

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007811.D
 Acq On : 09 Mar 2022 19:50
 Operator : SY/MD
 Sample : N1825-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:05:32 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)

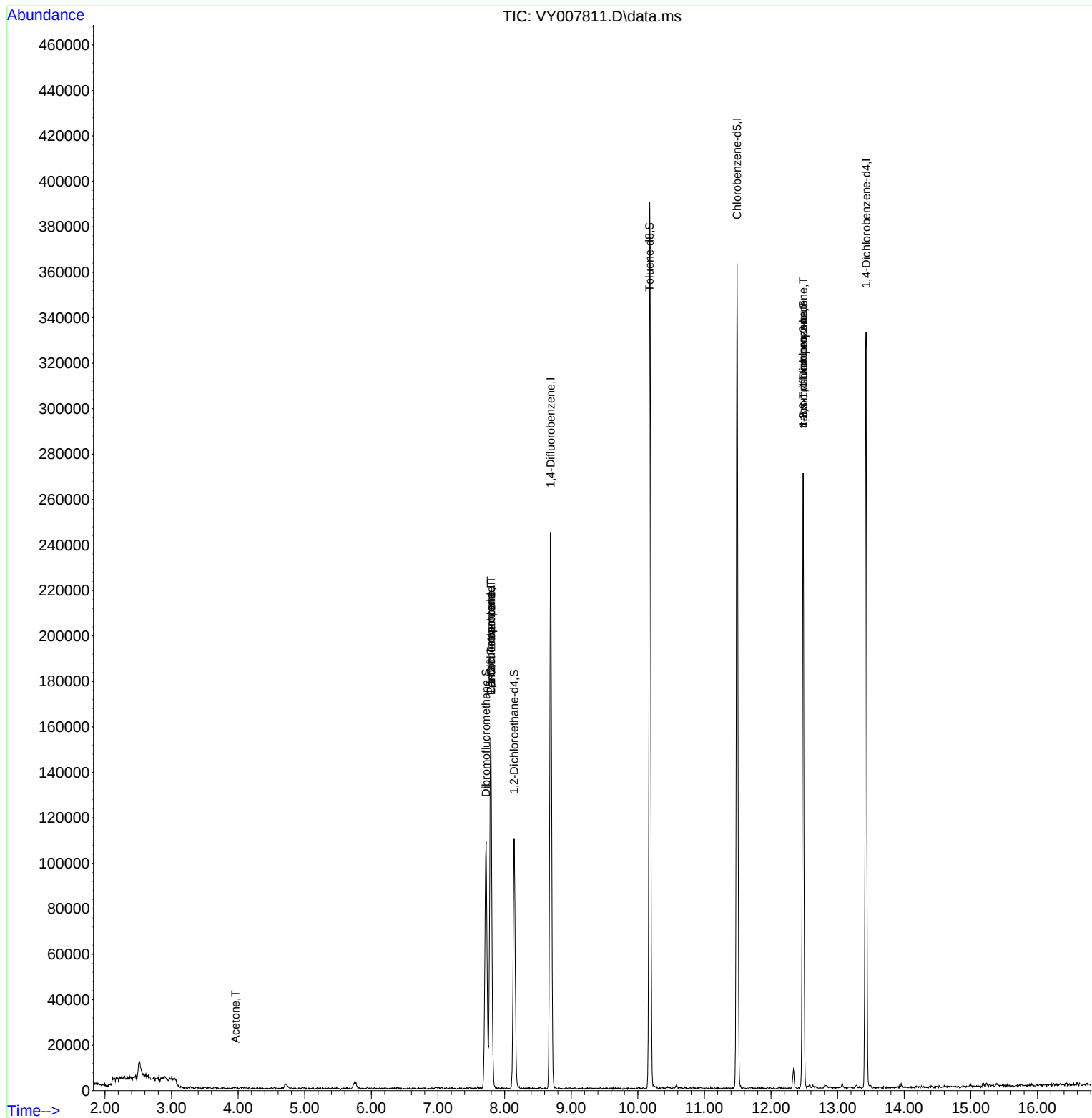
Internal Standards						
1) Pentafluorobenzene	7.795	168	119509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82064	65.591	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 131.180%		
35) Dibromofluoromethane	7.722	113	72484	55.913	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.820%		
50) Toluene-d8	10.179	98	248233	52.019	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.040%		
62) 4-Bromofluorobenzene	12.483	95	71402	46.418	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 92.840%		
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	733	Below Cal		91
13) Acrolein	3.710	56	19	Below Cal	#	14
16) Acetone	3.960	43	734	2.884	ug/l #	47
18) Methyl Acetate	4.454	43	48	Below Cal	#	56
20) Methylene Chloride	4.710	84	1640	Below Cal	#	64
31) Cyclohexane	7.795	56	2873	Below Cal	#	35
36) 1,1-Dichloropropene	7.795	75	9636	4.725	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11872	5.457	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	42010	45.313	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42010	92.637	ug/l #	7

