

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007808.D
 Acq On : 09 Mar 2022 18:40
 Operator : SY/MD
 Sample : N1829-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:04:59 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)

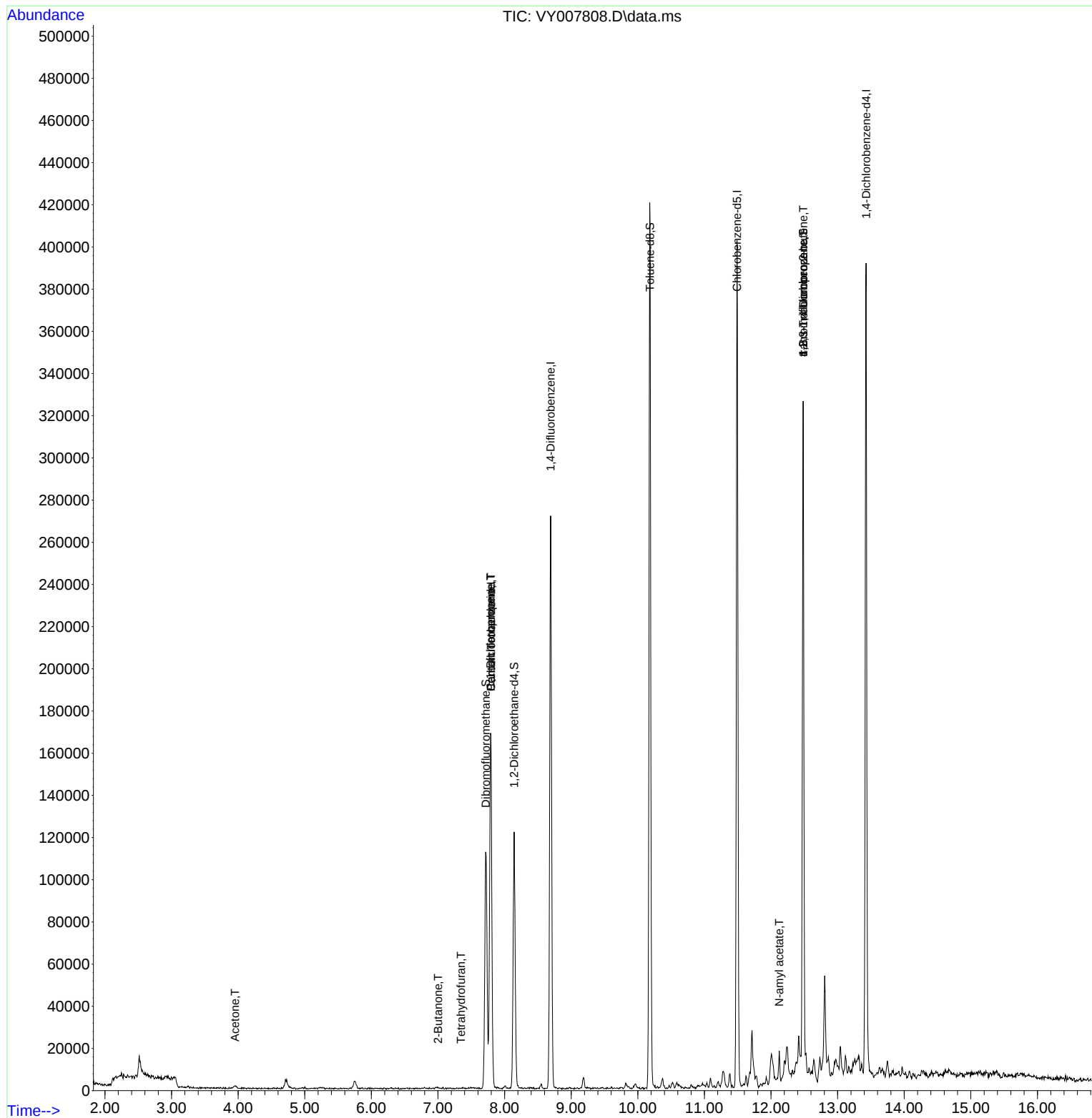
Internal Standards						
1) Pentafluorobenzene	7.795	168	128056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85523	63.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.580%	
35) Dibromofluoromethane	7.716	113	78580	55.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.200%	
50) Toluene-d8	10.185	98	275174	52.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.483	95	85557	51.021	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.058	85	41	Below Cal	#	43
3) Chloromethane	2.113	50	868	Below Cal	#	71
13) Acrolein	3.729	56	55	Below Cal	#	1
16) Acetone	3.954	43	2298	8.426	ug/l #	89
17) Carbon Disulfide	4.186	76	108	Below Cal	#	75
18) Methyl Acetate	4.509	43	94	Below Cal	#	56
20) Methylene Chloride	4.729	84	2470	Below Cal	#	76
25) 2-Butanone	7.003	43	545	1.191	ug/l #	54
29) Tetrahydrofuran	7.344	42	328	1.048	ug/l #	44
31) Cyclohexane	7.795	56	4094	Below Cal	#	25
36) 1,1-Dichloropropene	7.789	75	10414	4.684	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14047	5.923	ug/l #	17
74) N-amyl acetate	12.124	43	3227	1.647	ug/l #	73
76) 1,2,3-Trichloropropane	12.483	75	48953	46.406	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48953	94.871	ug/l #	8

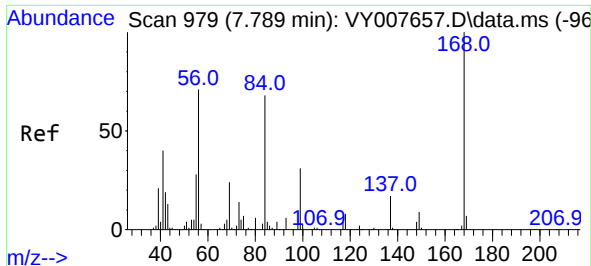
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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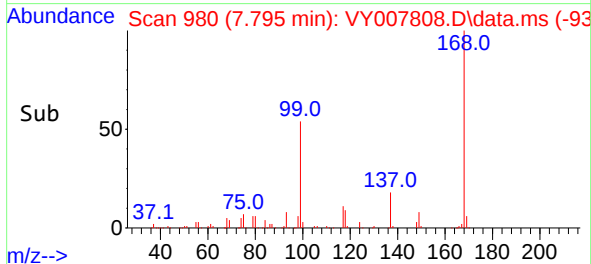
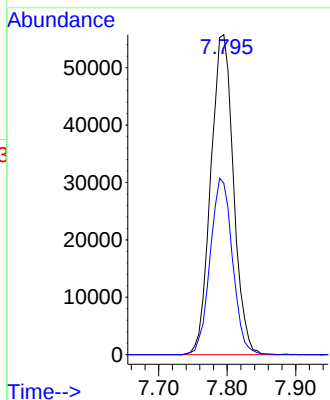
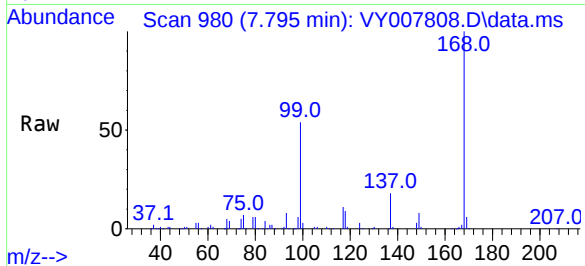




