

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007813.D
 Acq On : 09 Mar 2022 20:37
 Operator : SY/MD
 Sample : N1825-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:05:53 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)

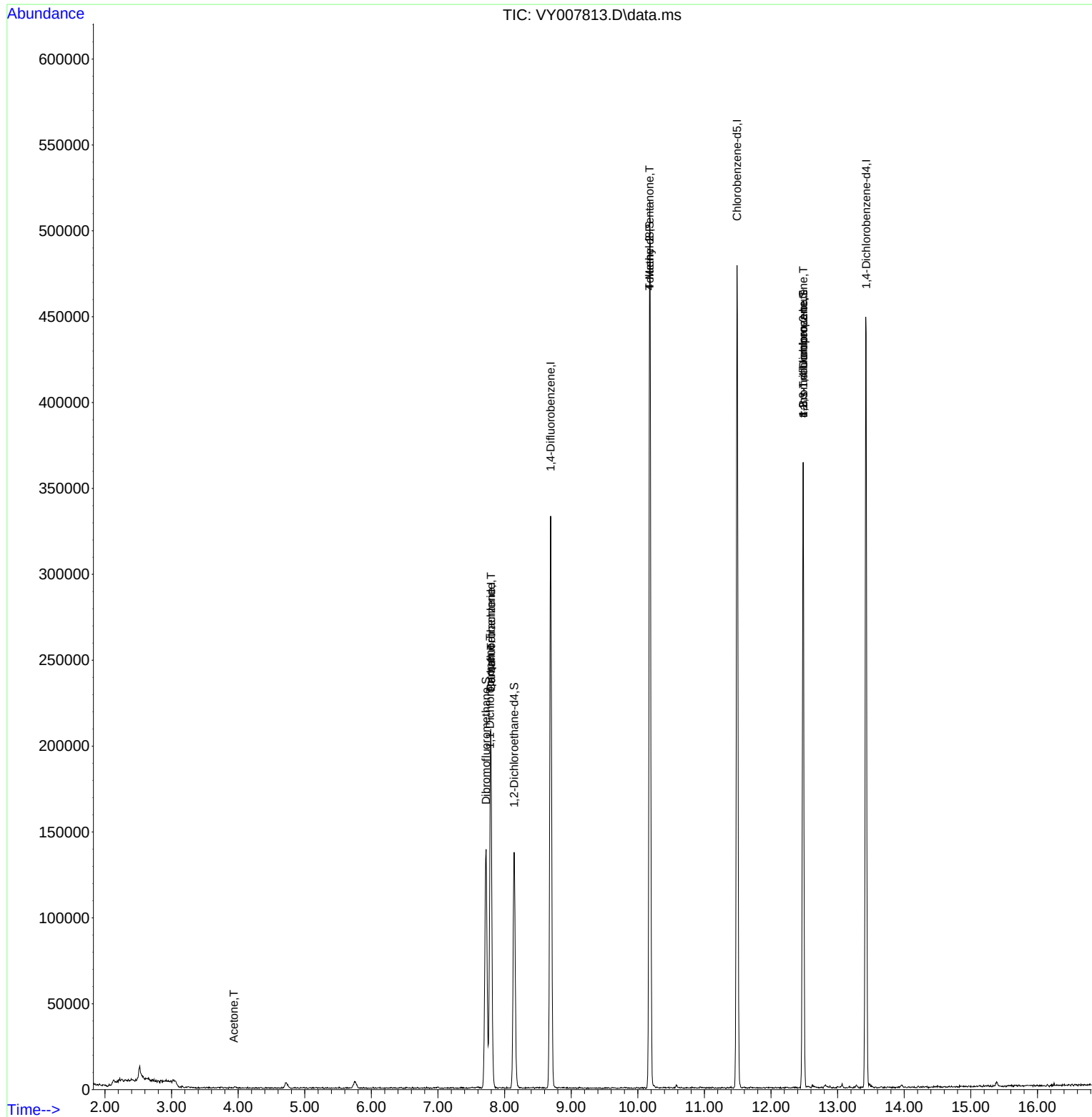
Internal Standards						
1) Pentafluorobenzene	7.795	168	154646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	271709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103743	64.078	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.160%		
35) Dibromofluoromethane	7.722	113	94029	54.129	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.260%		
50) Toluene-d8	10.179	98	336842	52.677	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.360%		
62) 4-Bromofluorobenzene	12.483	95	97931	47.511	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 95.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	741	Below Cal	#	53
13) Acrolein	3.966	56	23	Below Cal	#	14
16) Acetone	3.936	43	737	2.238	ug/l #	47
18) Methyl Acetate	4.503	43	77	Below Cal	#	56
20) Methylene Chloride	4.722	84	1931	Below Cal	#	59
31) Cyclohexane	7.795	56	3970	Below Cal	#	30
36) 1,1-Dichloropropene	7.783	75	12782	4.677	ug/l #	51
38) Carbon Tetrachloride	7.795	117	16711	5.733	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1906	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	56785	46.788	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56785	95.653	ug/l #	7