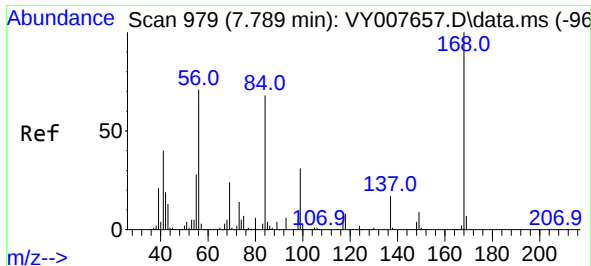
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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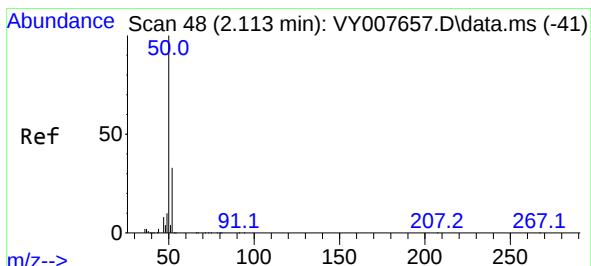
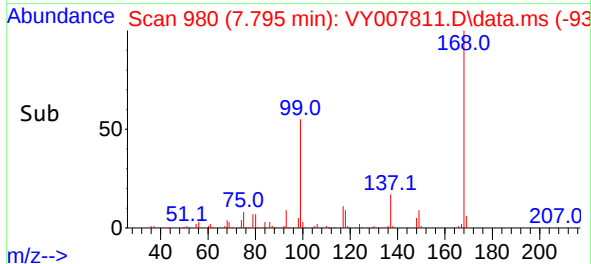
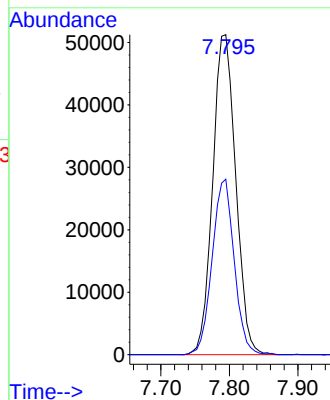
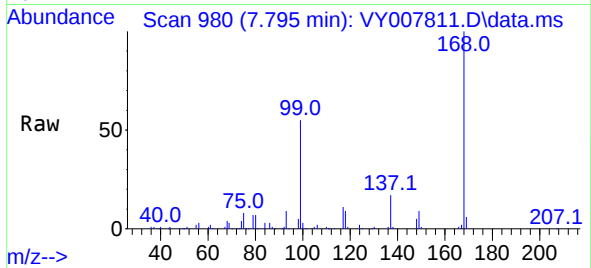




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

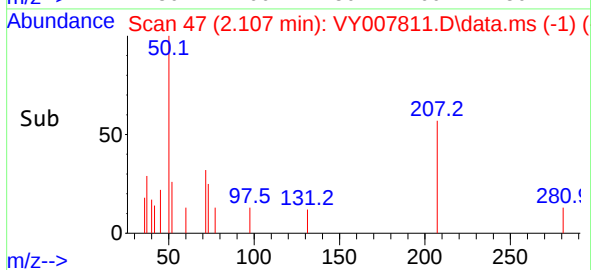
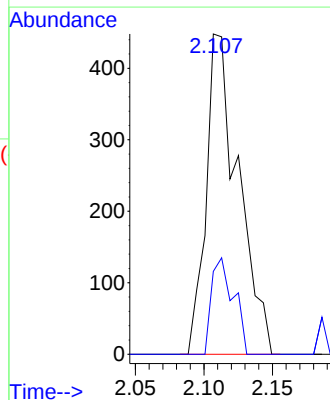
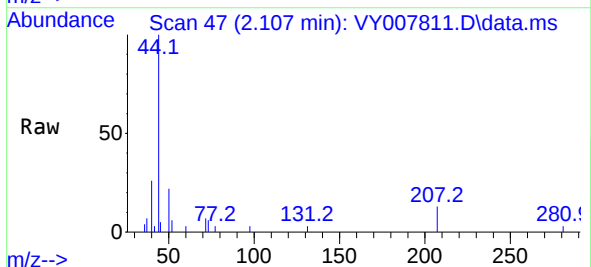
Instrument :
MSVOA_Y
ClientSampleId :

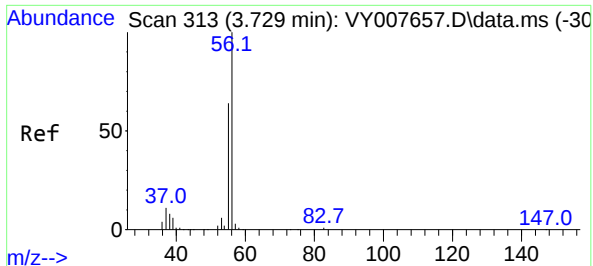
Tgt Ion:168 Resp: 119509
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