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

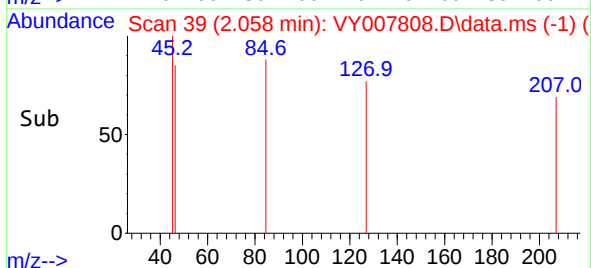
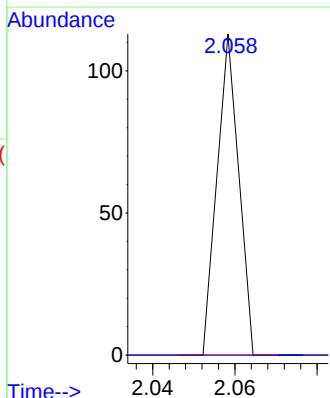
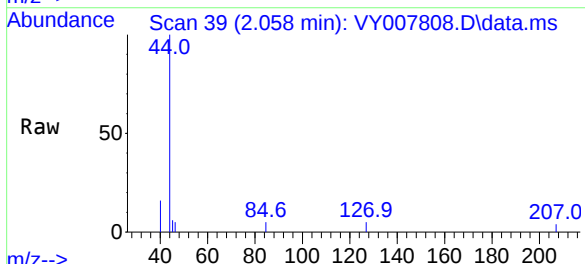
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 128056
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3

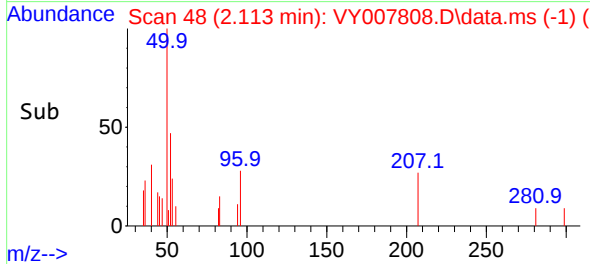
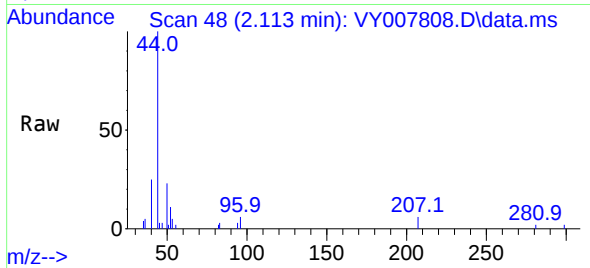
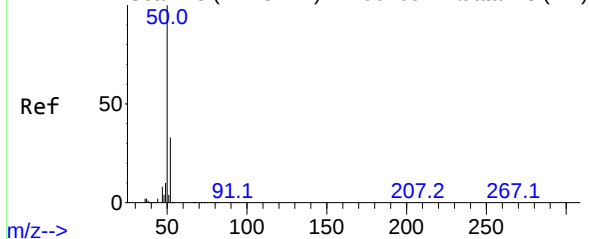


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.058 min Scan# 39
Delta R.T. 0.152 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

Tgt Ion: 85 Resp: 41
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# 48

Delta R.T. 0.000 min

Lab File: VY007808.D

Acq: 09 Mar 2022 18:40

Instrument :

MSVOA_Y

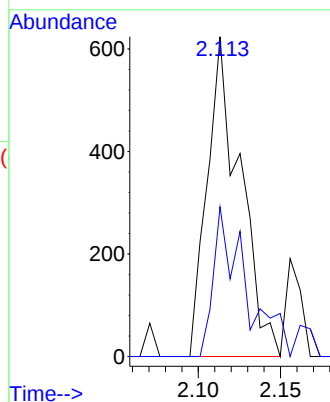
ClientSampleId :

Tgt Ion: 50 Resp: 868

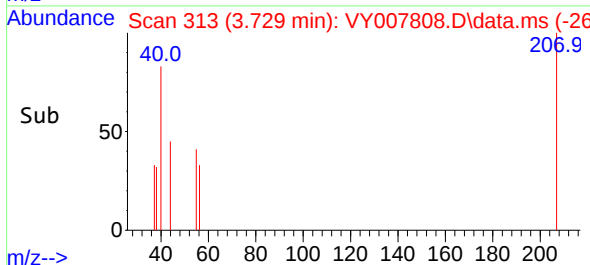
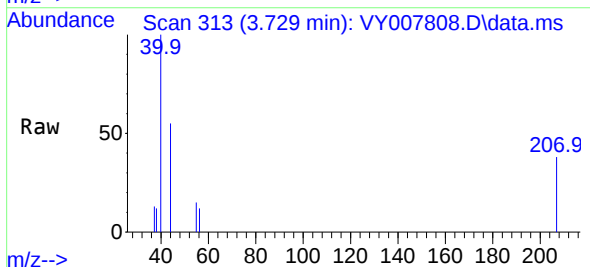
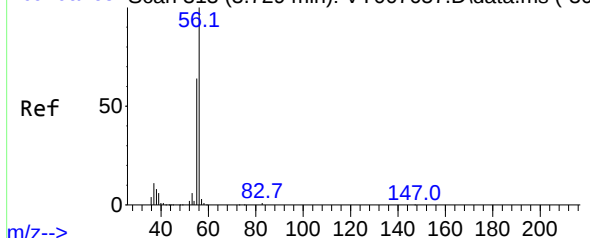
Ion Ratio Lower Upper