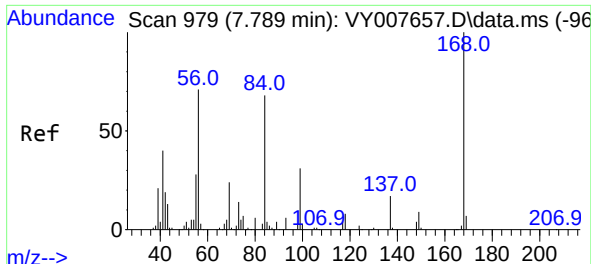
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
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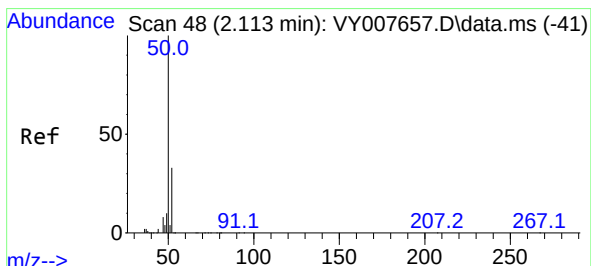
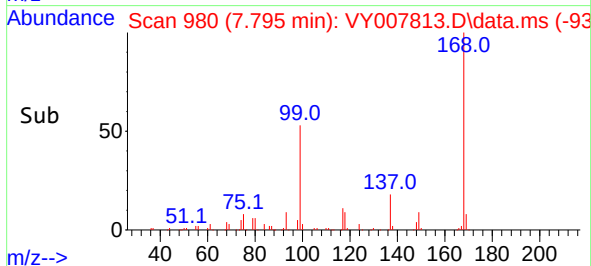
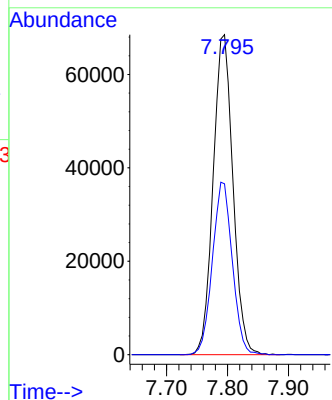
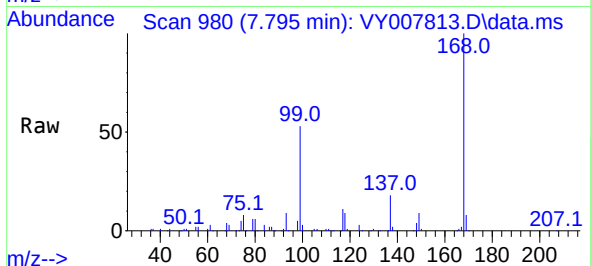




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

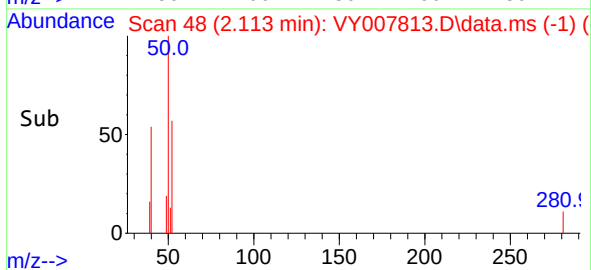
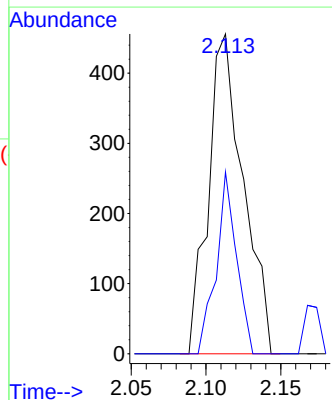
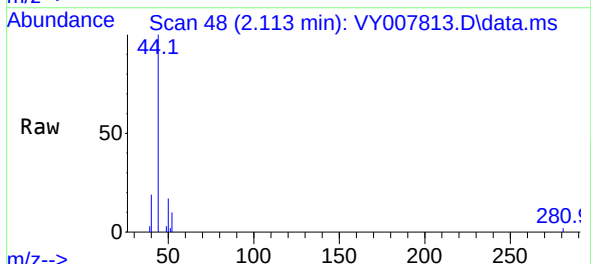
Instrument :
MSVOA_Y
ClientSampleId :

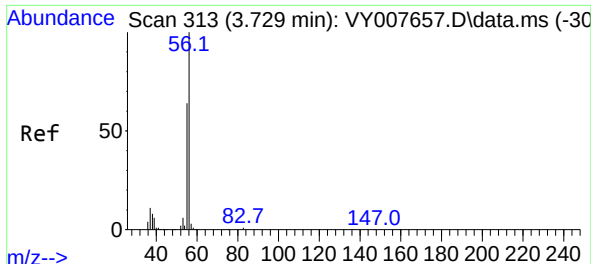
Tgt Ion:168 Resp: 154646
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Tgt Ion: 50 Resp: 741
Ion Ratio Lower Upper
50 100
52 56.8 24.6 37.0#

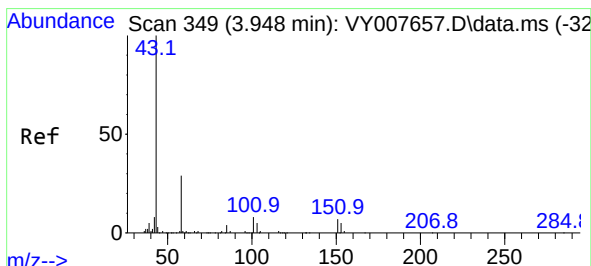
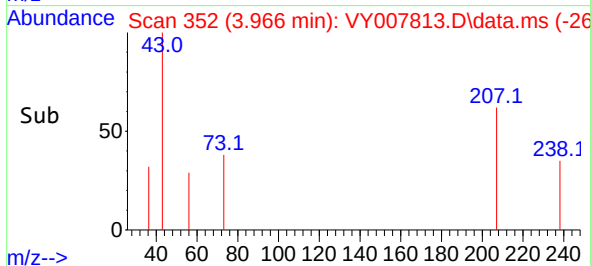
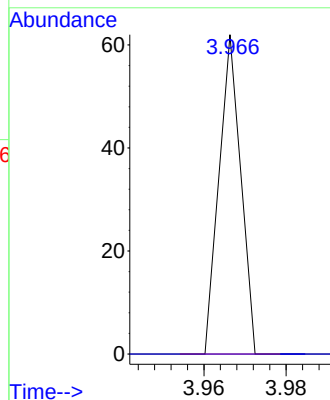
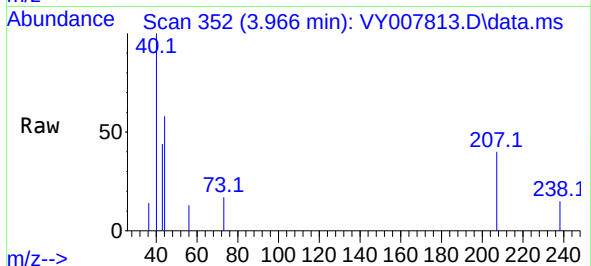