Tgt Ion: 50 Resp: 733
Ion Ratio Lower Upper
50 100
52 25.9 24.6 37.0

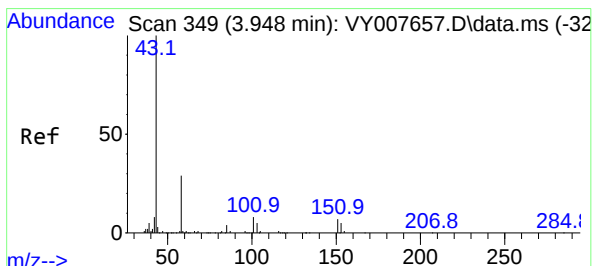
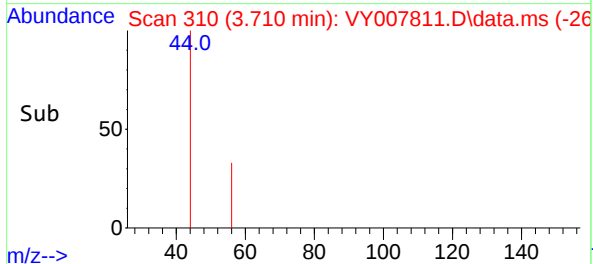
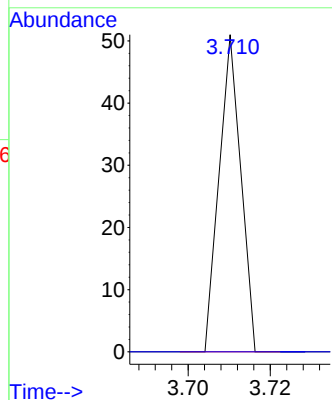
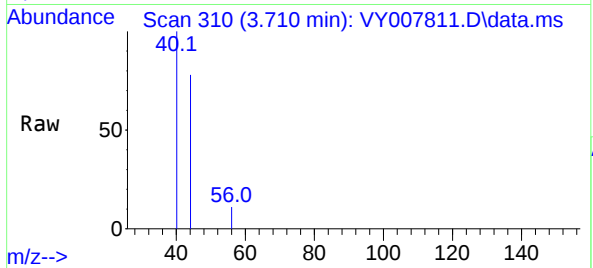




#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.019 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

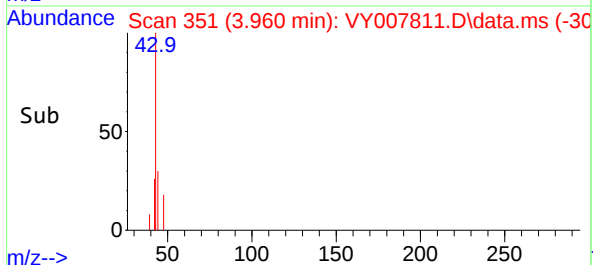
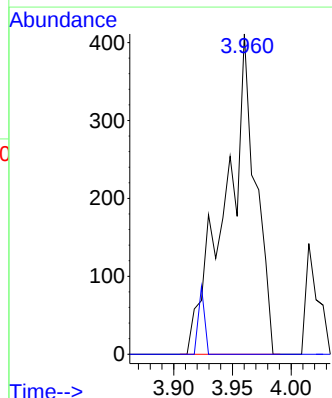
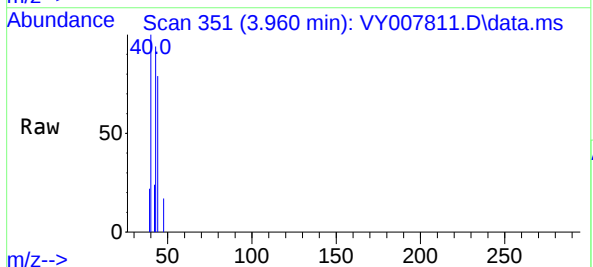
Instrument :
MSVOA_Y
ClientSampleId :

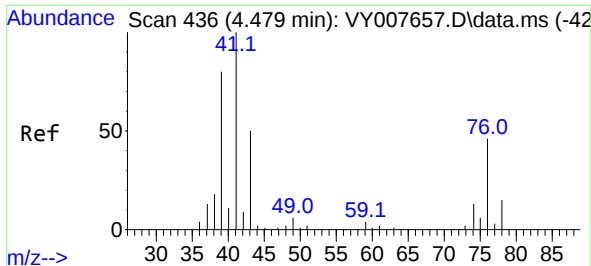
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 2.884 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

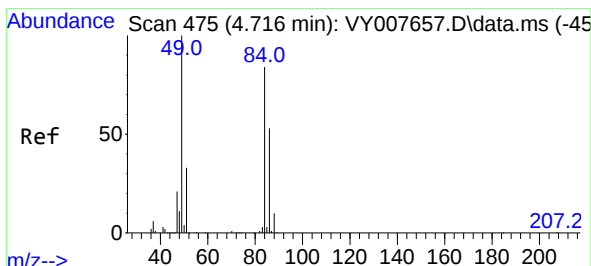
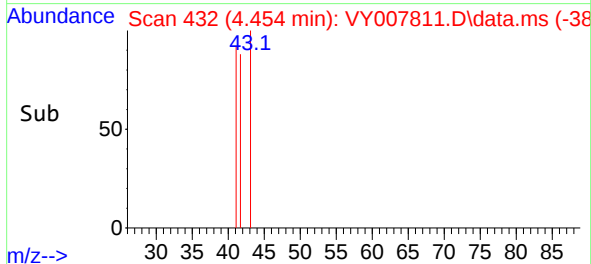
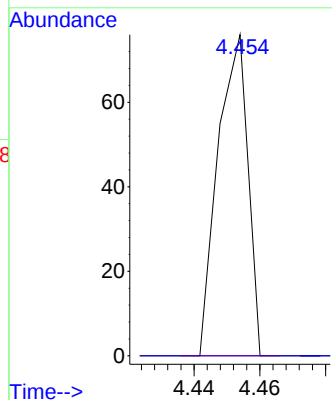
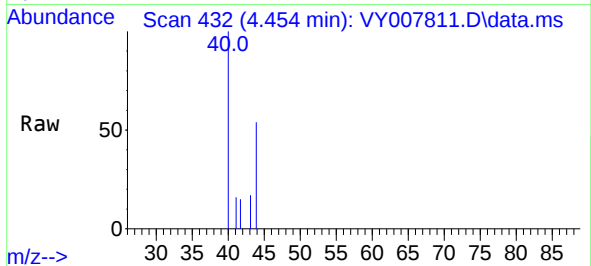




