

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007778.D
 Acq On : 08 Mar 2022 14:31
 Operator : SY/MD
 Sample : N1830-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:26:41 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)

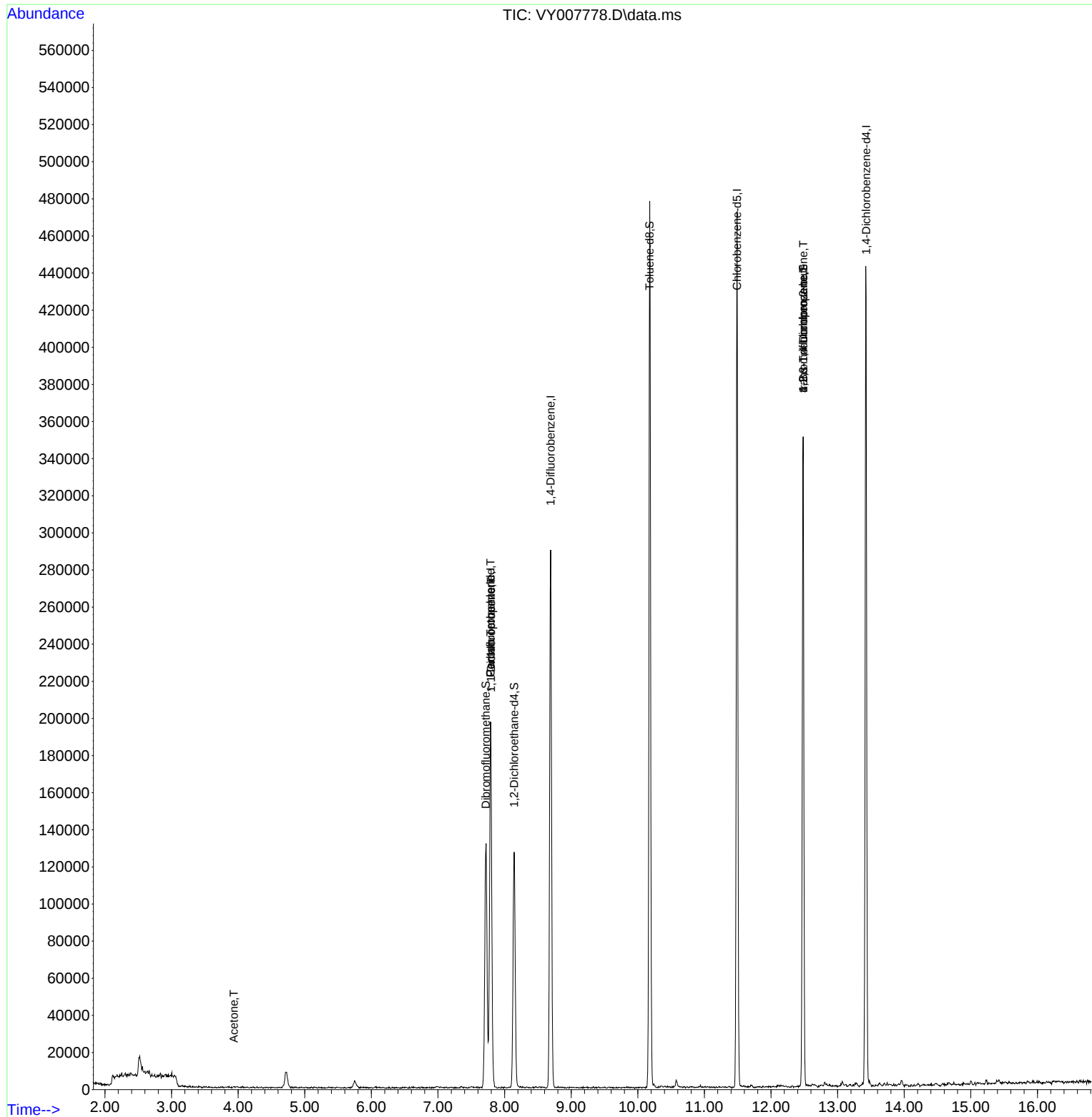
Internal Standards						
1) Pentafluorobenzene	7.789	168	153630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	251070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97248	60.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.920%	
35) Dibromofluoromethane	7.716	113	89048	55.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.960%	
50) Toluene-d8	10.179	98	311005	52.635	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.483	95	95313	50.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.080%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	2220	Below Cal		96
13) Acrolein	3.662	56	31	Below Cal	#	14
16) Acetone	3.936	43	571	1.745	ug/l #	73
17) Carbon Disulfide	4.204	76	76	Below Cal	#	75
18) Methyl Acetate	4.485	43	125	Below Cal	#	56
20) Methylene Chloride	4.729	84	6308	Below Cal	#	79
31) Cyclohexane	7.795	56	3462	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	11788	4.668	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15093	5.603	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	54483	43.917	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54483	89.782	ug/l #	7