#13
Acrolein
Concen: Below Cal
RT: 3.966 min Scan# 313
Delta R.T. 0.237 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

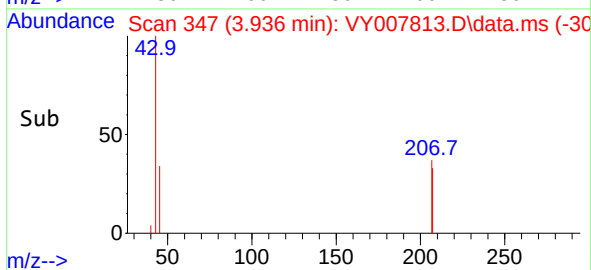
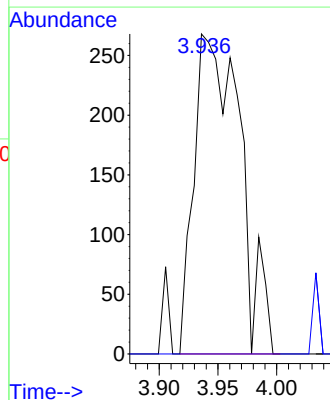
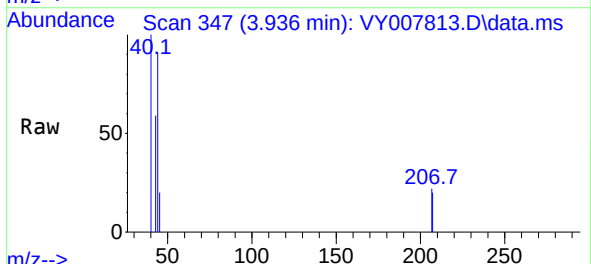
Instrument :
MSVOA_Y
ClientSampleId :

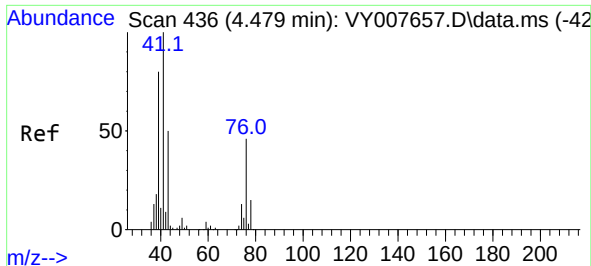
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 2.238 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

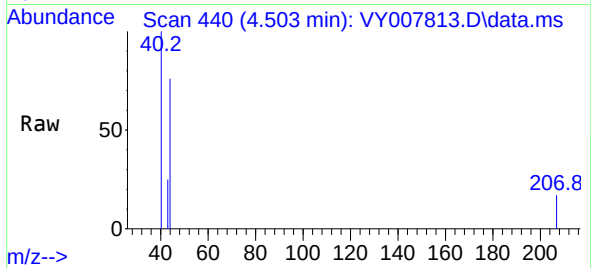
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



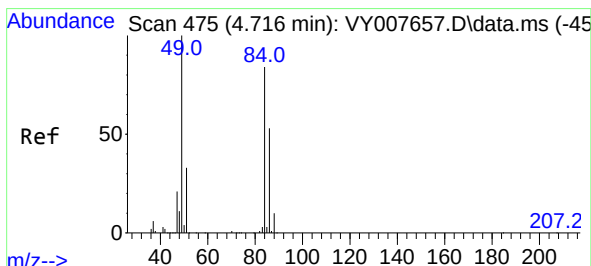
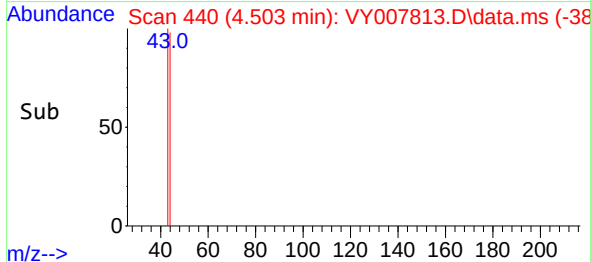
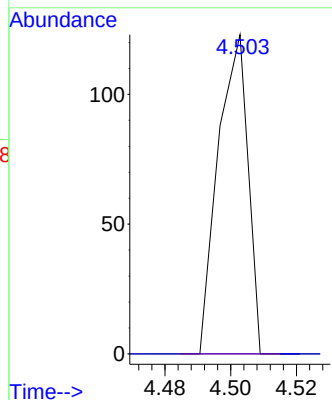


#18
Methyl Acetate
Concen: Below Cal
RT: 4.503 min Scan# 44
Delta R.T. 0.024 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :