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.025 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

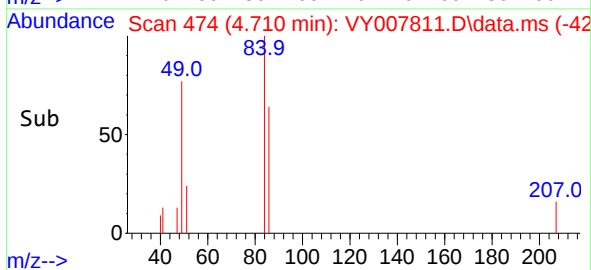
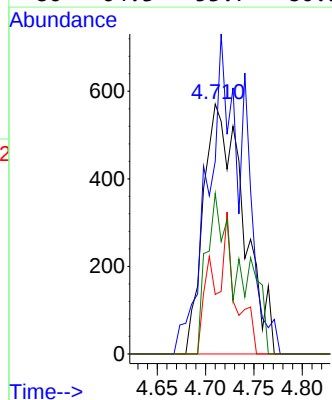
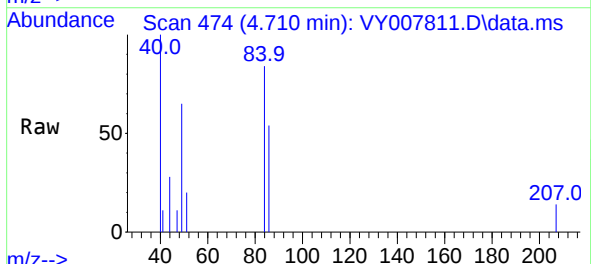
Instrument :
MSVOA_Y
ClientSampleId :

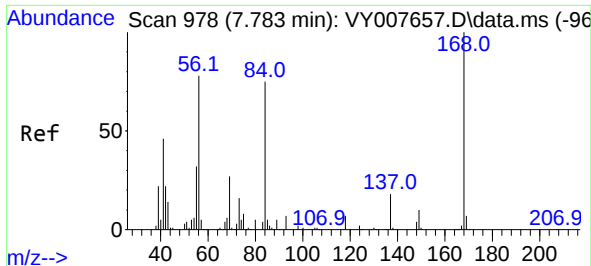
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

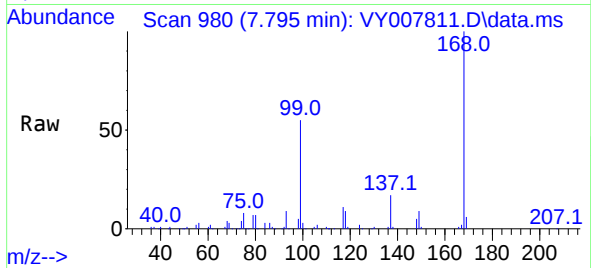
Tgt Ion: 84 Resp: 1640
Ion Ratio Lower Upper
84 100
49 77.1 114.4 171.6#
51 23.8 35.3 52.9#
86 64.3 53.7 80.5



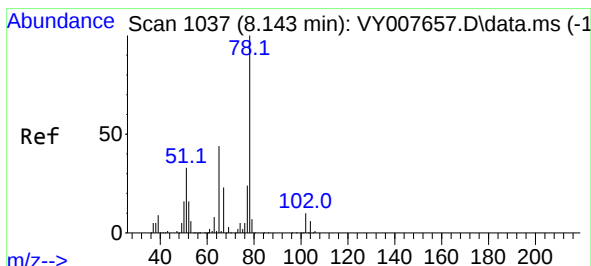
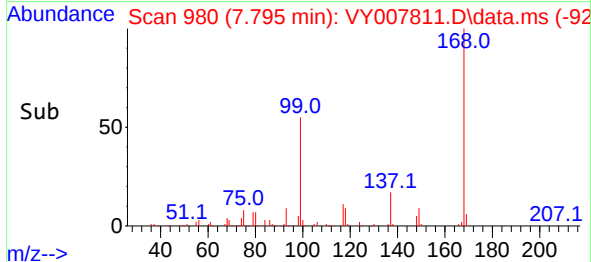
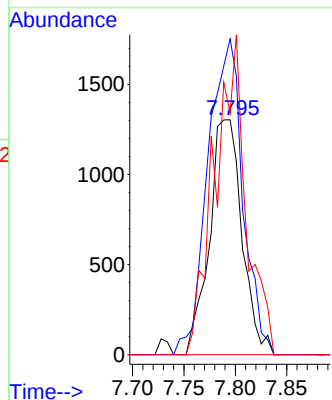


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :

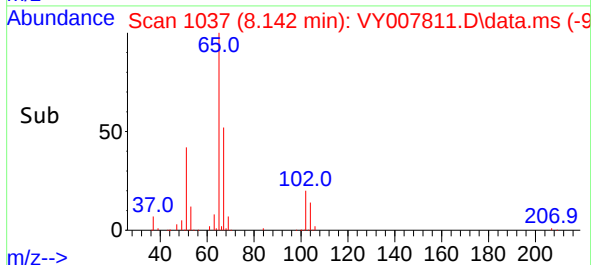
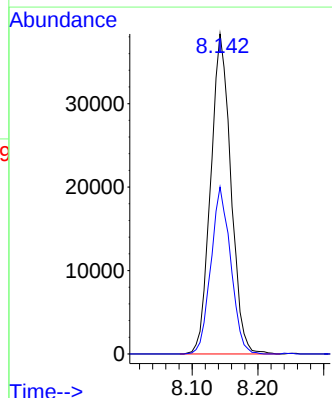
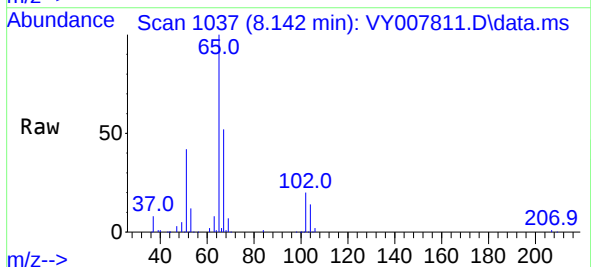