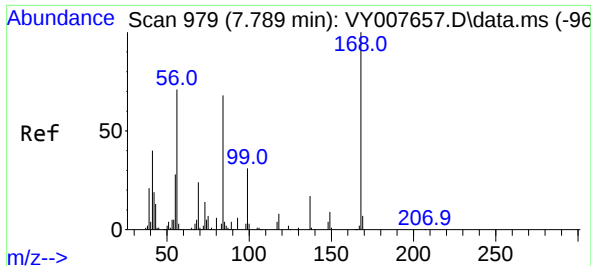
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

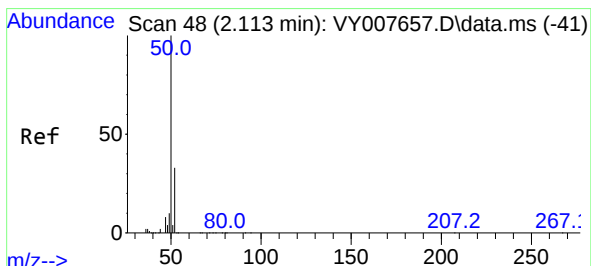
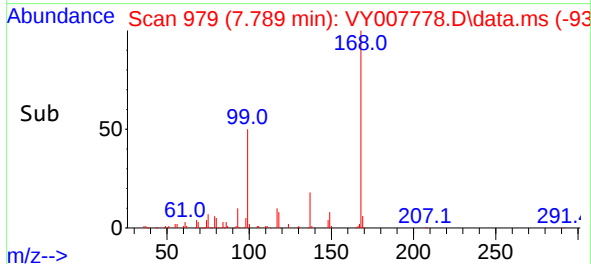
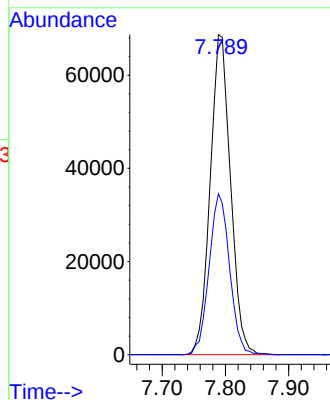
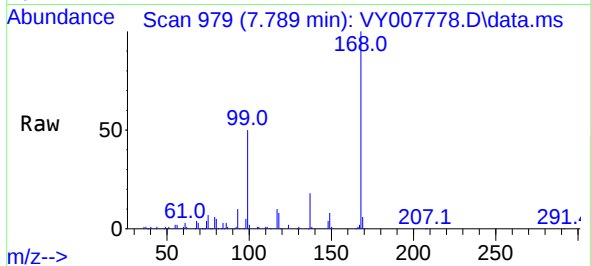