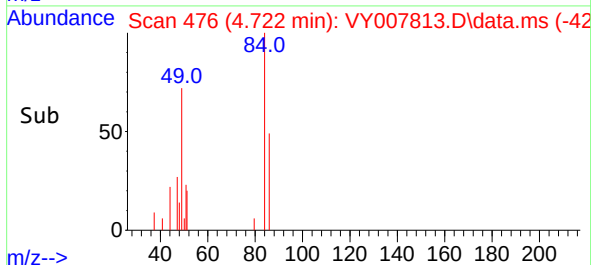
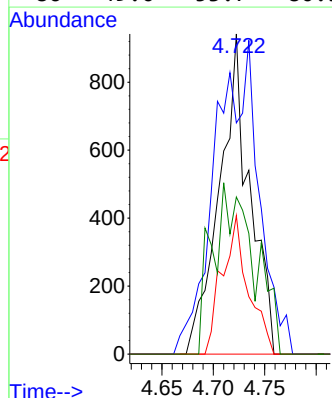
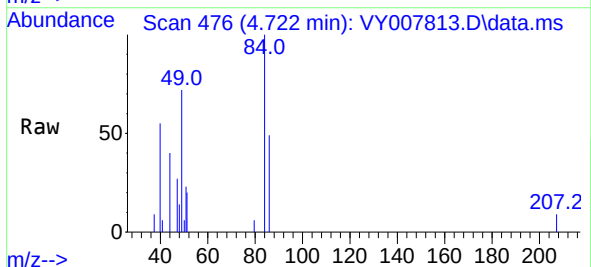


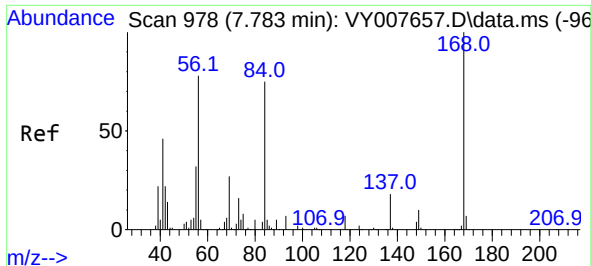
Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

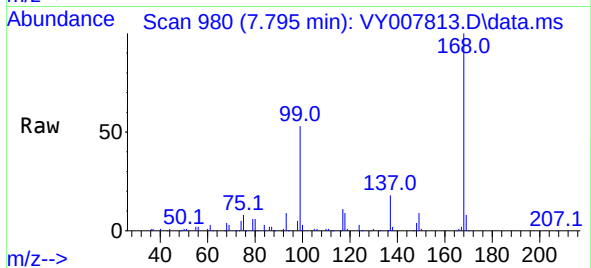
Tgt Ion: 84 Resp: 1931
Ion Ratio Lower Upper
84 100
49 66.5 114.4 171.6#
51 43.2 35.3 52.9
86 49.0 53.7 80.5#



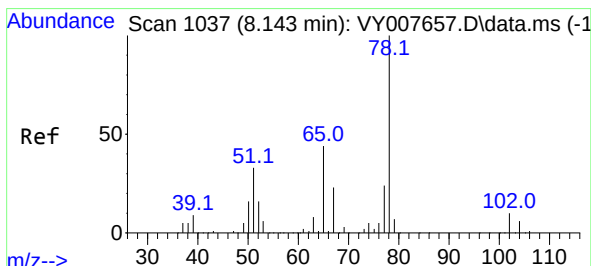
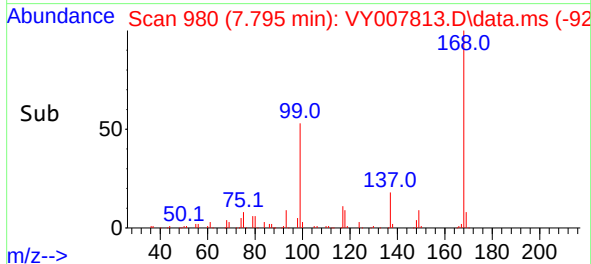
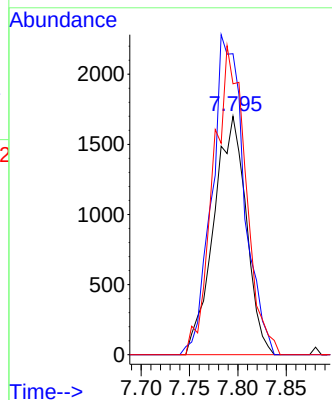


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :

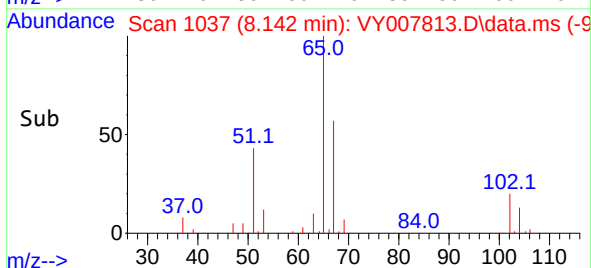
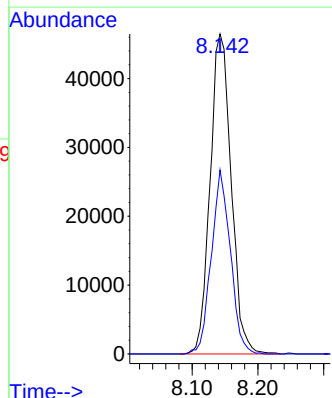
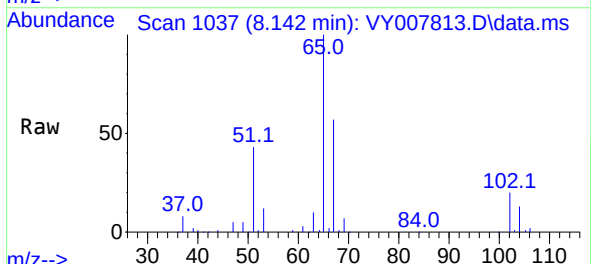


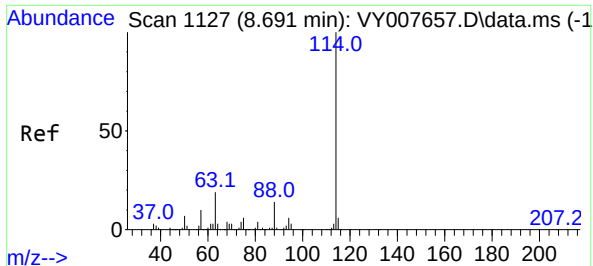
Tgt Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 126.2 26.7 40.1#
84 113.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.078 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Tgt Ion: 65 Resp: 103743
Ion Ratio Lower Upper
65 100
67 52.0 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: VY007813.D