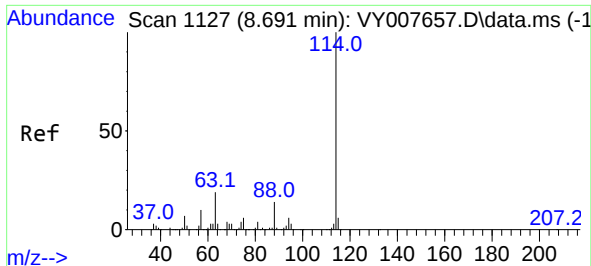
Tgt Ion: 56 Resp: 2873
Ion Ratio Lower Upper
56 100
69 134.4 26.7 40.1#
84 102.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.591 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

Tgt Ion: 65 Resp: 82064
Ion Ratio Lower Upper
65 100
67 51.0 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: VY007811.D

Acq: 09 Mar 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

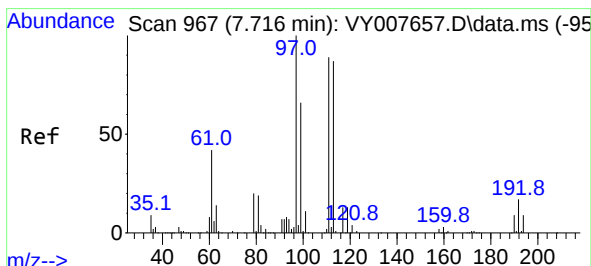
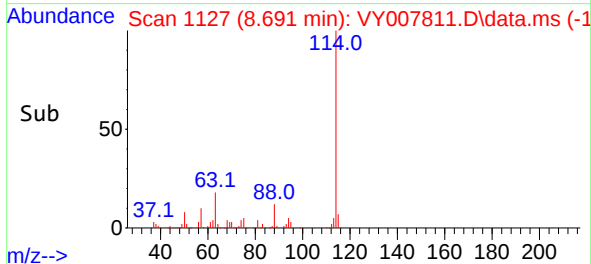
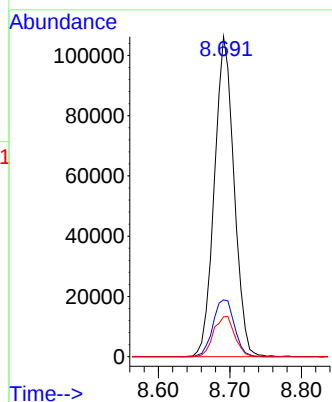
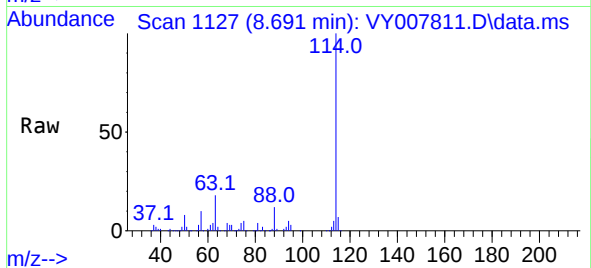
Tgt Ion:114 Resp: 202769

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 12.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.913 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007811.D

Acq: 09 Mar 2022 19:50

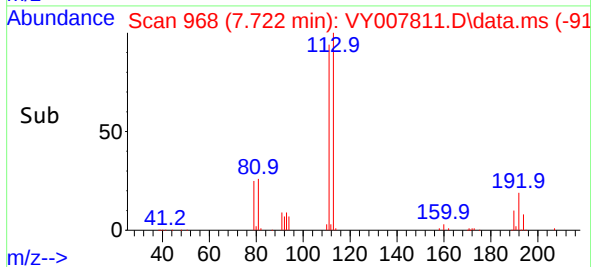
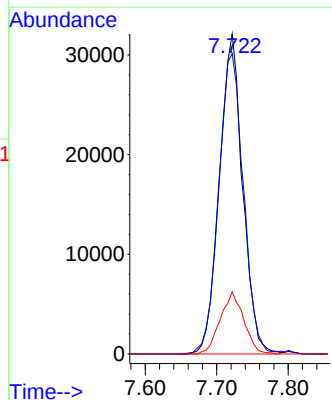
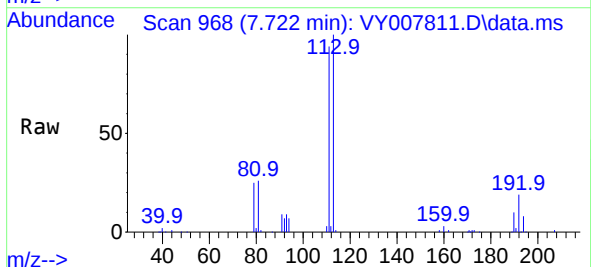
Tgt Ion:113 Resp: 72484