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

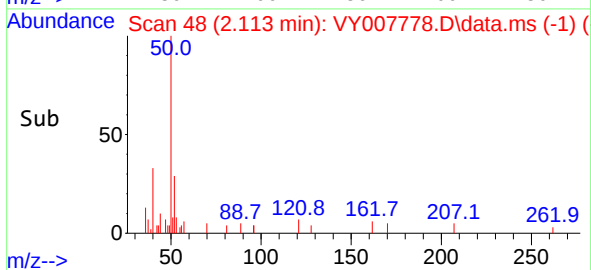
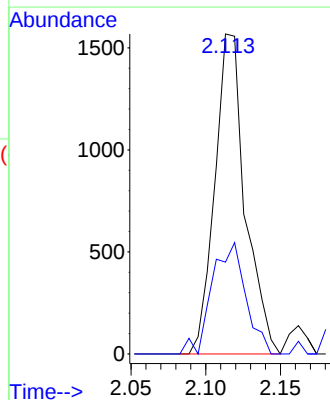
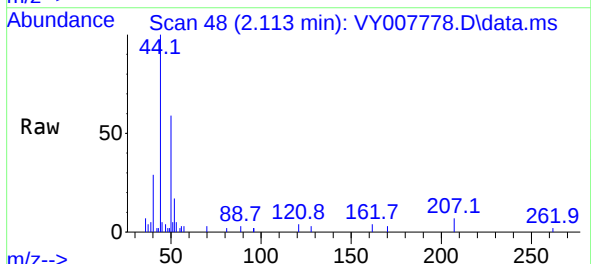
Instrument :
MSVOA_Y
ClientSampleId :

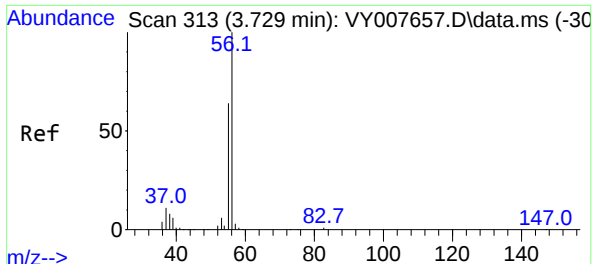
Tgt Ion:168 Resp: 153630
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Tgt Ion: 50 Resp: 2220
Ion Ratio Lower Upper
50 100
52 28.7 24.6 37.0

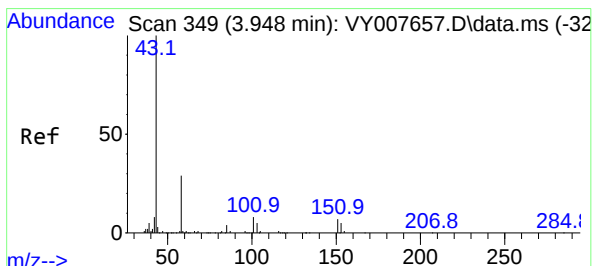
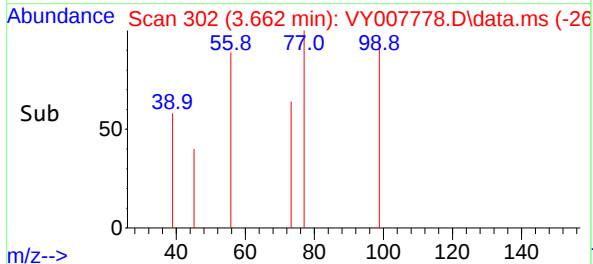
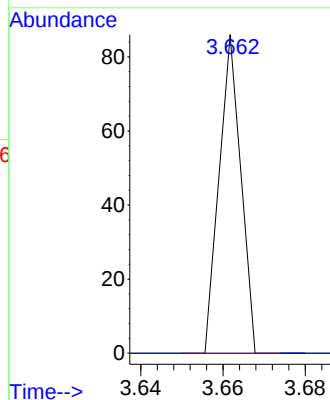
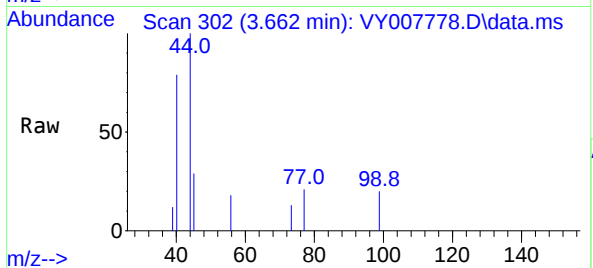




#13
Acrolein
Concen: Below Cal
RT: 3.662 min Scan# 30
Delta R.T. -0.067 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