Acq: 09 Mar 2022 20:37

Instrument :

MSVOA_Y

ClientSampleId :

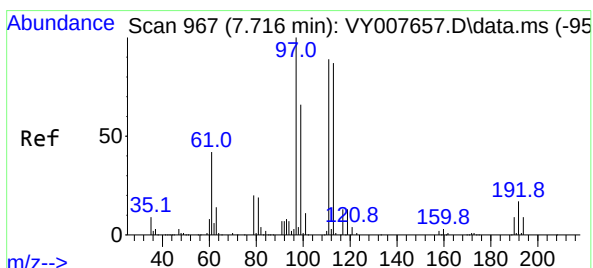
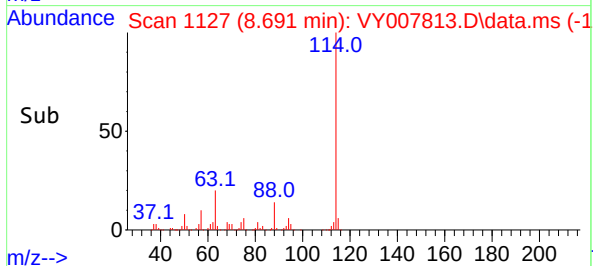
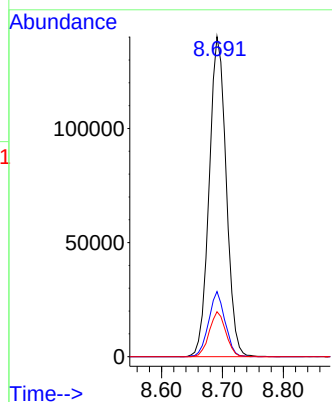
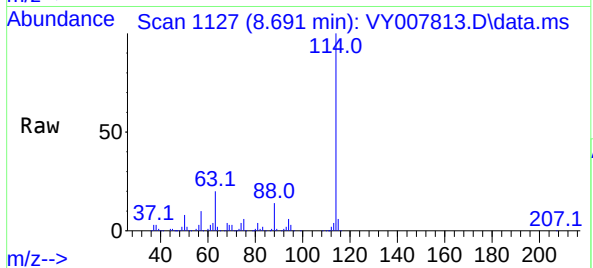
Tgt Ion:114 Resp: 271709

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.129 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007813.D

Acq: 09 Mar 2022 20:37

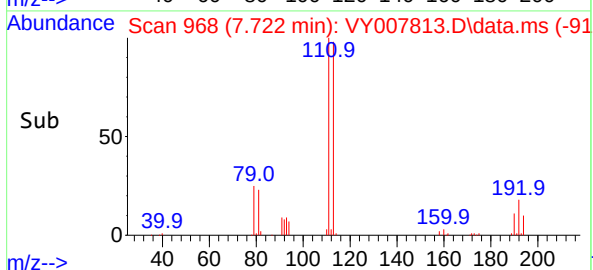
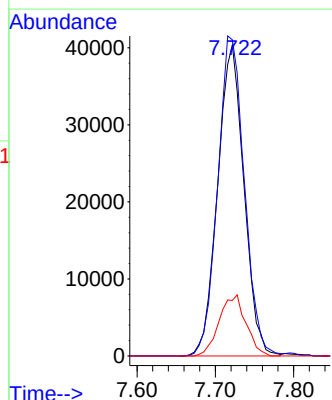
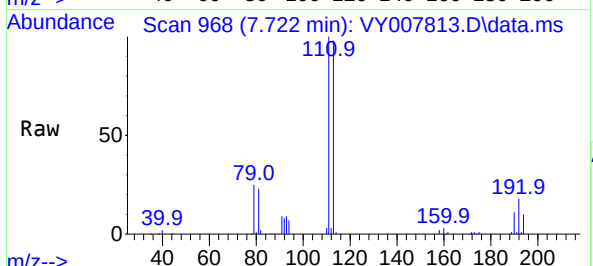
Tgt Ion:113 Resp: 94029

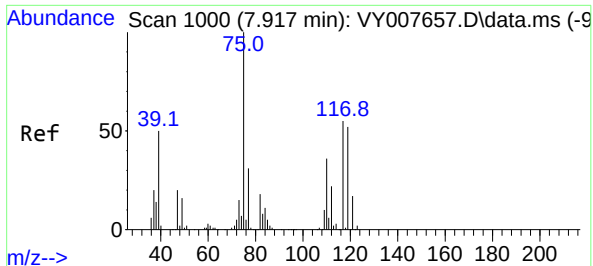
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