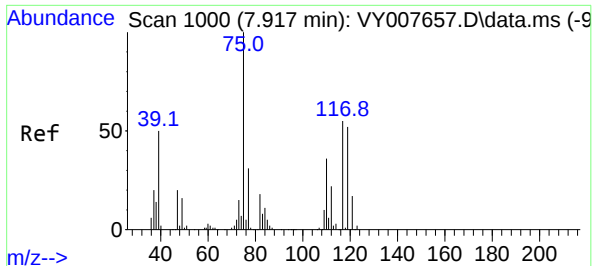
Ion Ratio Lower Upper

113 100

111 99.6 82.6 124.0

192 19.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY007811.D

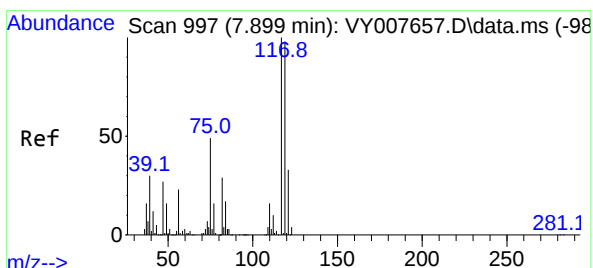
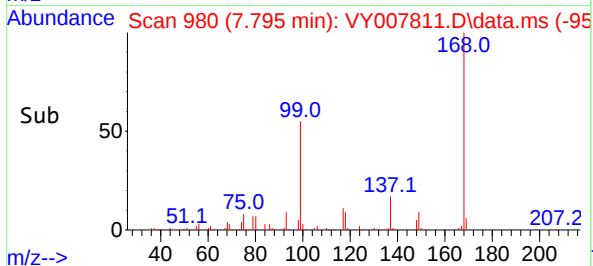
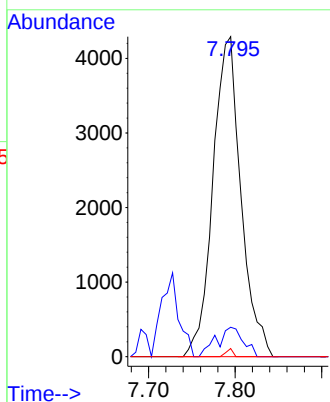
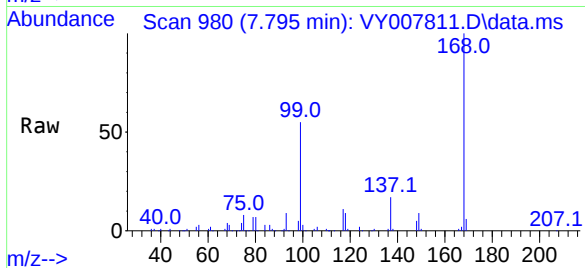
Acq: 09 Mar 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	9636
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.6	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.457 ug/l

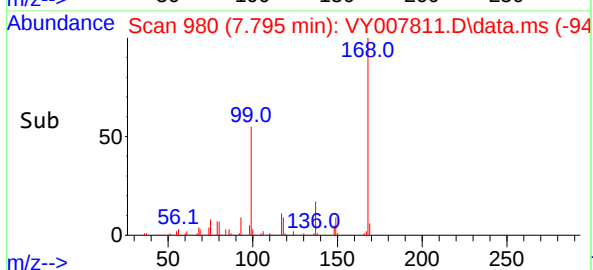
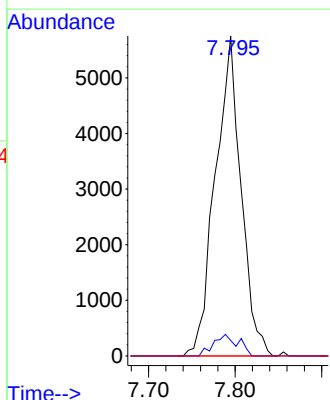
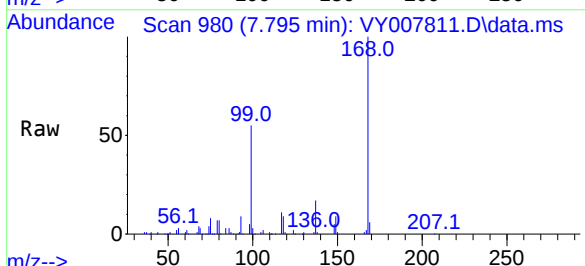
RT: 7.795 min Scan# 980

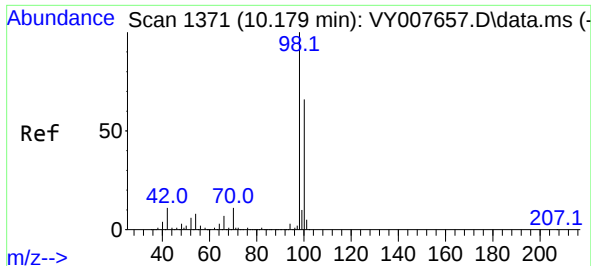
Delta R.T. -0.104 min

Lab File: VY007811.D

Acq: 09 Mar 2022 19:50

Tgt Ion:	117	Resp:	11872
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.9	116.9#
121	0.0	24.8	37.2#