50 100

52 46.8 24.6 37.0#



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



#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY007808.D

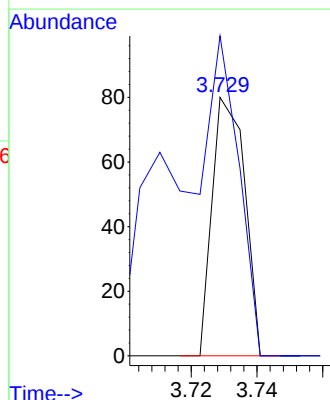
Acq: 09 Mar 2022 18:40

Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 247.3 57.6 86.4#

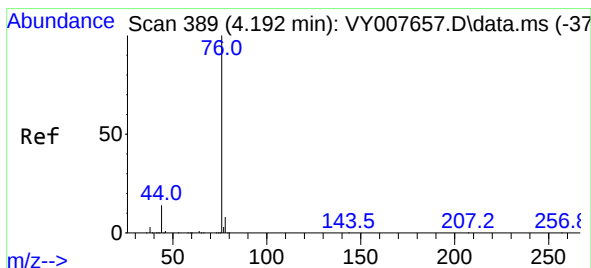
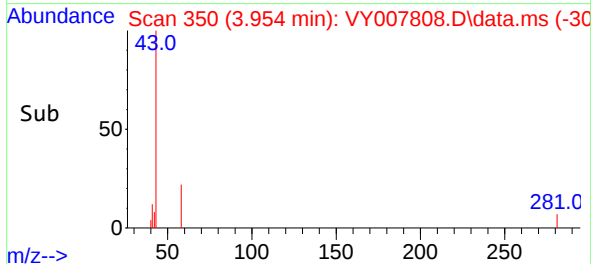
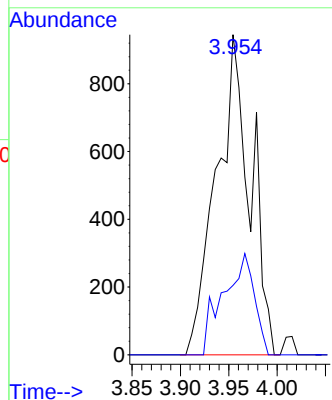
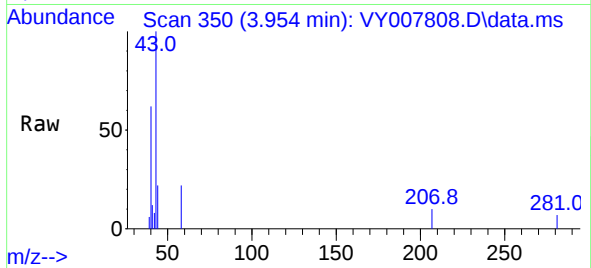




#16
Acetone
Concen: 8.426 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

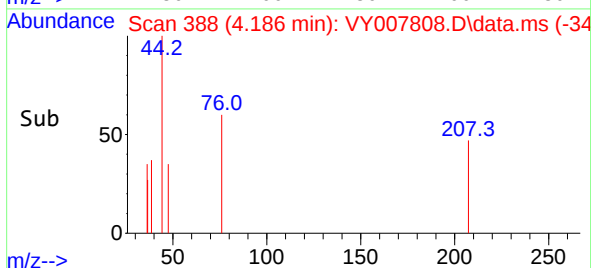
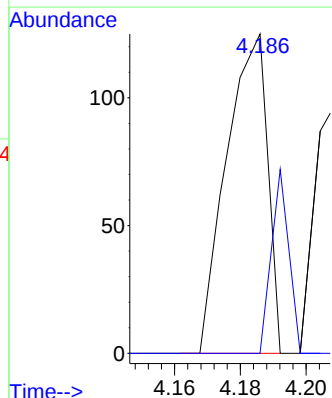
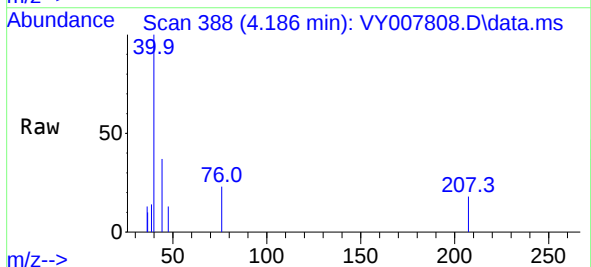
Instrument :
MSVOA_Y
ClientSampleId :

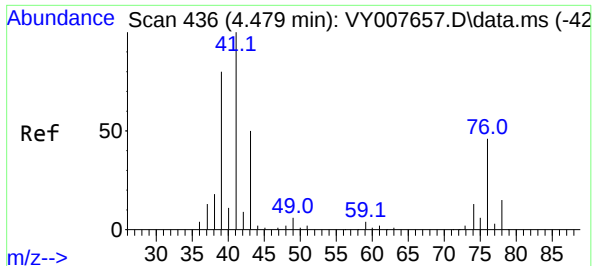
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
58 21.7 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

Tgt Ion: 76 Resp: 108
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

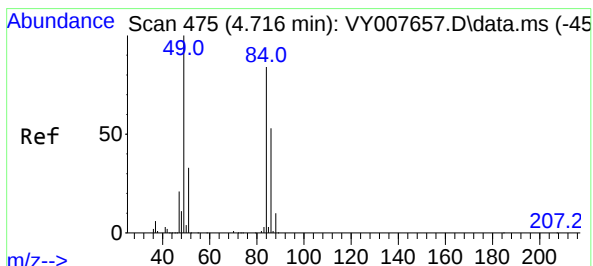
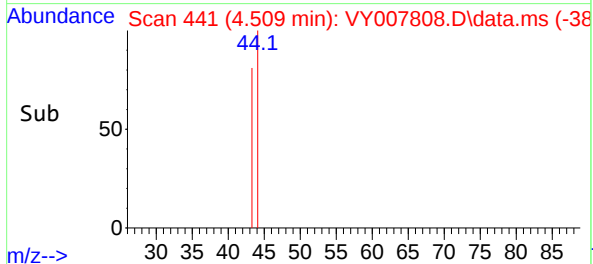
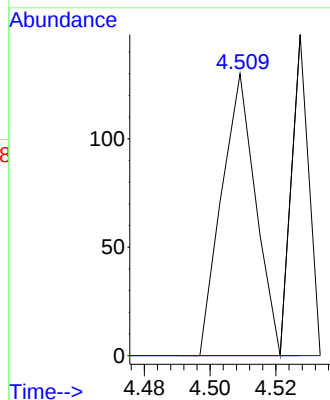
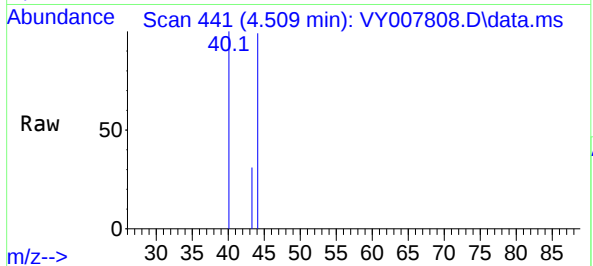




#18
Methyl Acetate
Concen: Below Cal
RT: 4.509 min Scan# 441
Delta R.T. 0.030 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