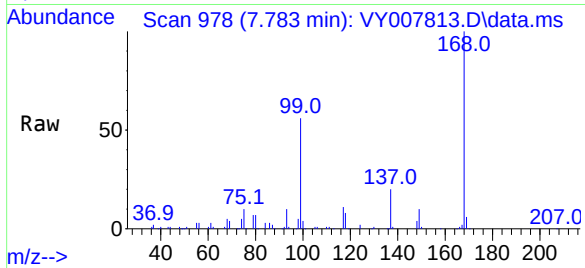
192 19.9 17.6 26.4



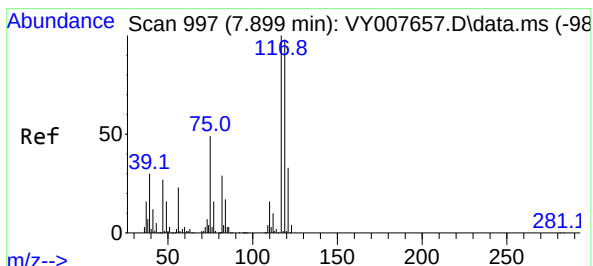
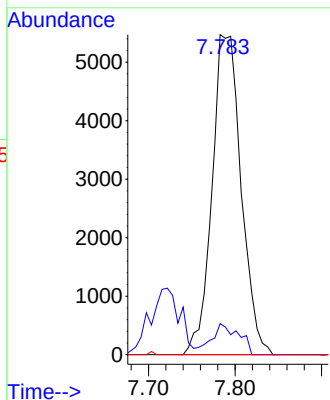
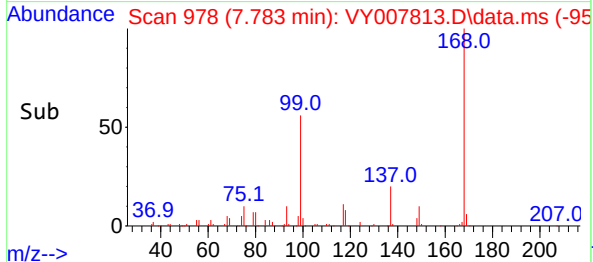


#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

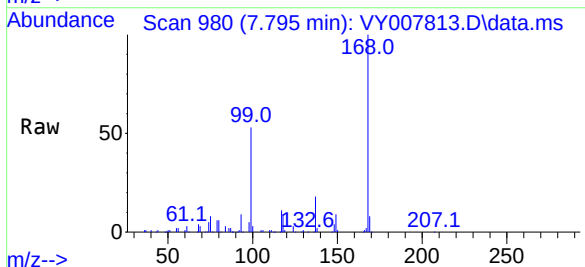
Instrument :
MSVOA_Y
ClientSampleId :



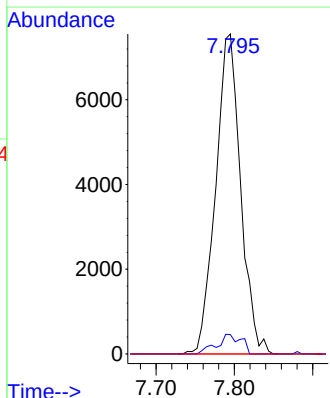
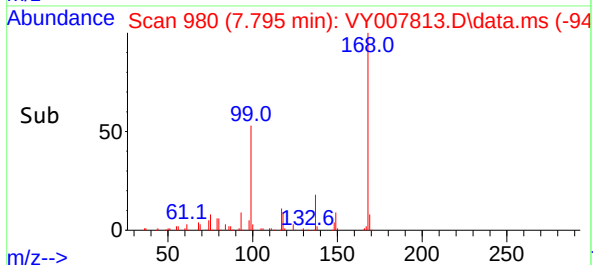
Tgt Ion: 75 Resp: 12782
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

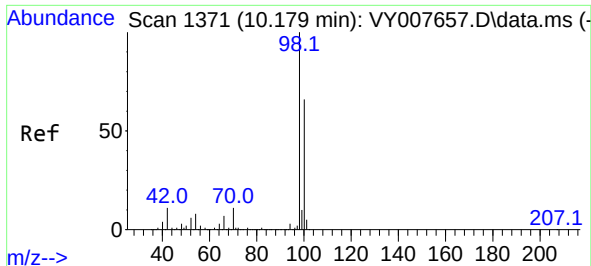


#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37



Tgt Ion: 117 Resp: 16711
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#

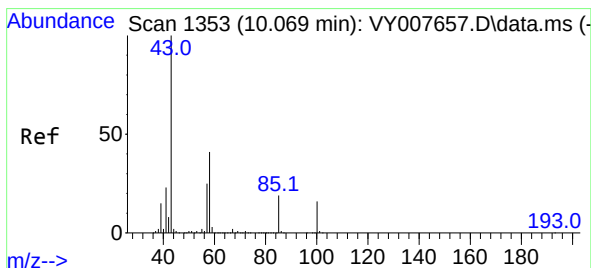
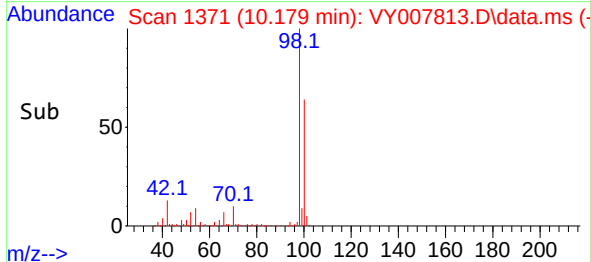
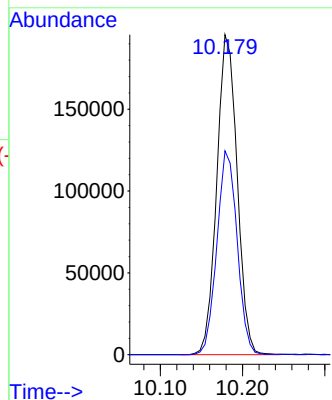
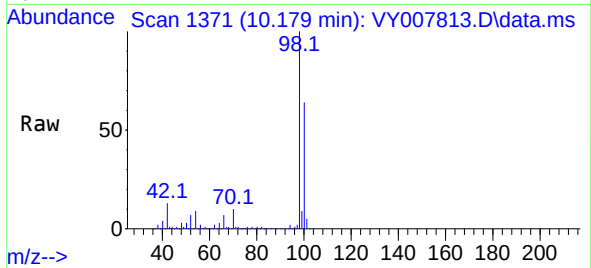