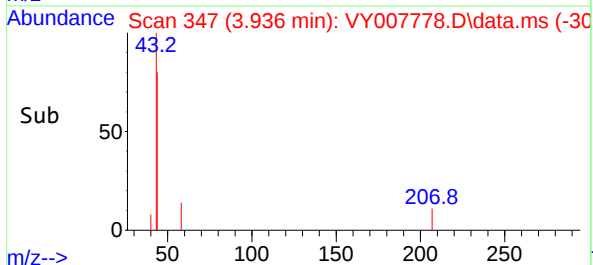
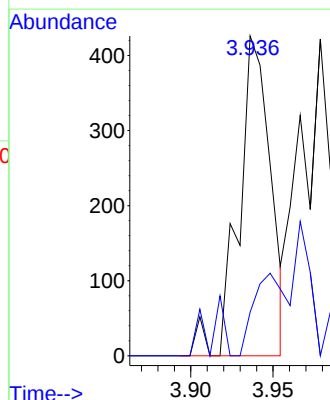
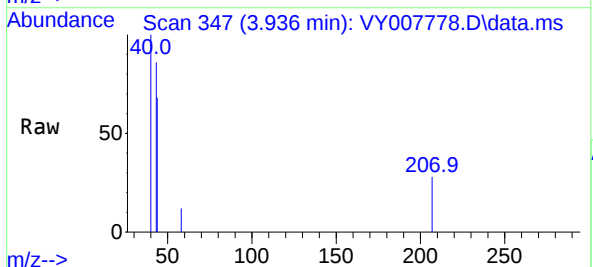
Instrument :
MSVOA_Y
ClientSampleId :

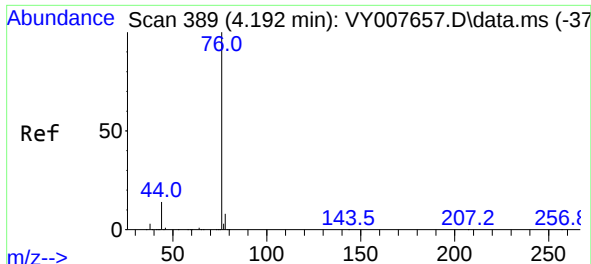
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 1.745 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 13.6 22.0 33.0#

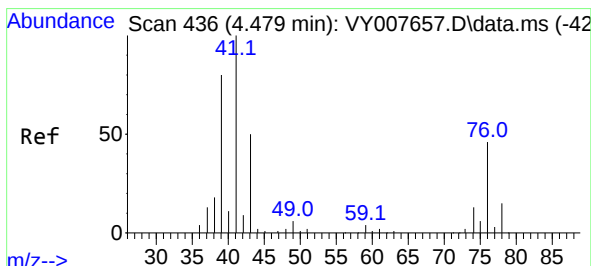
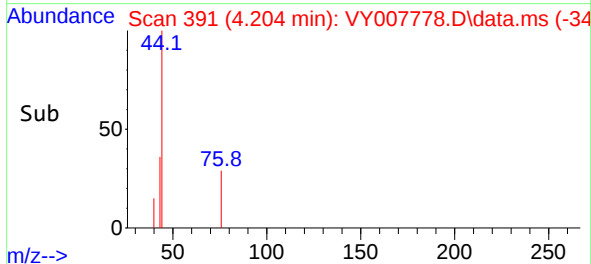
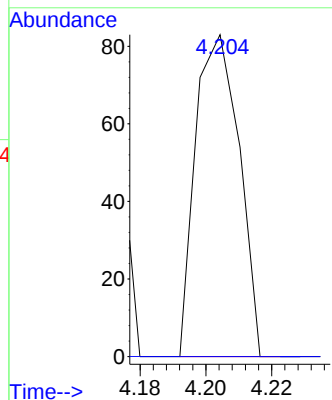
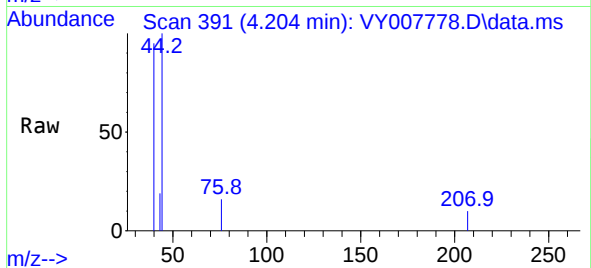