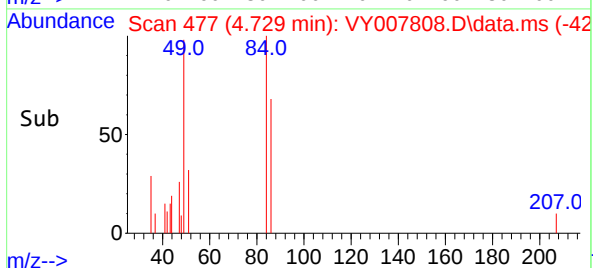
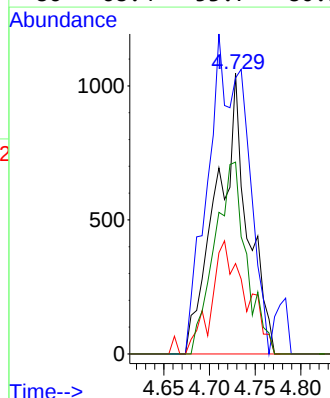
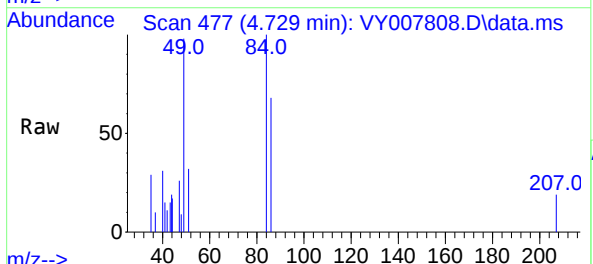
Instrument :
MSVOA_Y
ClientSampleId :

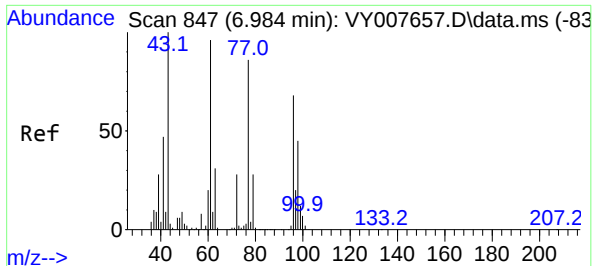
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

Tgt Ion: 84 Resp: 2470
Ion Ratio Lower Upper
84 100
49 98.4 114.4 171.6#
51 32.2 35.3 52.9#
86 68.4 53.7 80.5





#25

2-Butanone

Concen: 1.191 ug/l

RT: 7.003 min Scan# 847

Delta R.T. 0.019 min

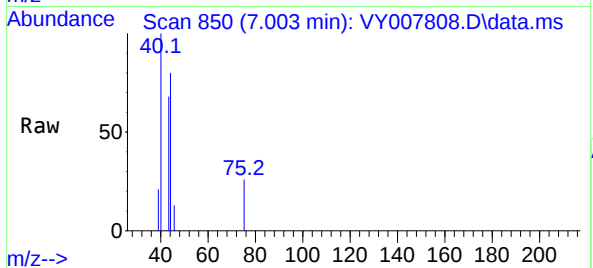
Lab File: VY007808.D

Acq: 09 Mar 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

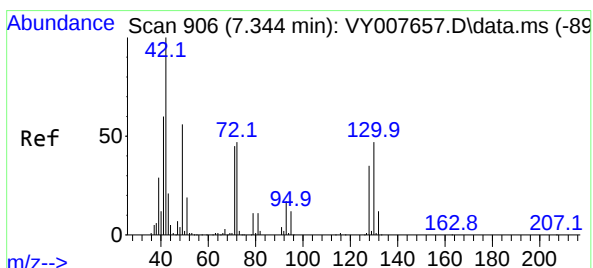
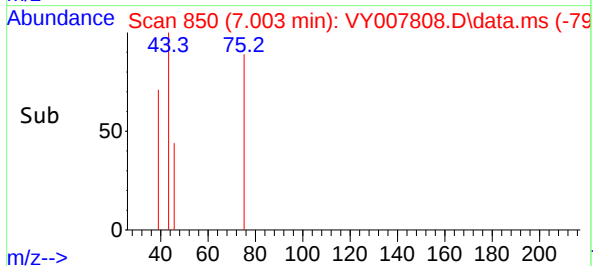
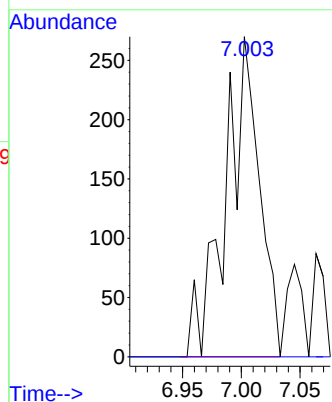


Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.048 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY007808.D

Acq: 09 Mar 2022 18:40

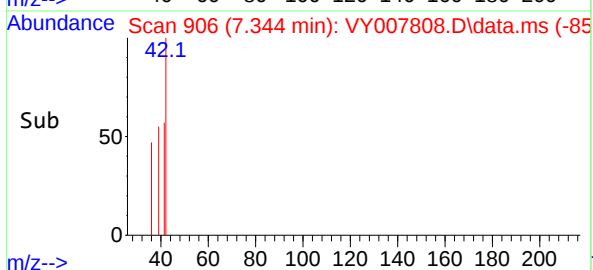
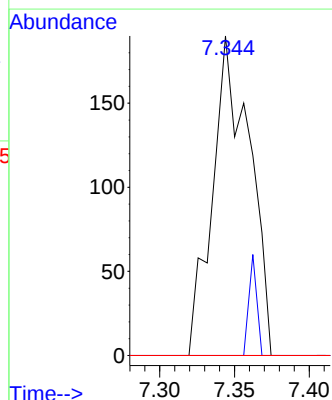
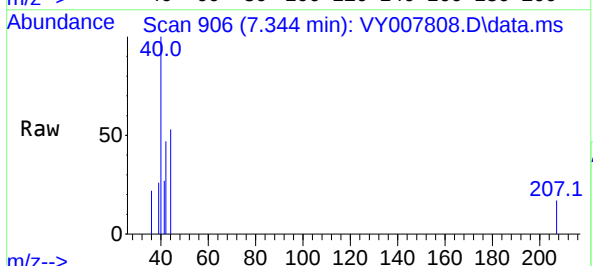
Tgt Ion: 42 Resp: 328

