

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007836.D
 Acq On : 10 Mar 2022 19:29
 Operator : SY/MD
 Sample : N1763-11RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-8-SAMPLE-LOCATION-4

Quant Time: Mar 10 23:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

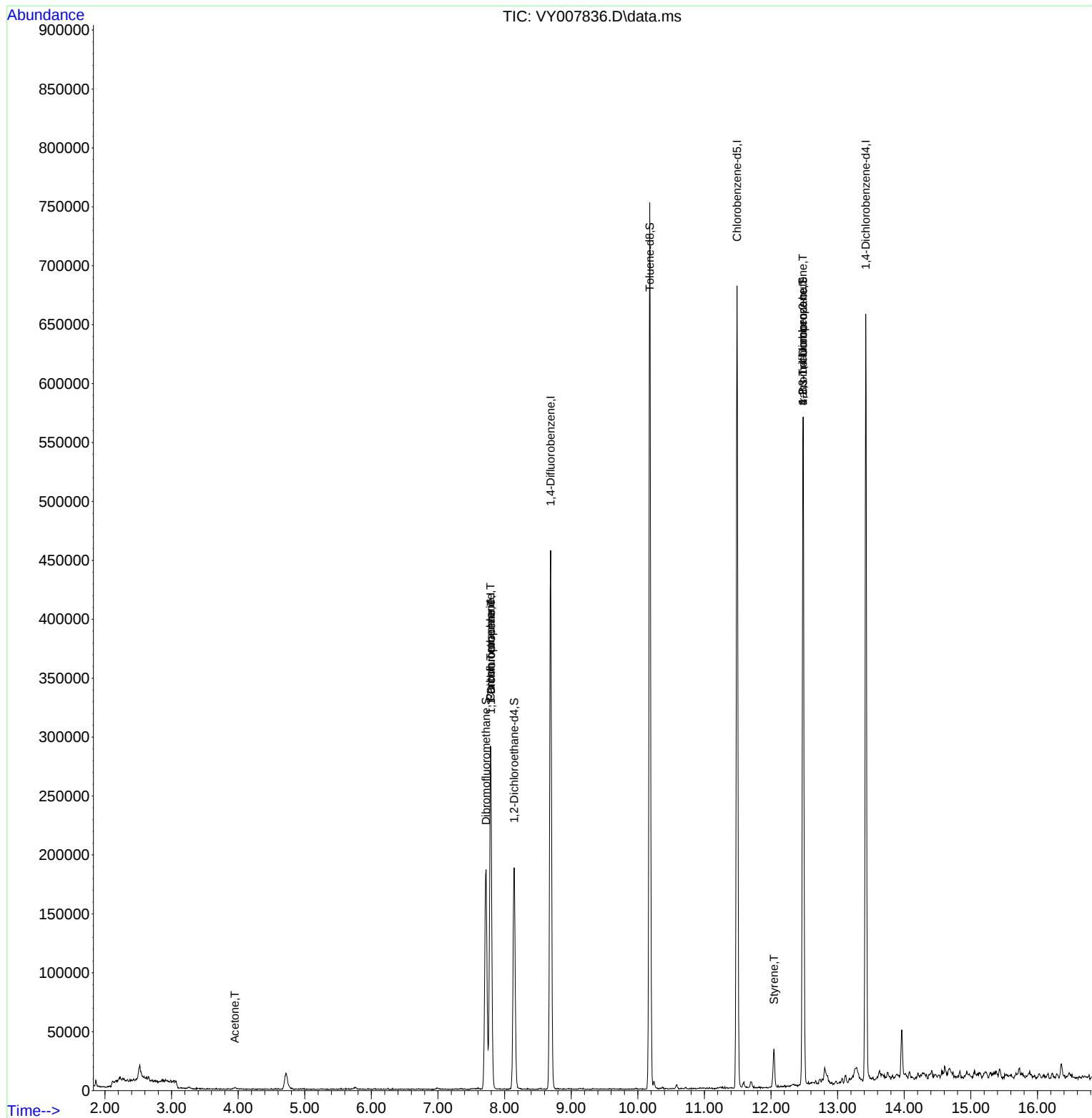
Internal Standards						
1) Pentafluorobenzene	7.789	168	216867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145242	63.972	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.940%			
35) Dibromofluoromethane	7.722	113	129418	53.294	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.580%			
50) Toluene-d8	10.179	98	464402	51.952	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.477	95	136489	47.368	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.740%			
Target Compounds						
2) Dichlorodifluoromethane	2.156	85	31	Below Cal	#	43
3) Chloromethane	2.113	50	1488	Below Cal	#	85
13) Acrolein	3.723	56	32	Below Cal	#	1
16) Acetone	3.948	43	2310	5.001	ug/l	91
18) Methyl Acetate	4.521	43	69	Below Cal	#	67
20) Methylene Chloride	4.728	84	9412	Below Cal	#	79
31) Cyclohexane	7.789	56	5123	Below Cal	#	6
36) 1,1-Dichloropropene	7.795	75	17844	4.671	ug/l	54
38) Carbon Tetrachloride	7.789	117	22035	5.407	ug/l	16
70) Styrene	12.044	104	14386	1.723	ug/l	87
76) 1,2,3-Trichloropropane	12.477	75	82867	48.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.477	75	82867	100.155	ug/l	7