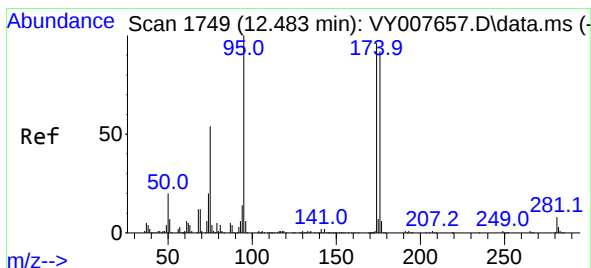
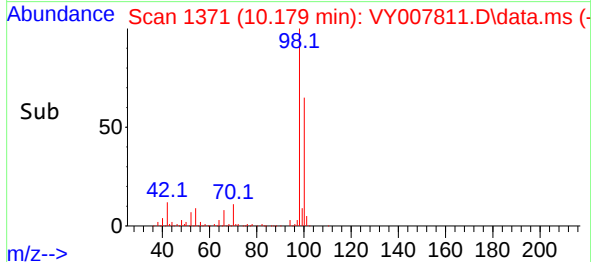
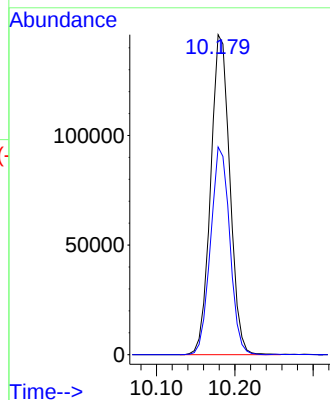
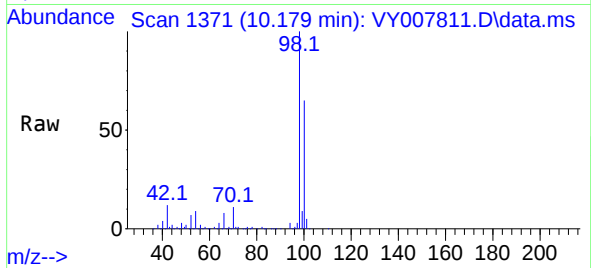




#50
Toluene-d8
Concen: 52.019 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

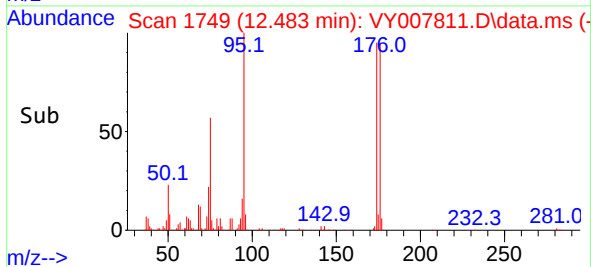
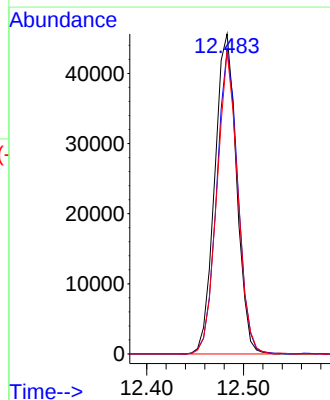
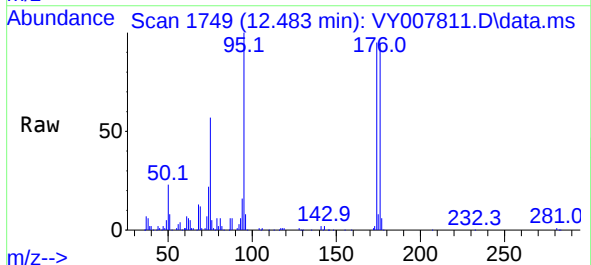
Instrument :
MSVOA_Y
ClientSampleId :

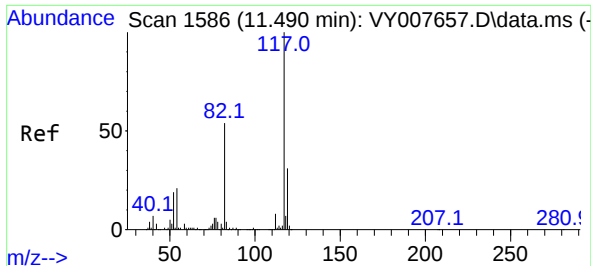
Tgt Ion: 98 Resp: 248233
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

Tgt Ion: 95 Resp: 71402
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 89.9 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: VY007811.D

Acq: 09 Mar 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

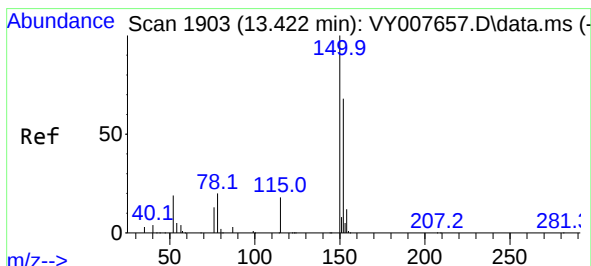
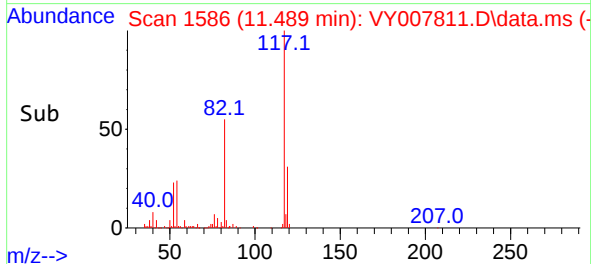
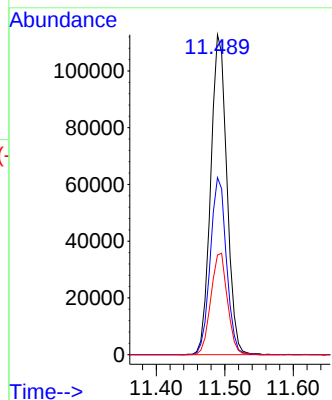
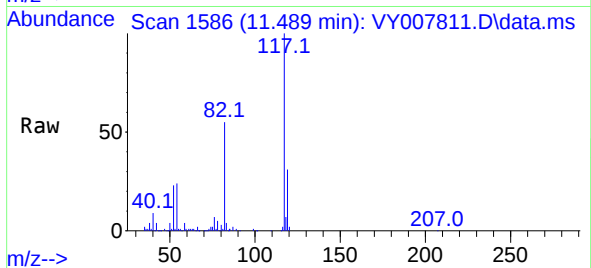
Tgt Ion:117 Resp: 184881