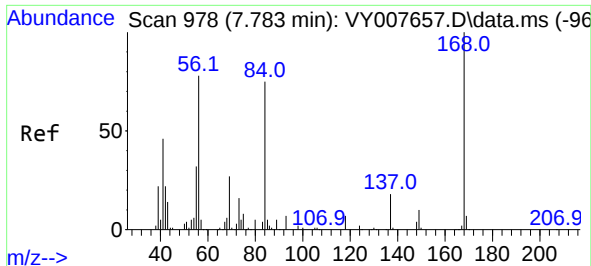
Ion Ratio Lower Upper

42 100

72 6.7 30.3 45.5#

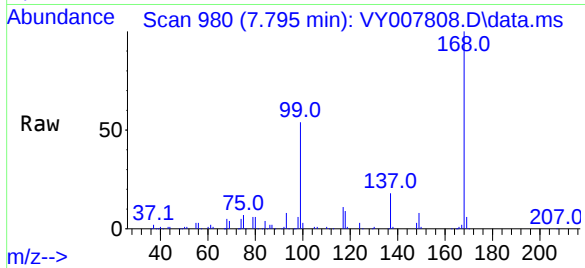
71 0.0 29.0 43.4#



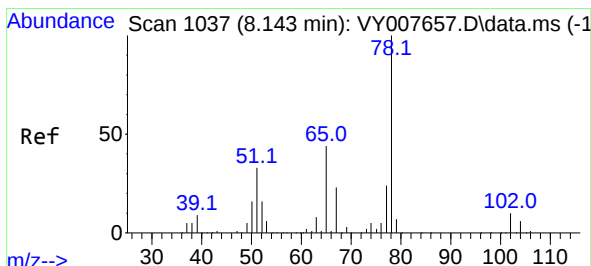
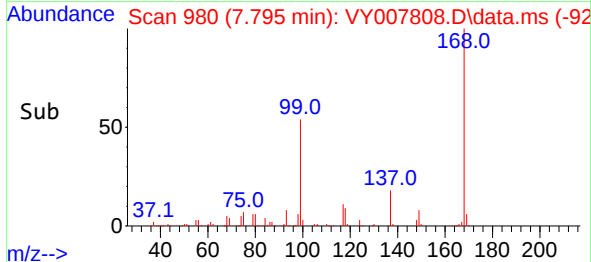
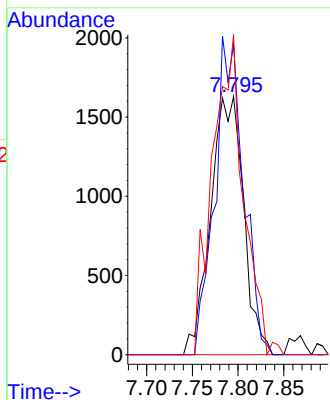


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :

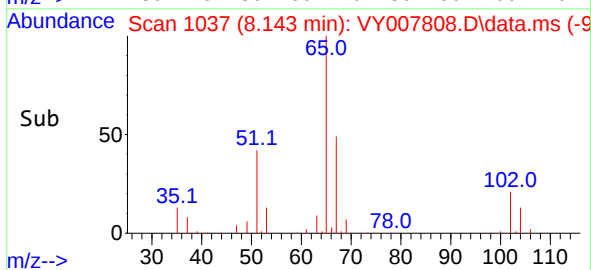
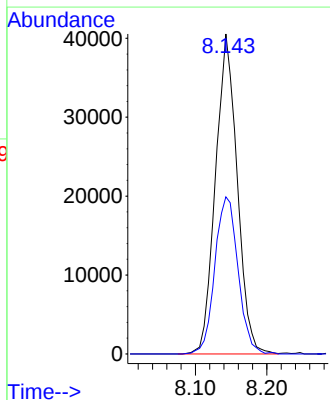
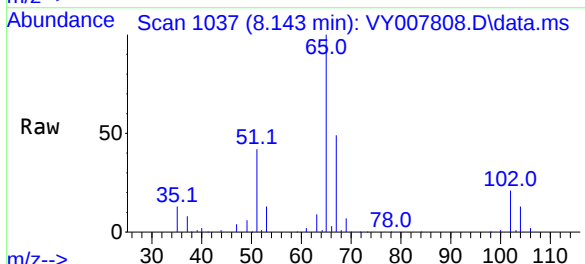


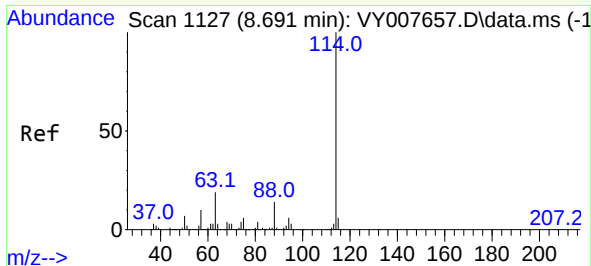
Tgt Ion: 56 Resp: 4094
Ion Ratio Lower Upper
56 100
69 120.3 26.7 40.1#
84 124.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.793 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

Tgt Ion: 65 Resp: 85523
Ion Ratio Lower Upper
65 100
67 52.4 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: VY007808.D

Acq: 09 Mar 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

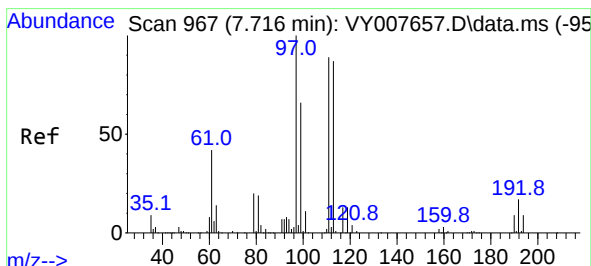
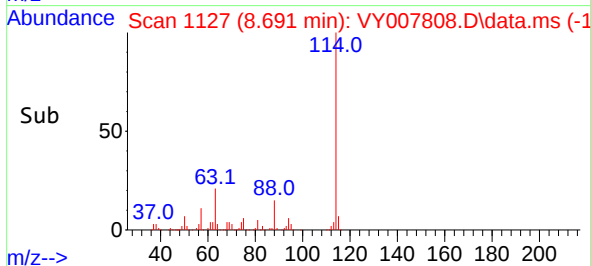
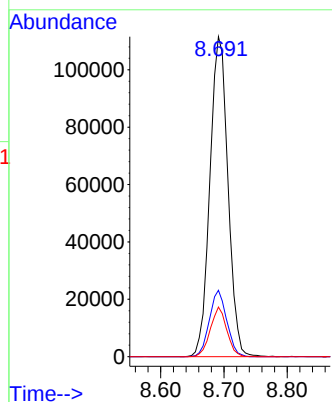
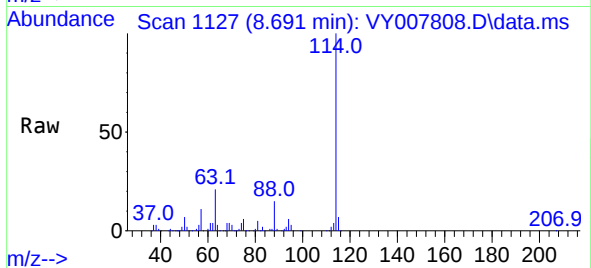
Tgt Ion:114 Resp: 221048

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.603 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007808.D