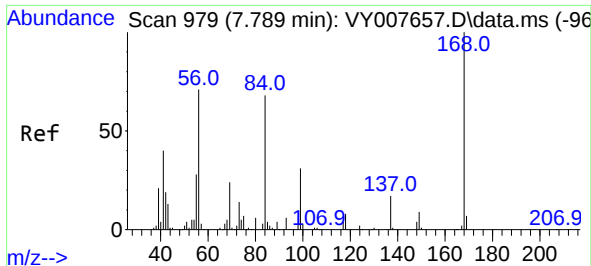
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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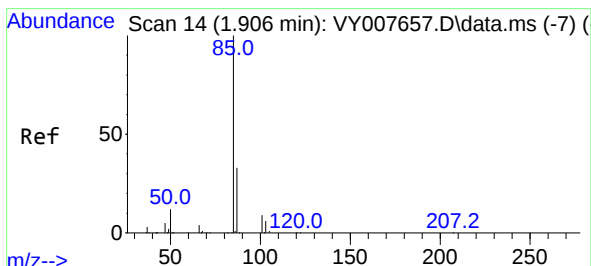
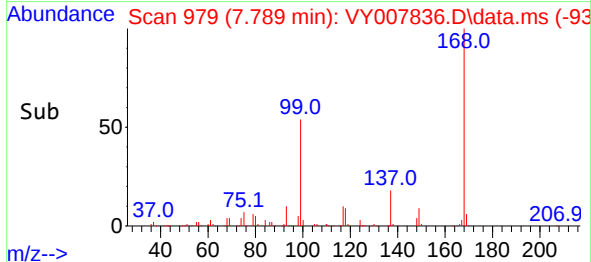
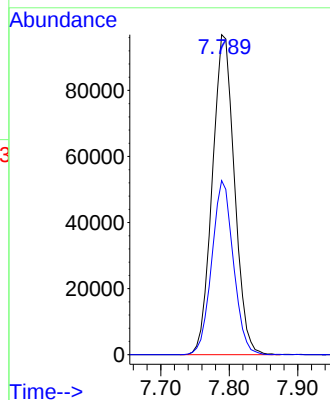
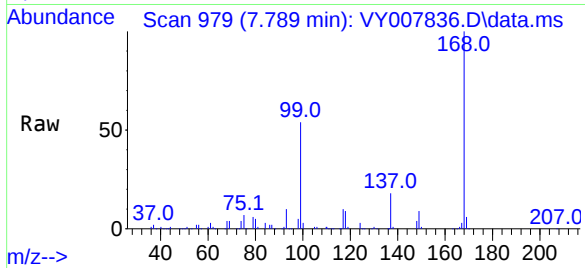




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

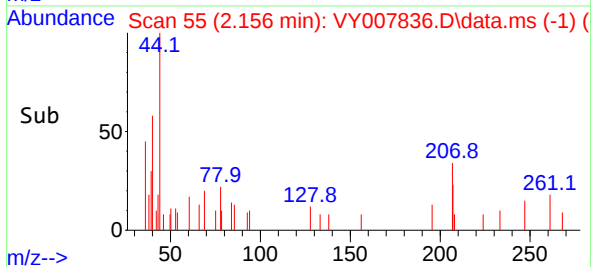
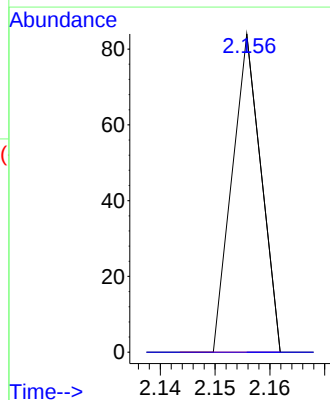
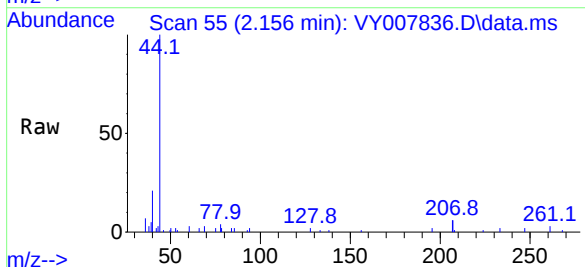
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

Tgt Ion:168 Resp: 216867
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3

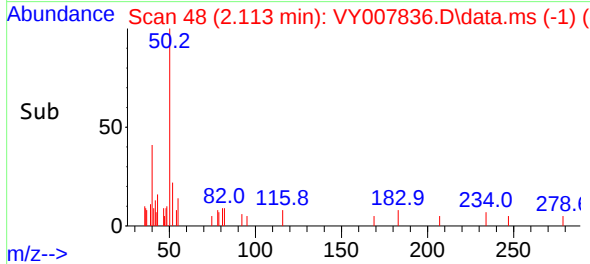
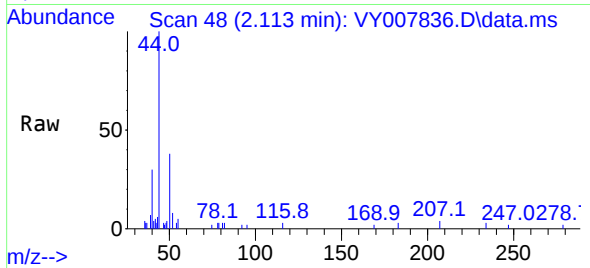
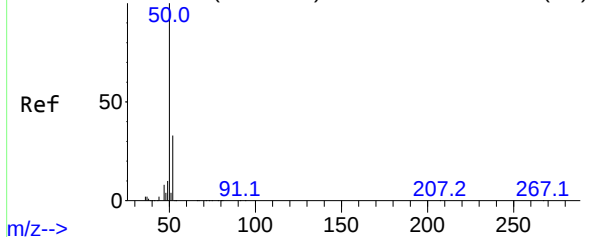


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.156 min Scan# 55
Delta R.T. 0.250 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