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

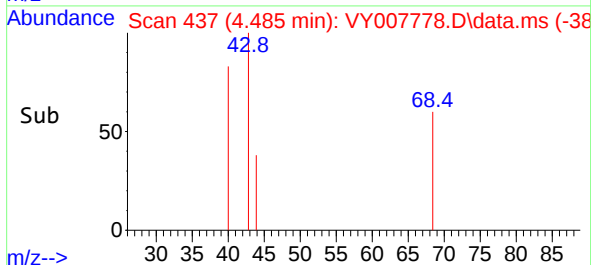
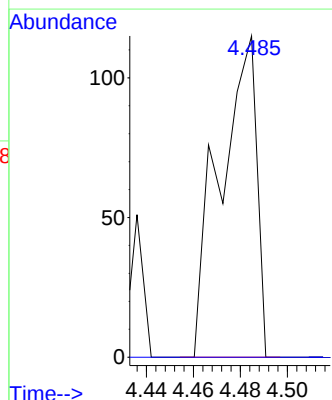
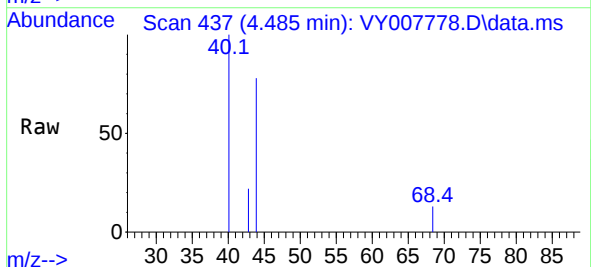
Instrument :
MSVOA_Y
ClientSampleId :

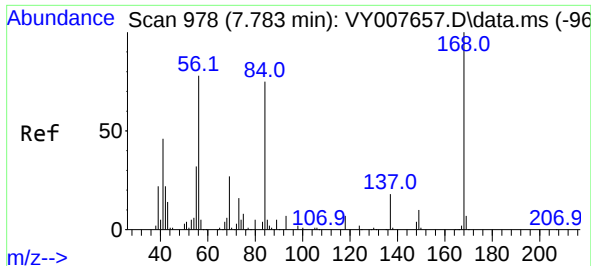
Tgt Ion: 76 Resp: 76
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

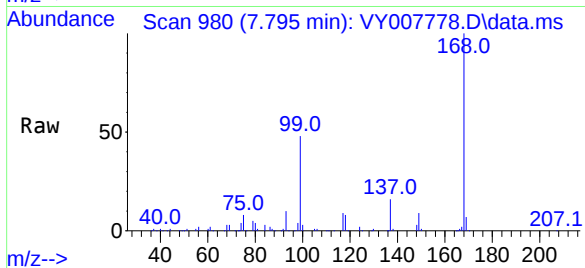
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



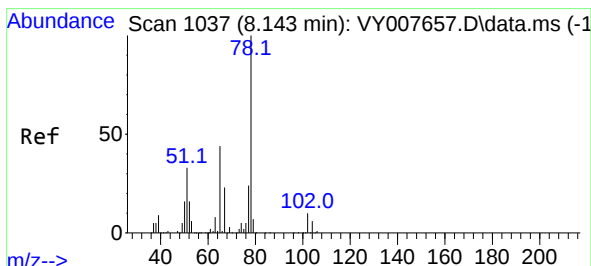
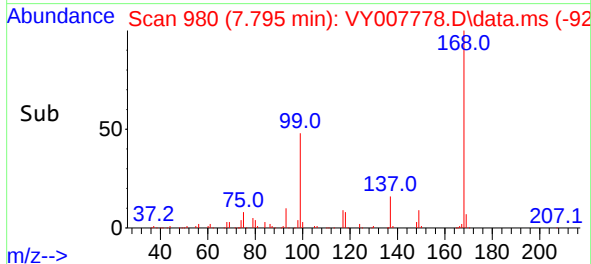
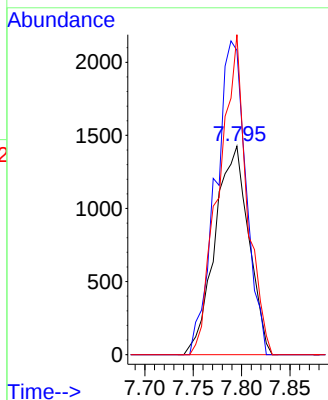


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Instrument :
MSVOA_Y
ClientSampleId :