Acq: 09 Mar 2022 18:40

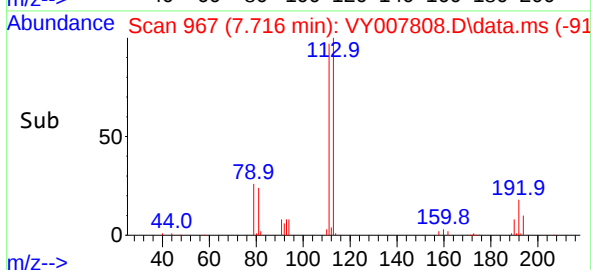
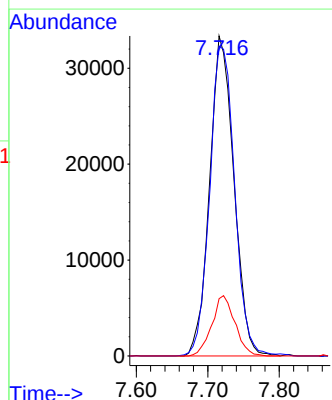
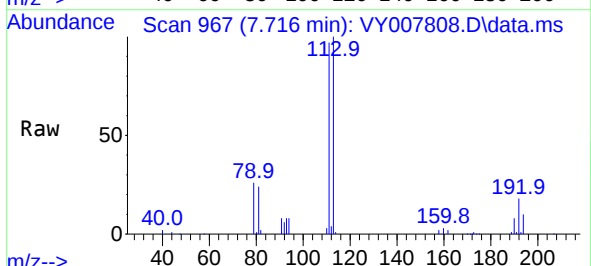
Tgt Ion:113 Resp: 78580

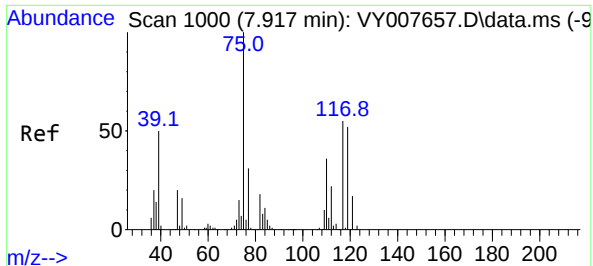
Ion Ratio Lower Upper

113 100

111 100.0 82.6 124.0

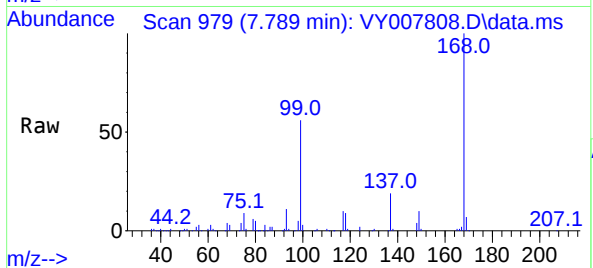
192 18.0 17.6 26.4



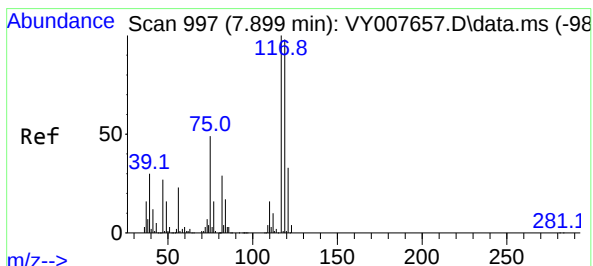
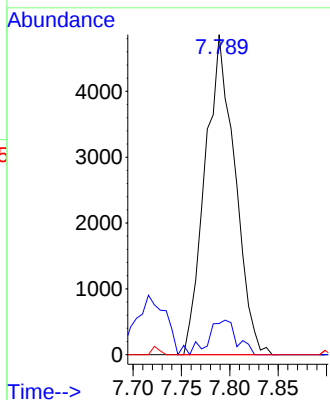
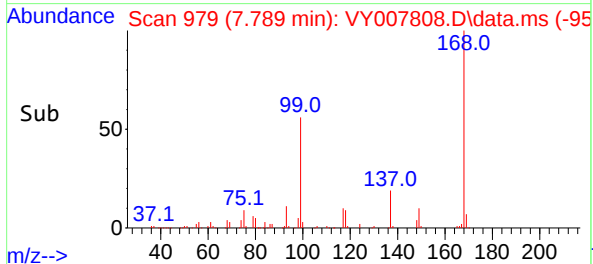


#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

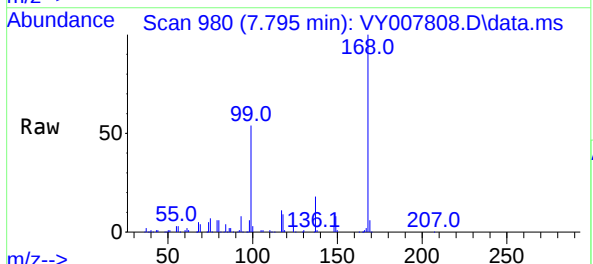
Instrument :
MSVOA_Y
ClientSampleId :



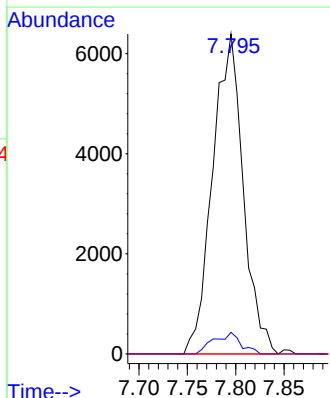
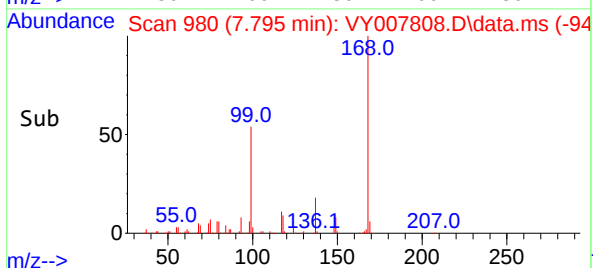
Tgt Ion: 75 Resp: 10414
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#