Tgt Ion: 85 Resp: 31
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

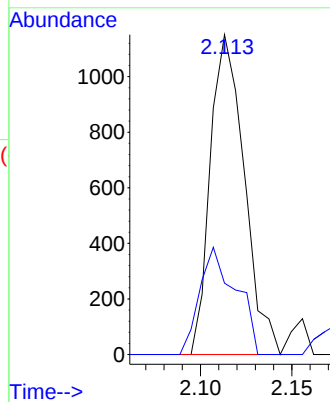
7-8-SAMPLE-LOCATION-4

Tgt Ion: 50 Resp: 1488

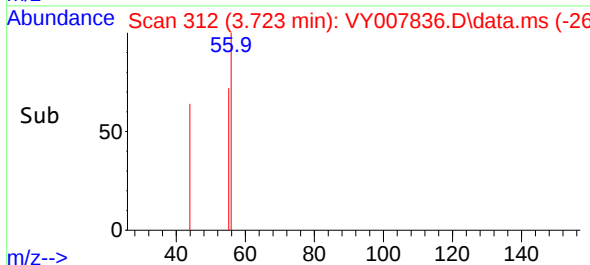
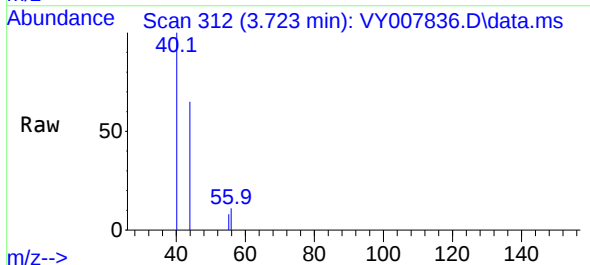
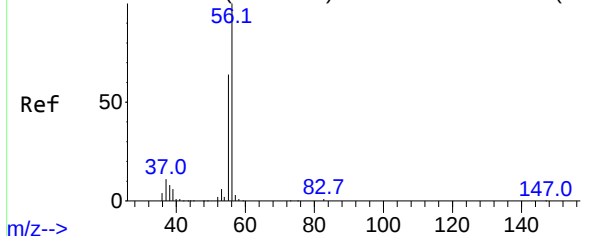
Ion Ratio Lower Upper

50 100

52 22.3 24.6 37.0#



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.723 min Scan# 312

Delta R.T. -0.006 min

Lab File: VY007836.D

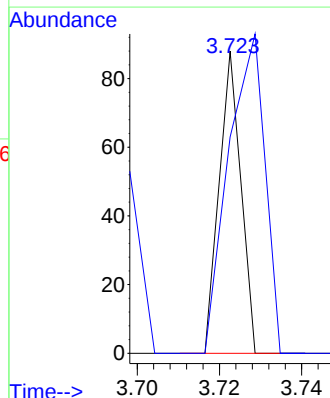
Acq: 10 Mar 2022 19:29

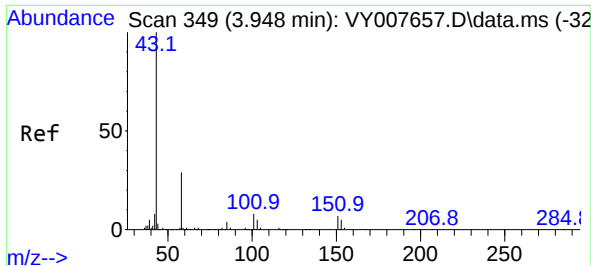
Tgt Ion: 56 Resp: 32

Ion Ratio Lower Upper

56 100

55 178.1 57.6 86.4#

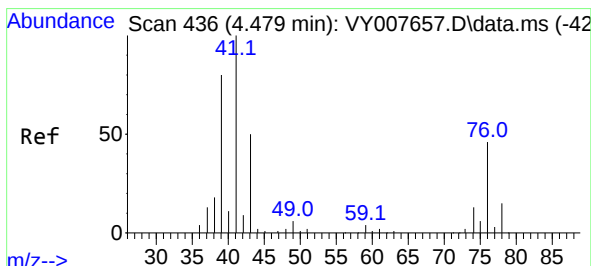
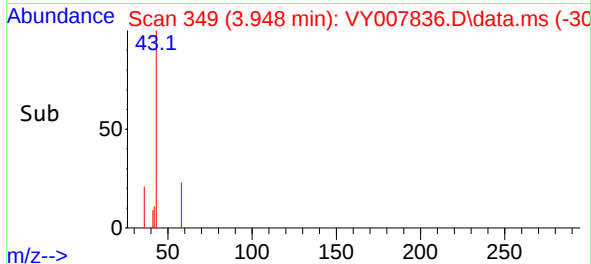
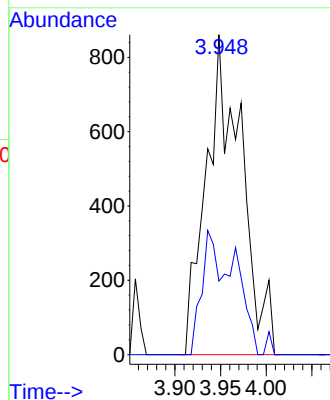
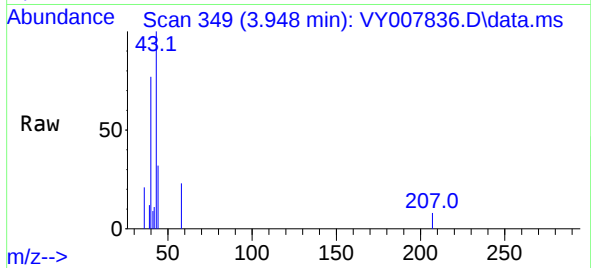