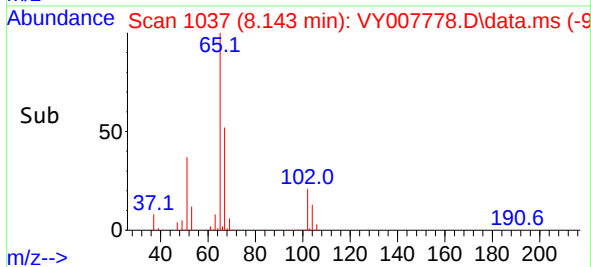
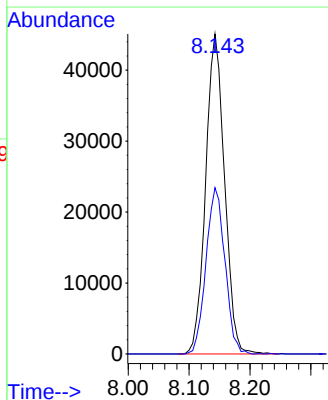
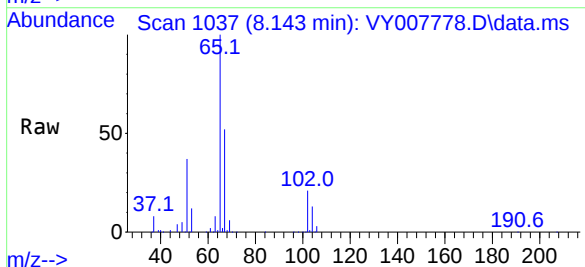


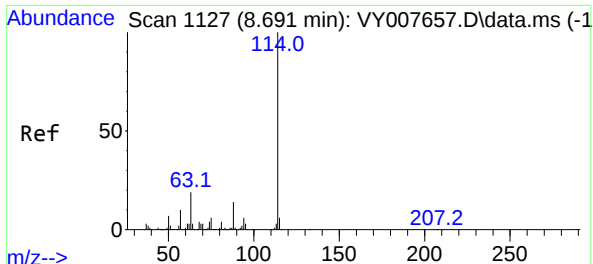
Tgt Ion: 56 Resp: 3462
Ion Ratio Lower Upper
56 100
69 146.0 26.7 40.1#
84 153.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.464 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Tgt Ion: 65 Resp: 97248
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: VY007778.D

Acq: 08 Mar 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

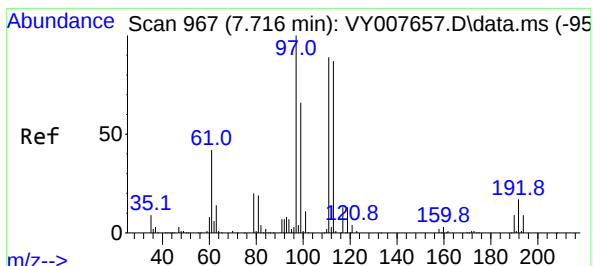
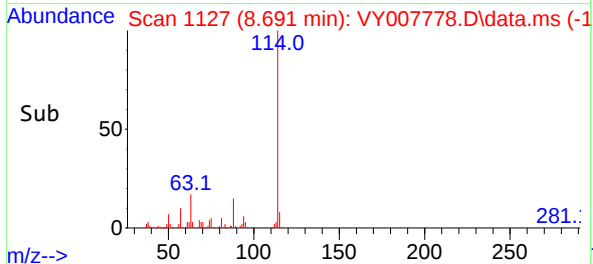
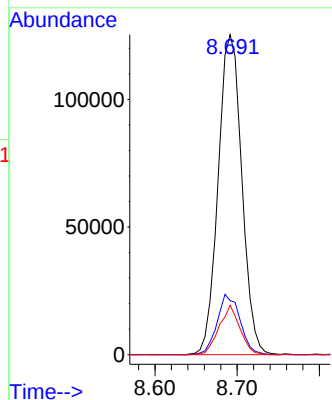
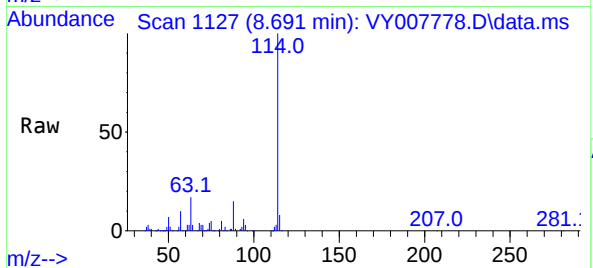
Tgt Ion:114 Resp: 251070