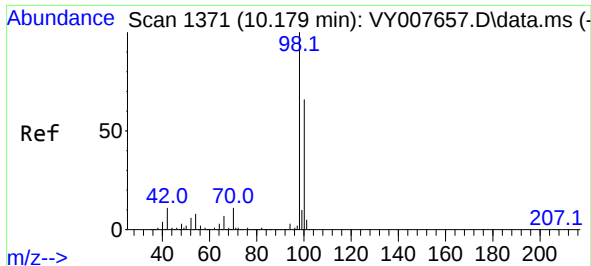


#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40



Tgt Ion: 117 Resp: 14047
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#

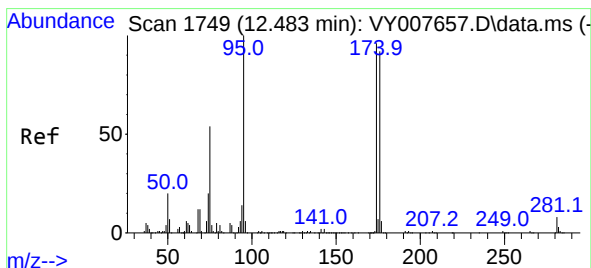
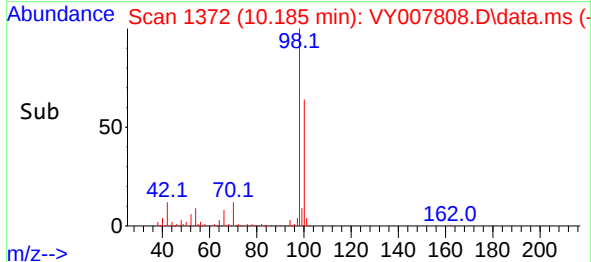
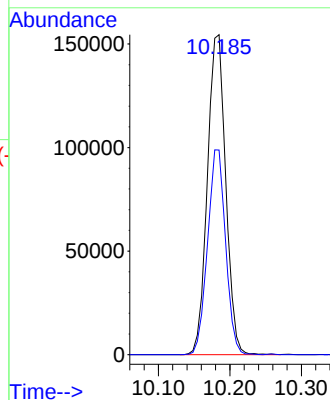
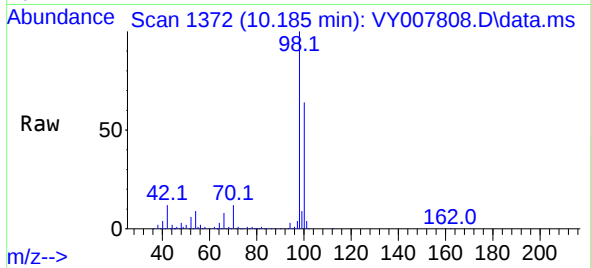




#50
Toluene-d8
Concen: 52.896 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

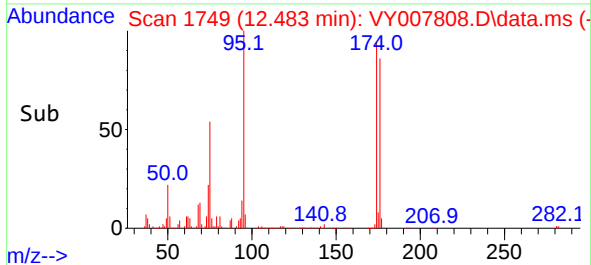
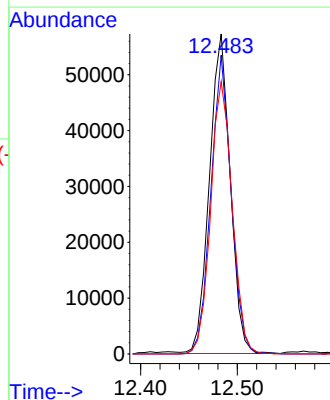
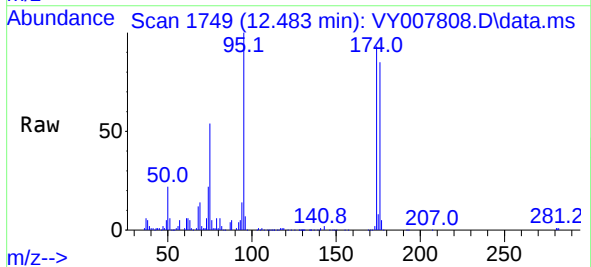
Instrument :
MSVOA_Y
ClientSampleId :

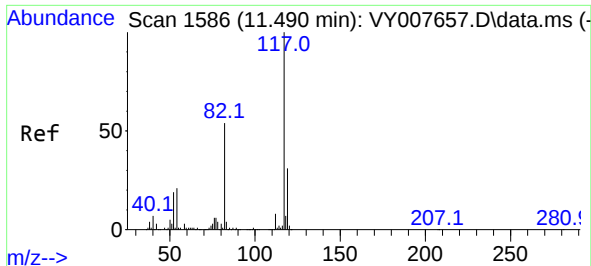
Tgt Ion: 98 Resp: 275174
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

Tgt Ion: 95 Resp: 85557
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 88.2 0.0 175.8

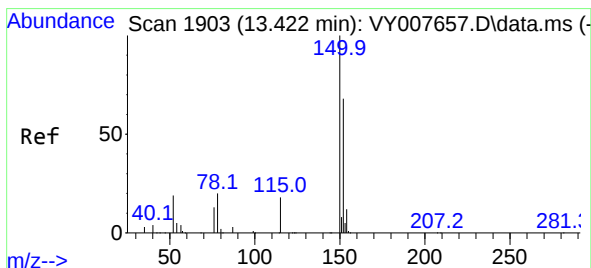
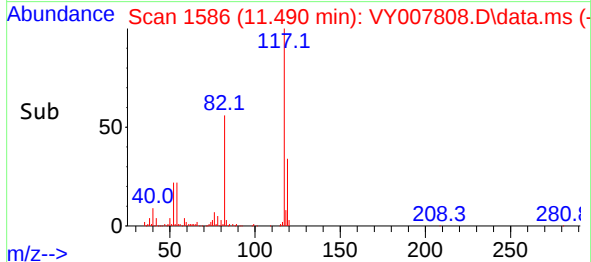
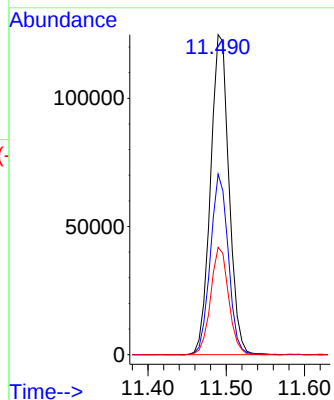
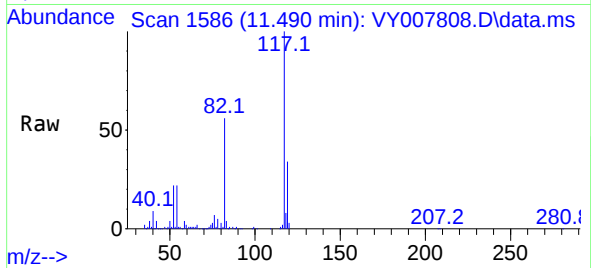




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

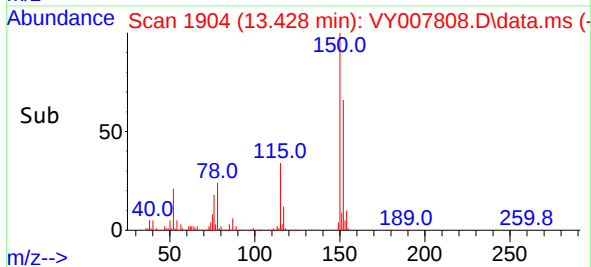
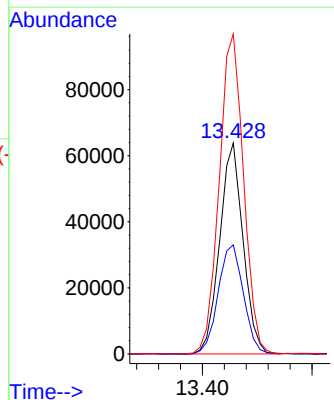
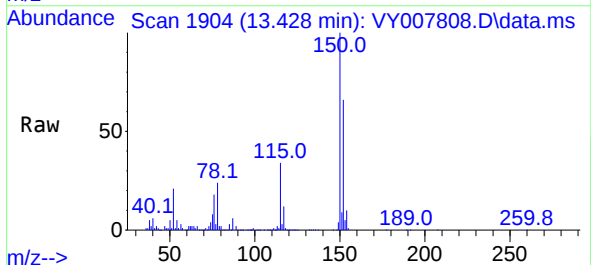
Instrument :
MSVOA_Y
ClientSampleId :