Ion Ratio Lower Upper

117 100

82 55.4 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# 1904

Delta R.T. 0.006 min

Lab File: VY007811.D

Acq: 09 Mar 2022 19:50

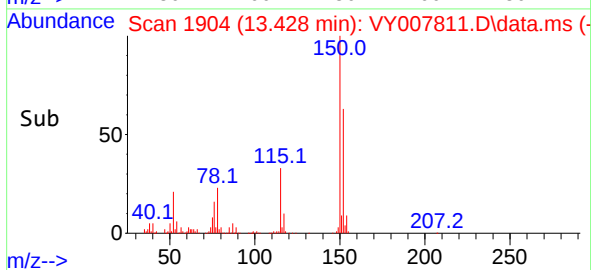
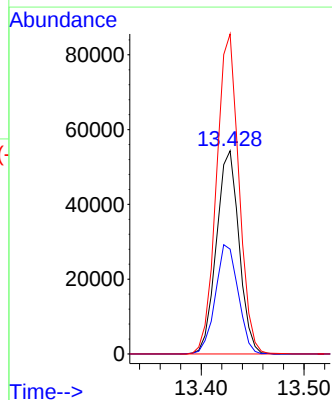
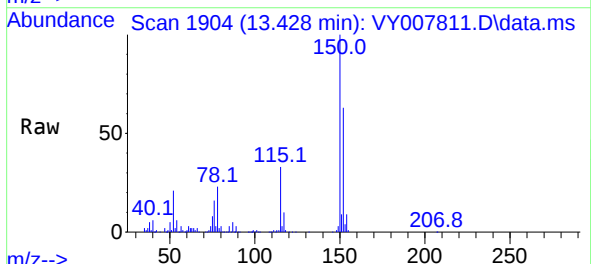
Tgt Ion:152 Resp: 83017

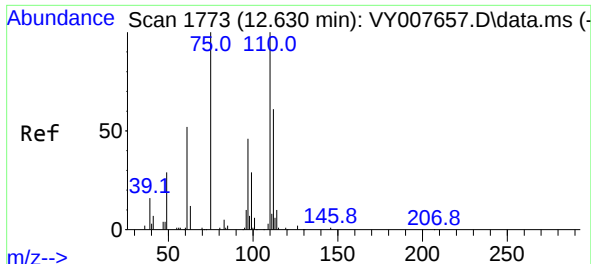
Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.0 0.0 347.6

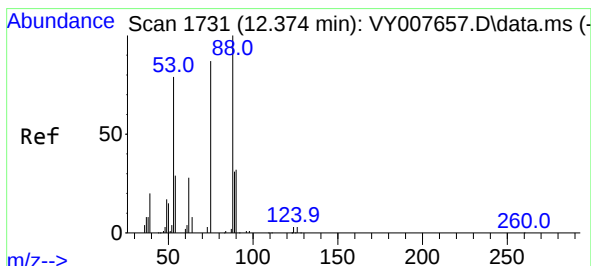
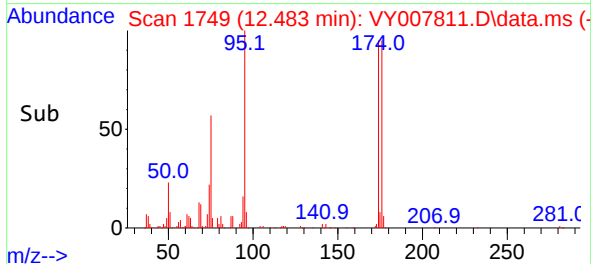
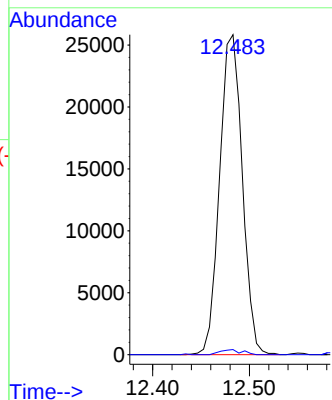
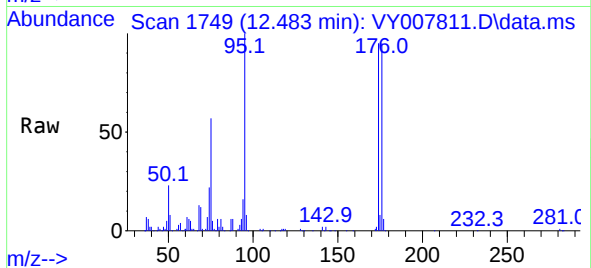




#76
1,2,3-Trichloropropane
Concen: 45.313 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42010
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007811.D
Acq: 09 Mar 2022 19:50

Tgt Ion: 75 Resp: 42010
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