#16
Acetone
Concen: 5.001 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

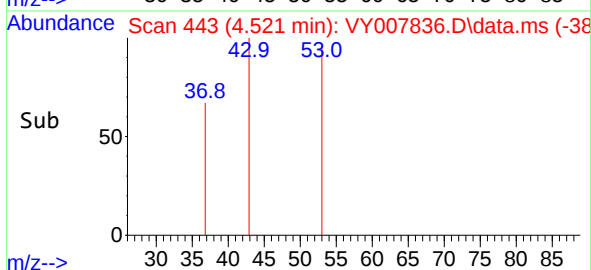
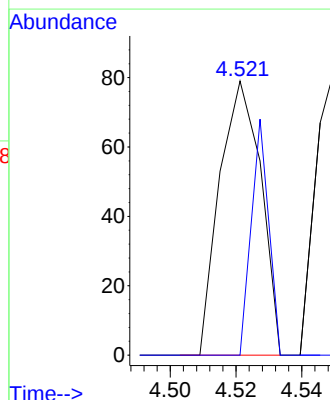
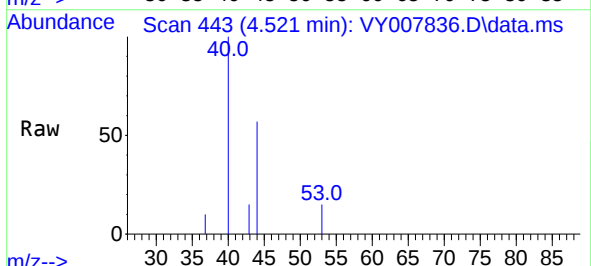
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

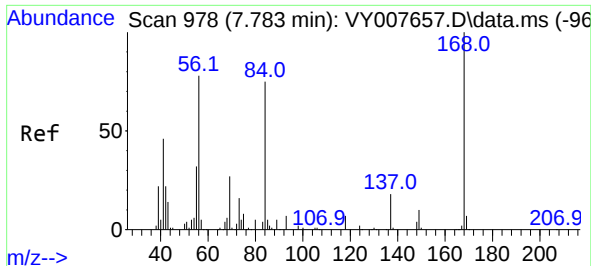
Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
58 23.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.521 min Scan# 443
Delta R.T. 0.042 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
74 36.2 16.6 24.8#

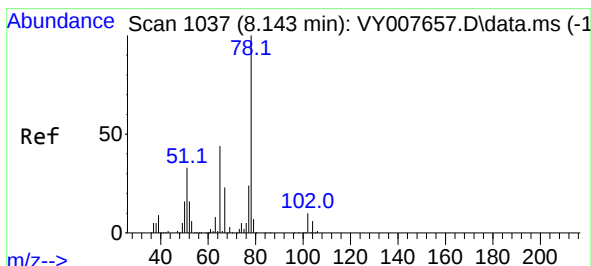
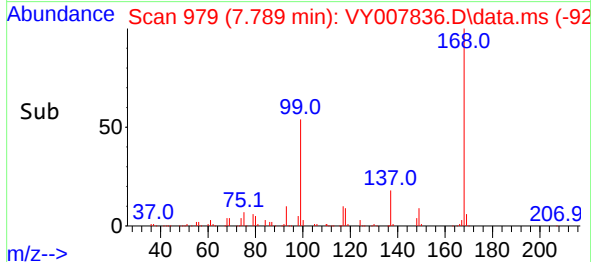
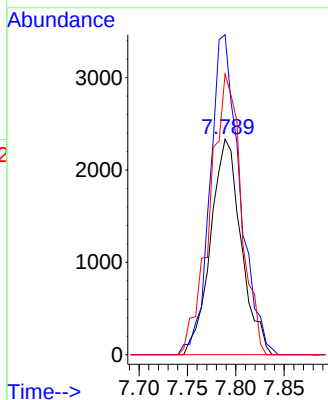
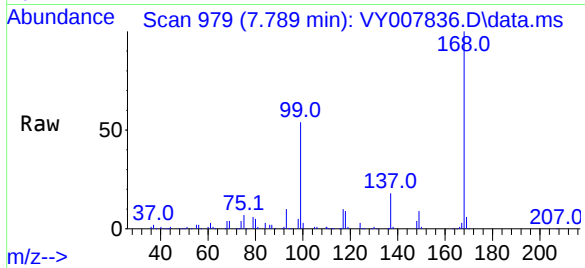




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

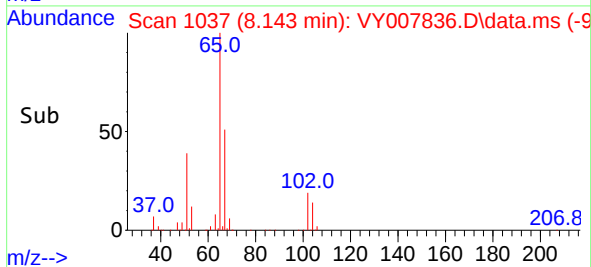
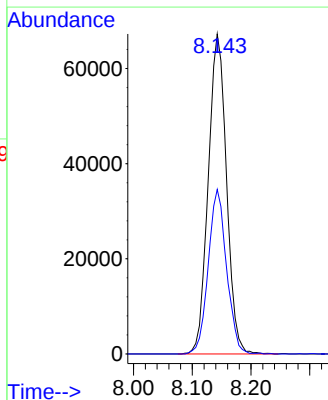
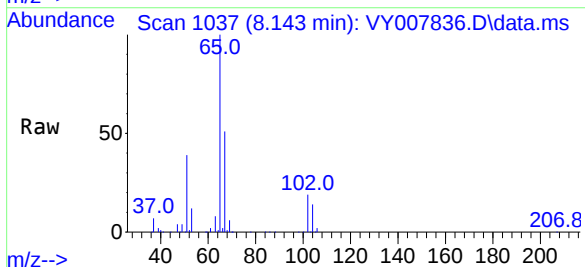
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

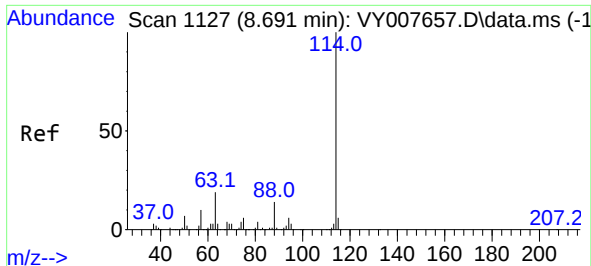
Tgt Ion: 56 Resp: 5123
Ion Ratio Lower Upper
56 100
69 148.5 26.7 40.1#
84 130.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.972 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

