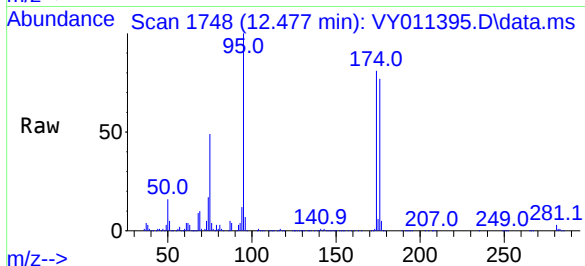




#76
1,2,3-Trichloropropane
Concen: 48.774 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

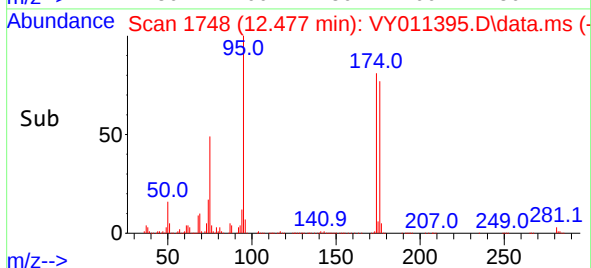
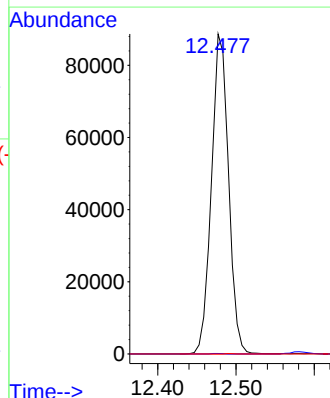
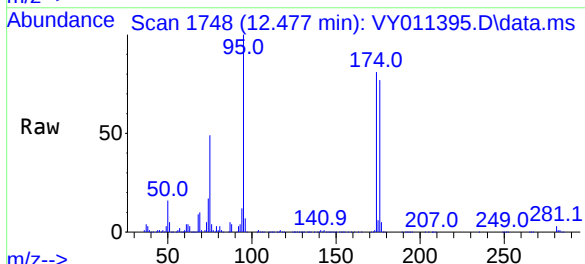
Instrument :
MSVOA_Y
ClientSampleId :
SB-07

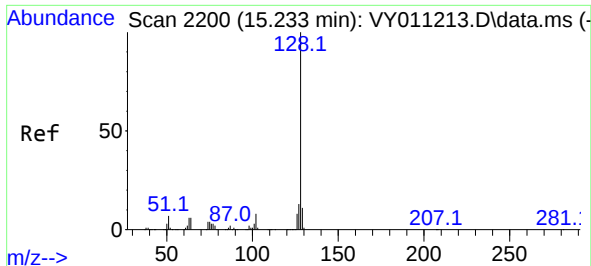
Tgt Ion: 75 Resp: 134437
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.238 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

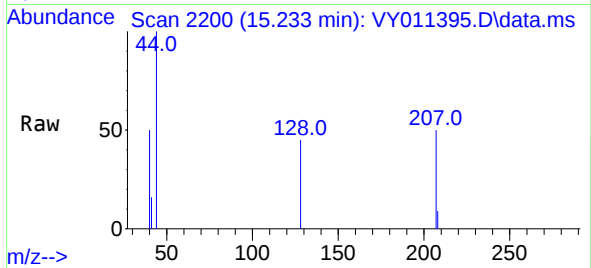
Tgt Ion: 75 Resp: 134437
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 3.324 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011395.D
Acq: 10 Nov 2022 17:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-07



Tgt Ion:128 Resp: 471
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