#50
Toluene-d8
Concen: 52.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

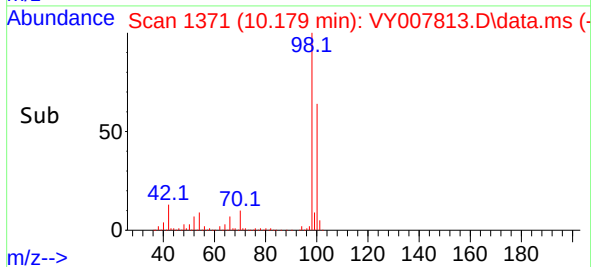
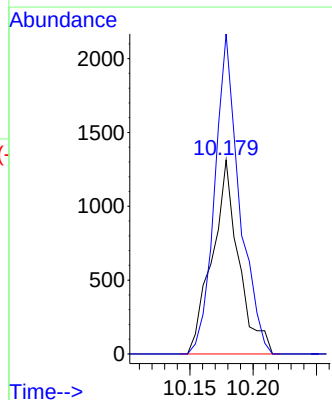
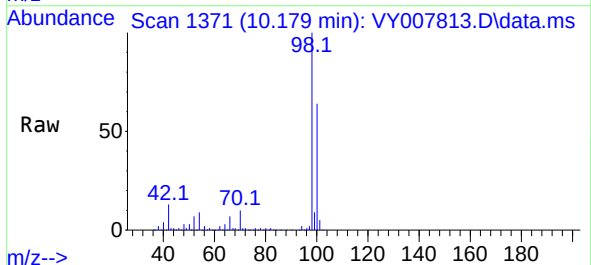
Instrument :
MSVOA_Y
ClientSampleId :

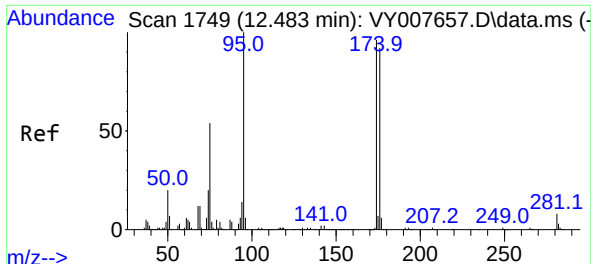
Tgt Ion: 98 Resp: 336842
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
58 154.2 28.1 42.1#

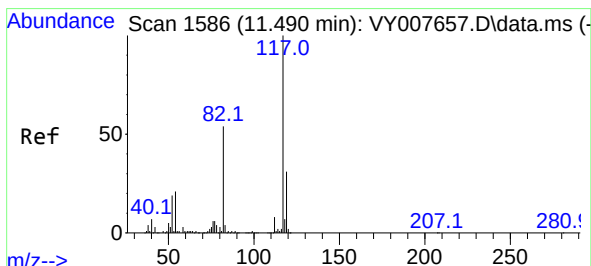
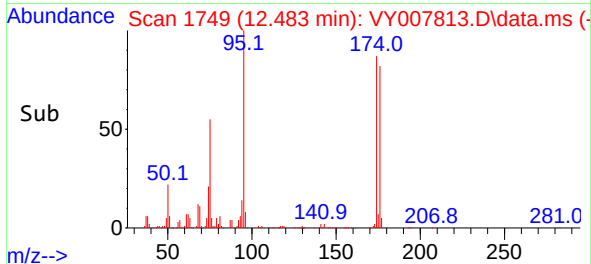
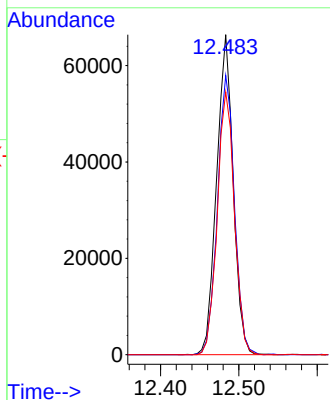
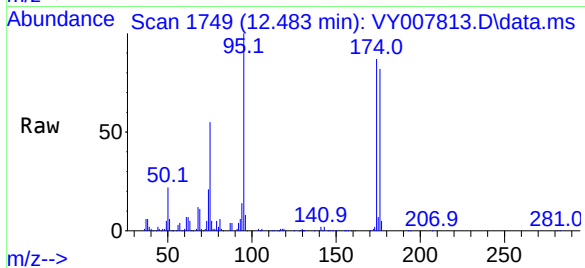




#62
4-Bromofluorobenzene
Concen: 47.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

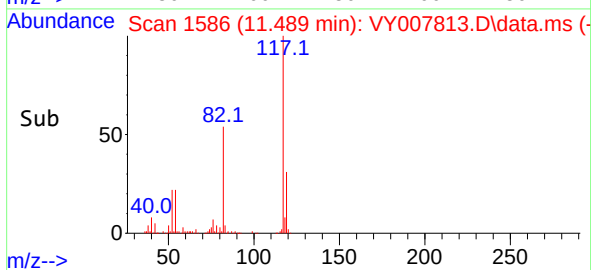
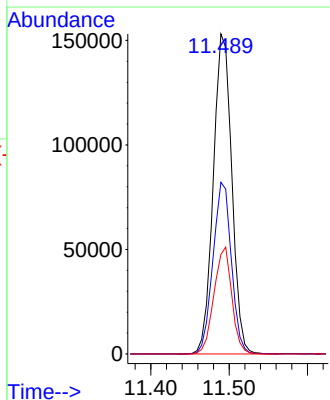
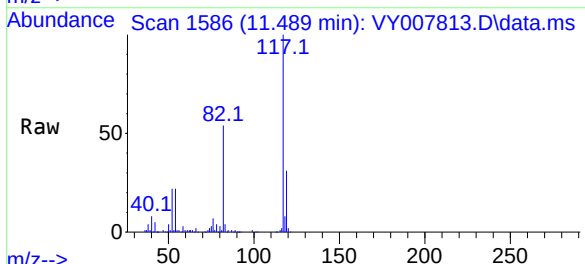
Instrument :
MSVOA_Y
ClientSampleId :