Tgt Ion: 65 Resp: 145242
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

7-8-SAMPLE-LOCATION-4

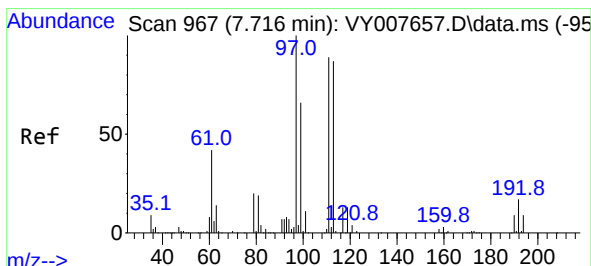
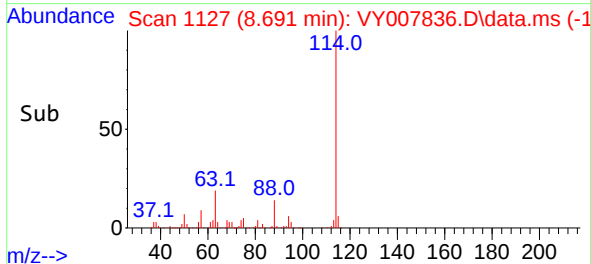
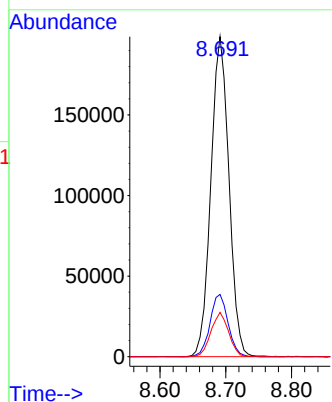
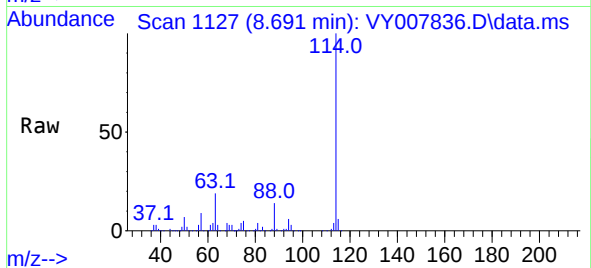
Tgt Ion:114 Resp: 379833

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.294 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

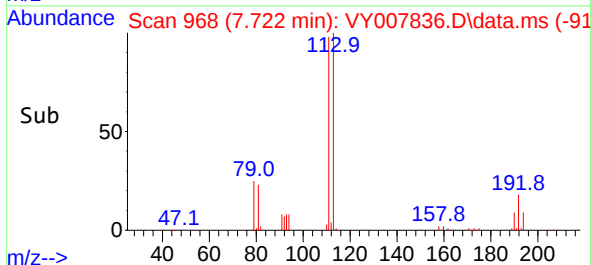
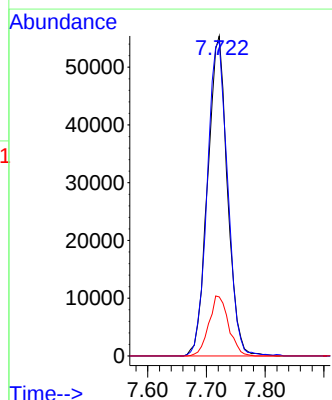
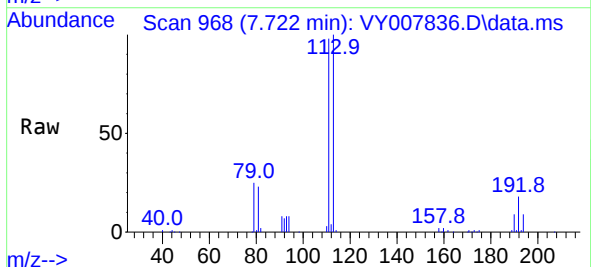
Tgt Ion:113 Resp: 129418

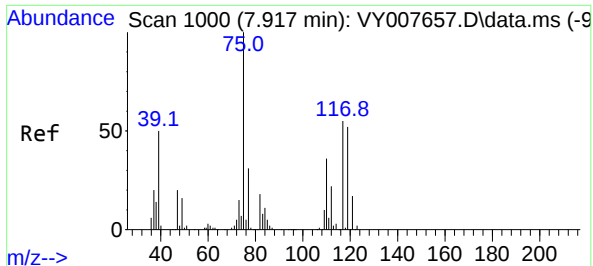
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 18.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.671 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

7-8-SAMPLE-LOCATION-4

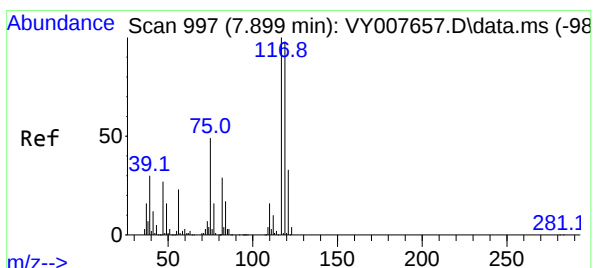
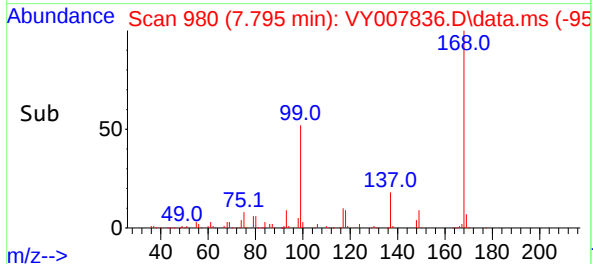
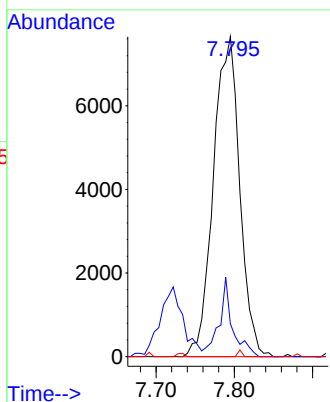
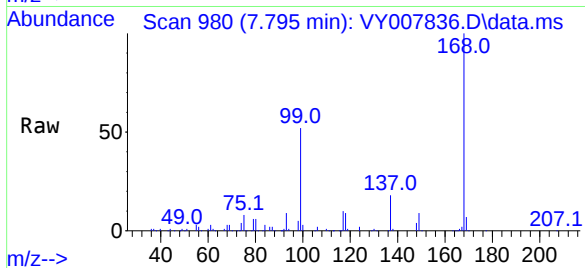
Tgt Ion: 75 Resp: 17844