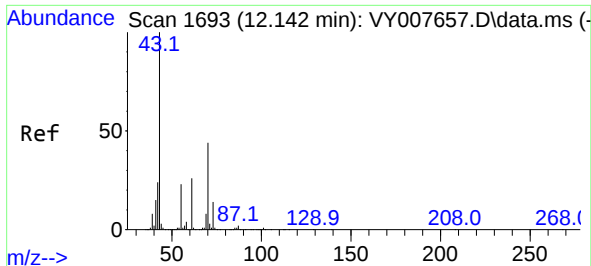
Tgt Ion:117 Resp: 204234
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 33.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

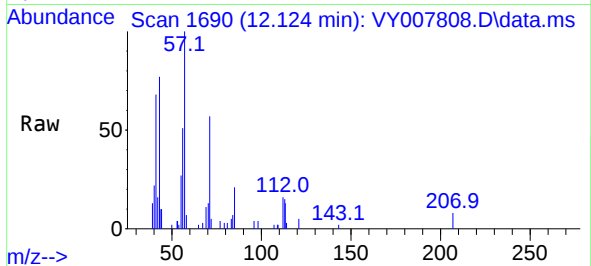
Tgt Ion:152 Resp: 94459
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 158.1 0.0 347.6



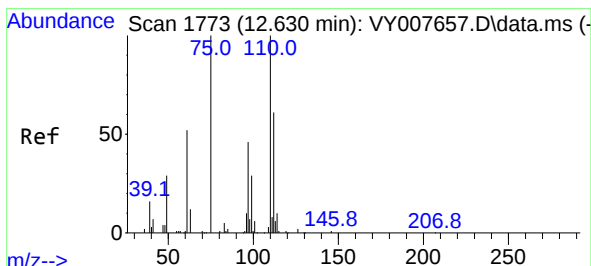
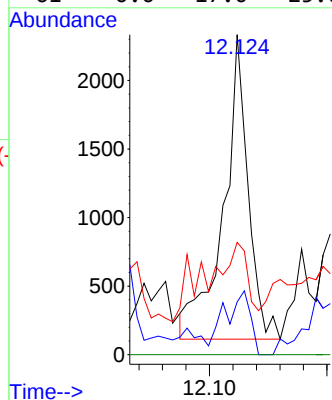
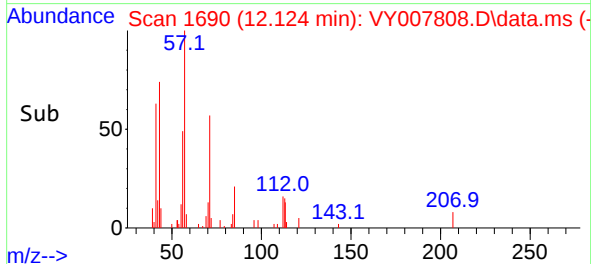


#74
N-amy1 acetate
Concen: 1.647 ug/l
RT: 12.124 min Scan# 1749
Delta R.T. -0.018 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :

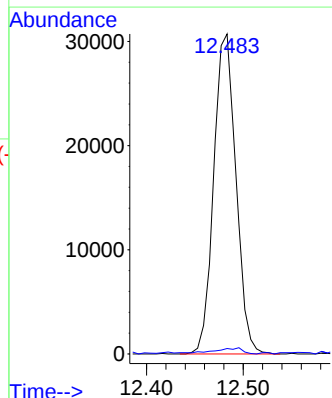
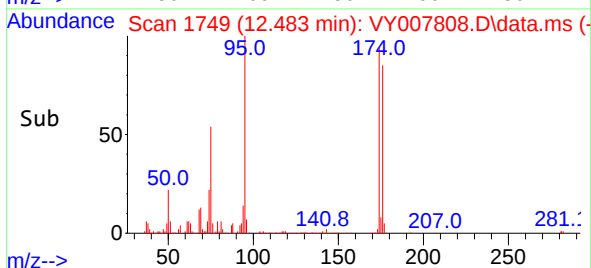
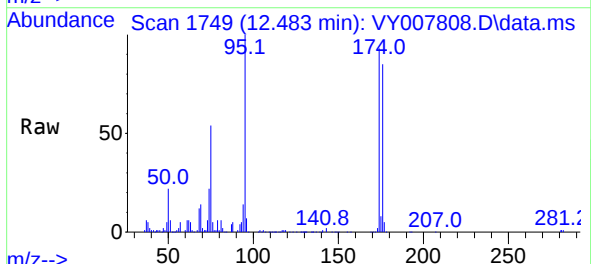


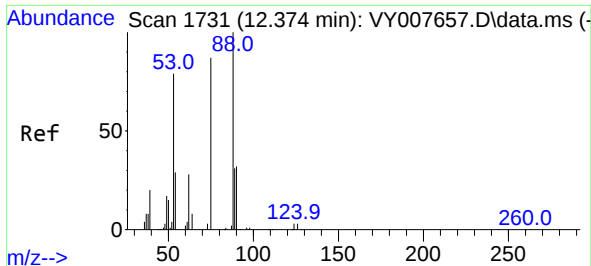
Tgt Ion: 43 Resp: 3227
Ion Ratio Lower Upper
43 100
70 21.7 28.7 43.1#
55 15.1 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 46.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007808.D
Acq: 09 Mar 2022 18:40

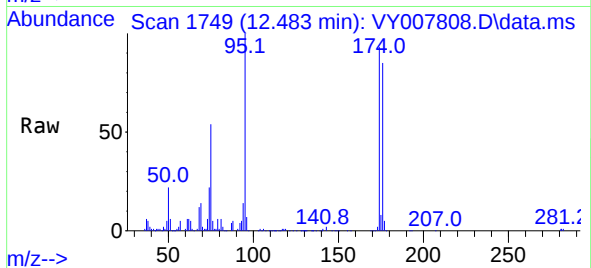
Tgt Ion: 75 Resp: 48953
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.871 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007808.D
 Acq: 09 Mar 2022 18:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 48953
 Ion Ratio Lower Upper
 75 100
 53 0.6 85.3 127.9#
 89 0.0 37.0 55.4#