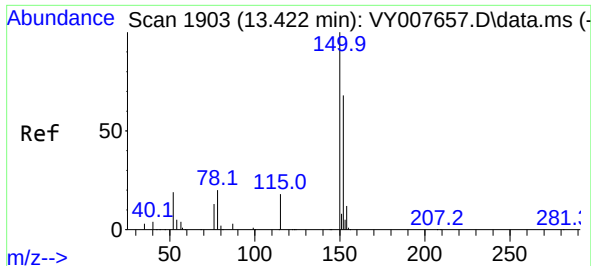
Tgt Ion: 95 Resp: 97931
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 85.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Tgt Ion: 117 Resp: 251593
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.1 25.4 38.0

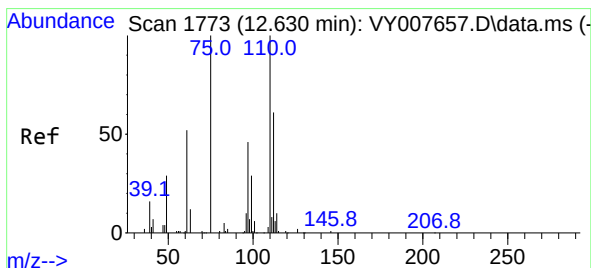
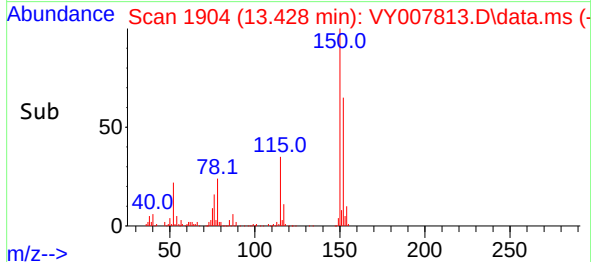
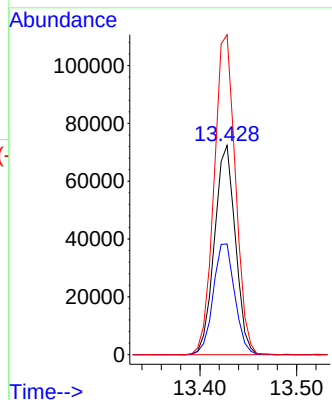
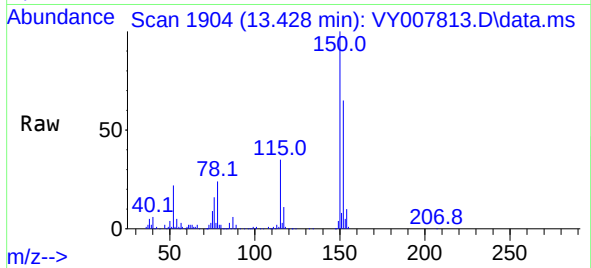




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007813.D
 Acq: 09 Mar 2022 20:37

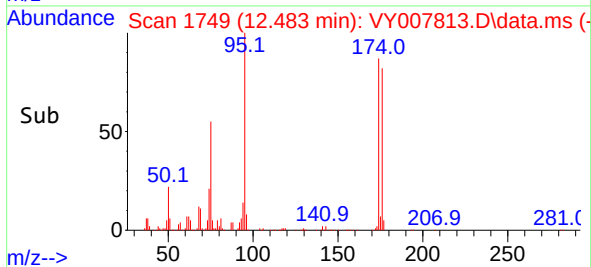
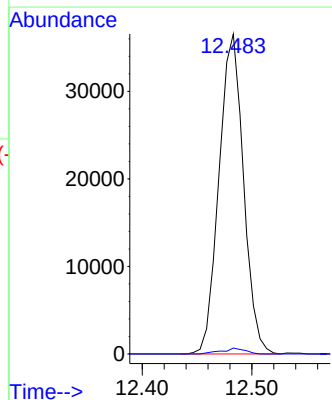
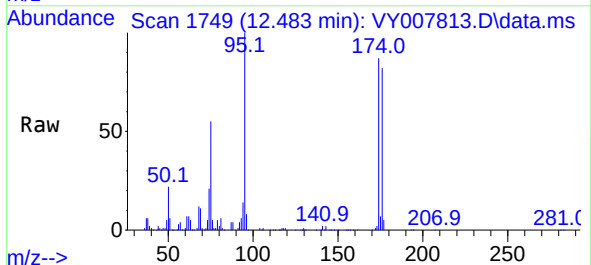
Instrument :
 MSVOA_Y
 ClientSampleId :

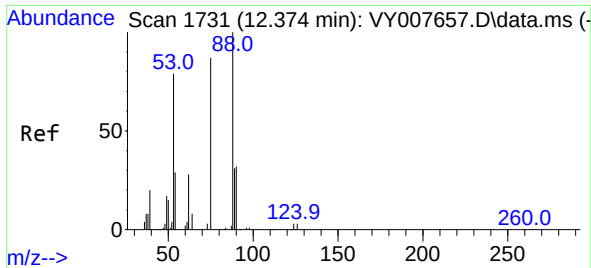
Tgt Ion:152 Resp: 108676
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.788 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007813.D
 Acq: 09 Mar 2022 20:37

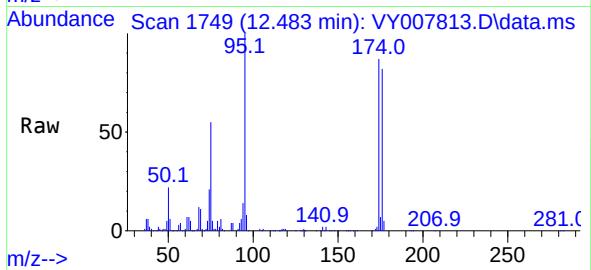
Tgt Ion: 75 Resp: 56785
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.653 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007813.D
 Acq: 09 Mar 2022 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56785
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