Ion Ratio Lower Upper

75 100

110 12.6 17.1 51.2#

77 0.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.407 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

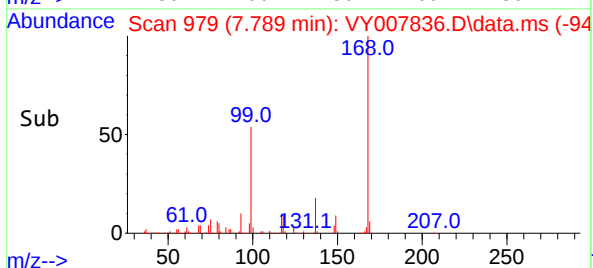
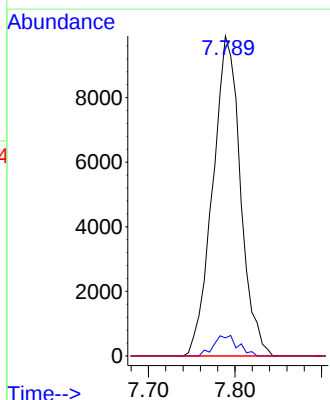
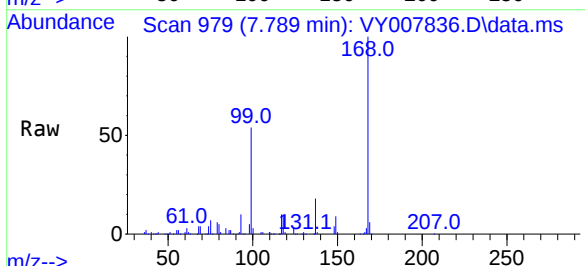
Tgt Ion: 117 Resp: 22035

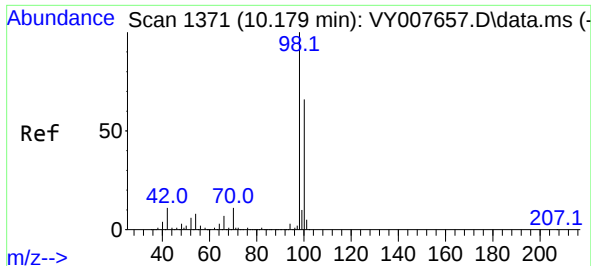
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

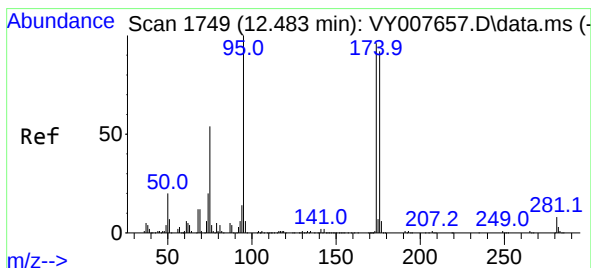
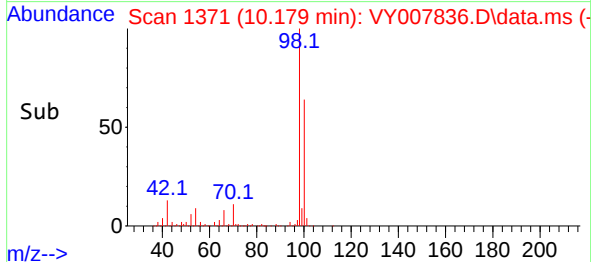
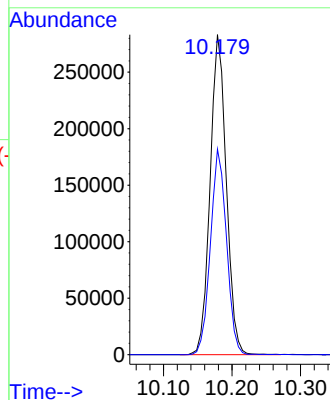
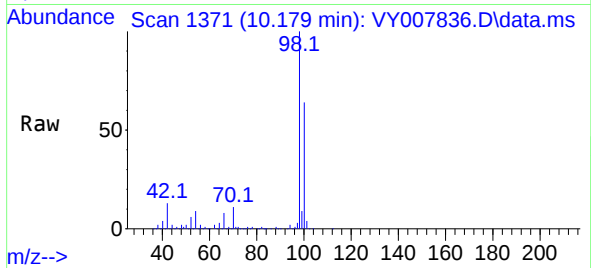




#50
Toluene-d8
Concen: 51.952 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

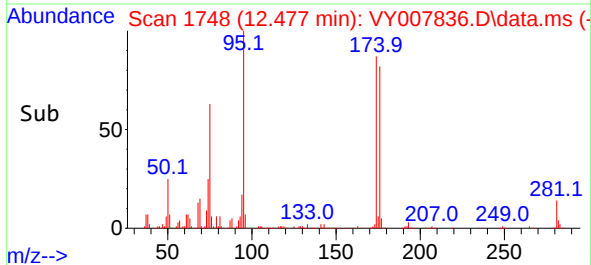
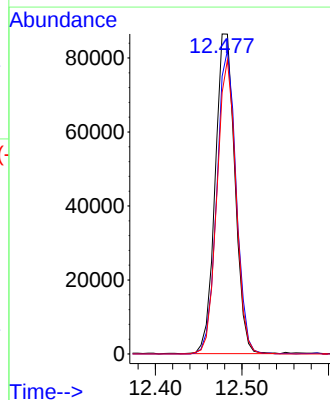
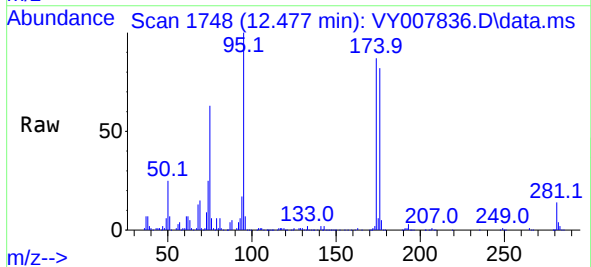
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7-8-SAMPLE-LOCATION-4

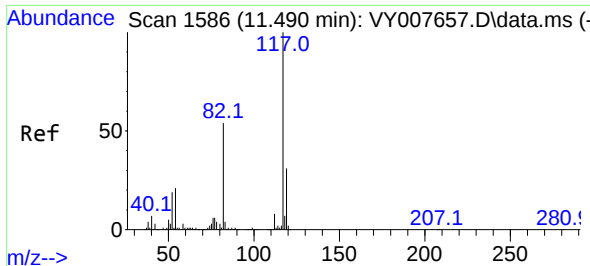
Tgt Ion: 98 Resp: 464402
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

Tgt Ion: 95 Resp: 136489
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 88.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

7-8-SAMPLE-LOCATION-4

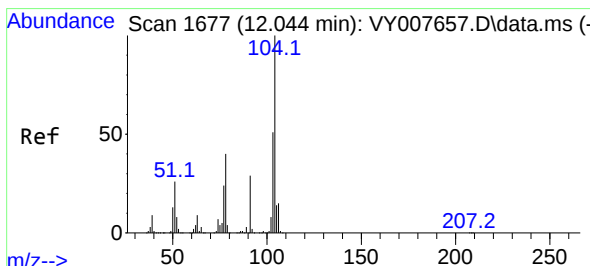
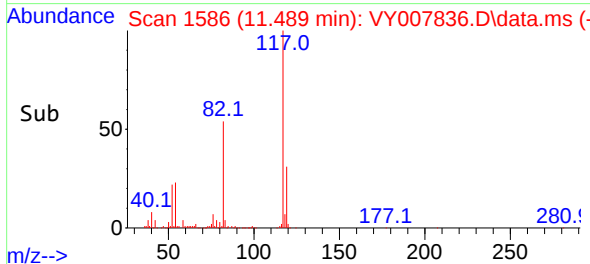
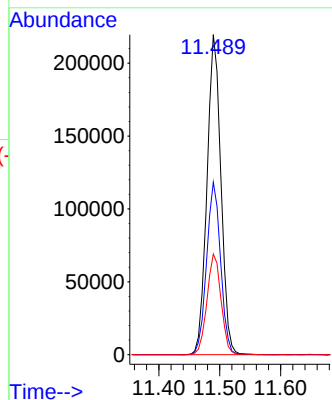
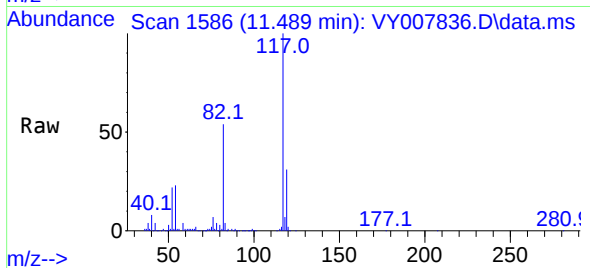
Tgt Ion:117 Resp: 349059

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 31.4 25.4 38.0



#70

Styrene

Concen: 1.723 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

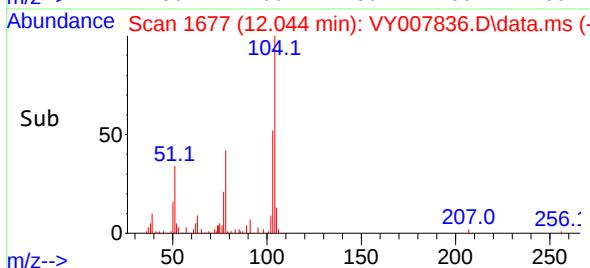
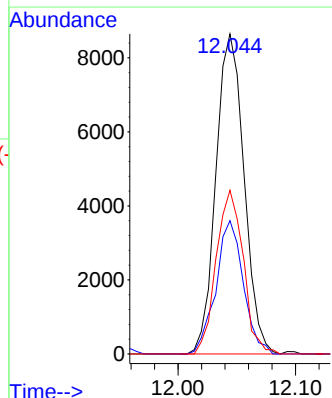
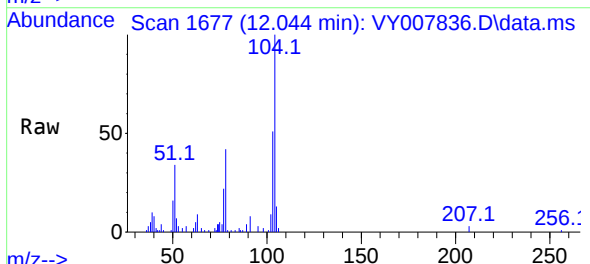
Tgt Ion:104 Resp: 14386

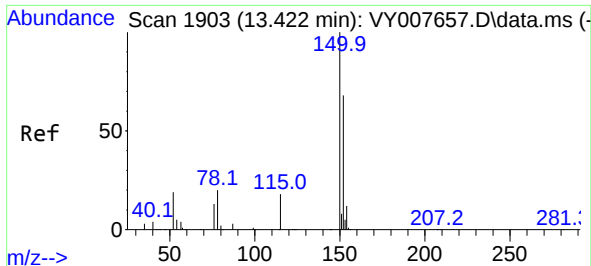
Ion Ratio Lower Upper

104 100

78 40.8 42.4 63.6#

103 49.1 44.4 66.6

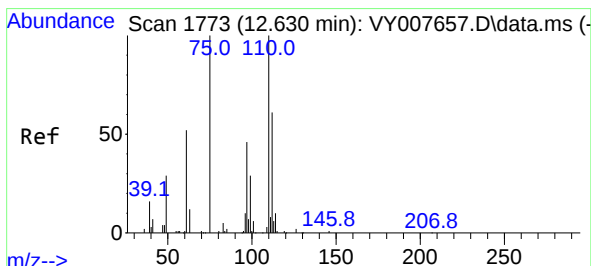
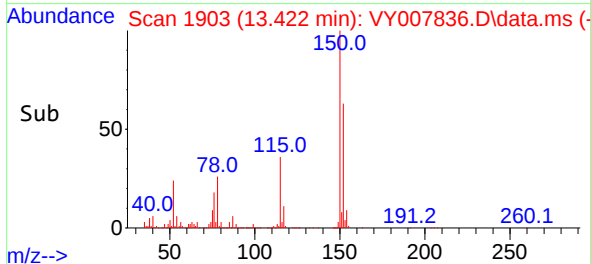
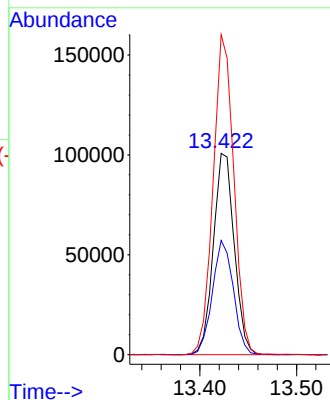
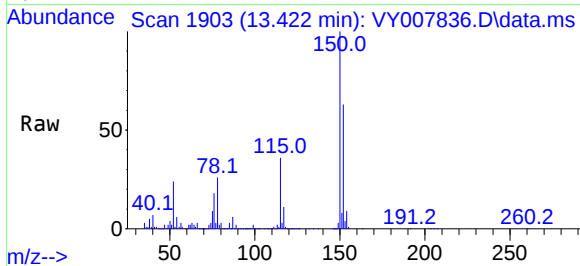




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007836.D
 Acq: 10 Mar 2022 19:29

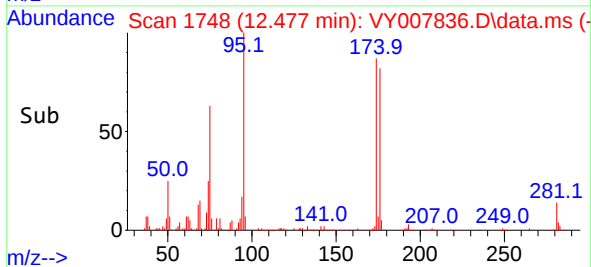
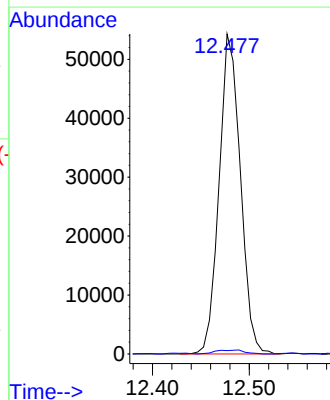
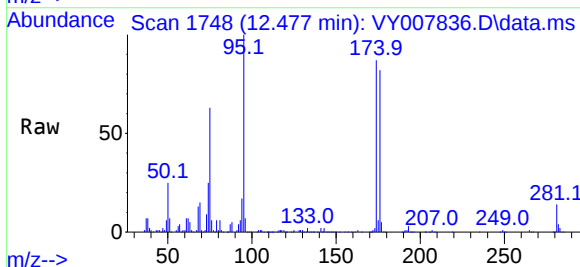
Instrument : MSVOA_Y
 ClientSampleId : 7-8-SAMPLE-LOCATION-4

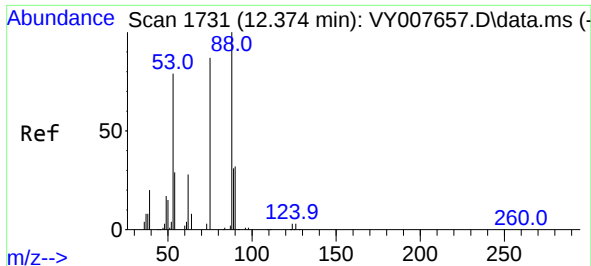
Tgt Ion:152 Resp: 151464
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.990 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007836.D
 Acq: 10 Mar 2022 19:29

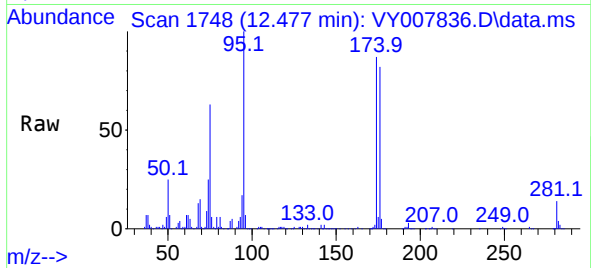
Tgt Ion: 75 Resp: 82867
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.155 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007836.D
 Acq: 10 Mar 2022 19:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-8-SAMPLE-LOCATION-4



Tgt Ion: 75 Resp: 82867
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 0.1 37.0 55.4#