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.476 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007778.D

Acq: 08 Mar 2022 14:31

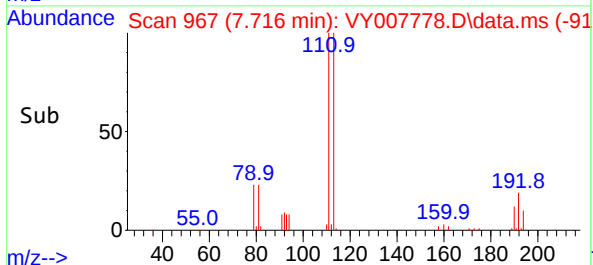
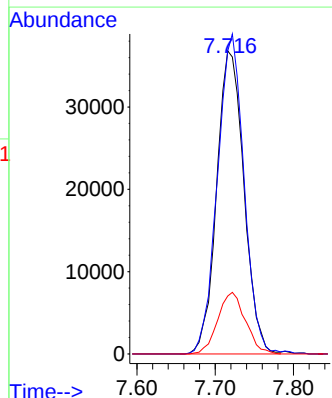
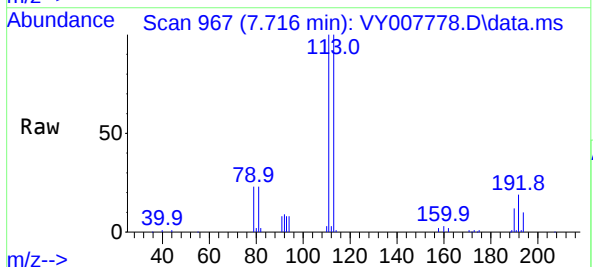
Tgt Ion:113 Resp: 89048

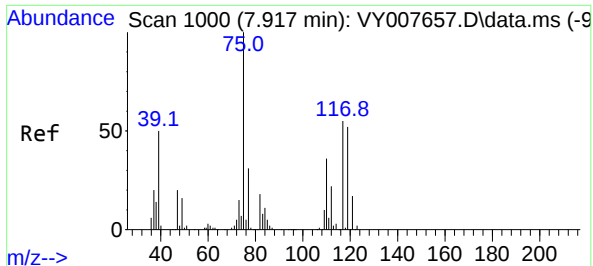
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

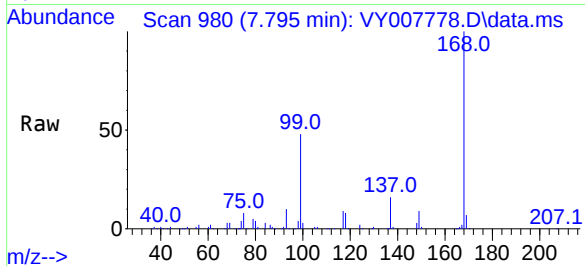
192 20.7 17.6 26.4



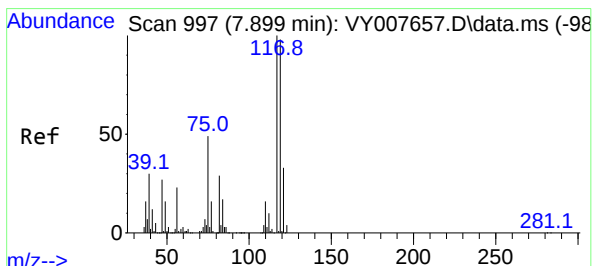
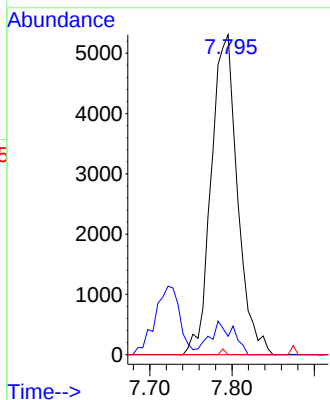
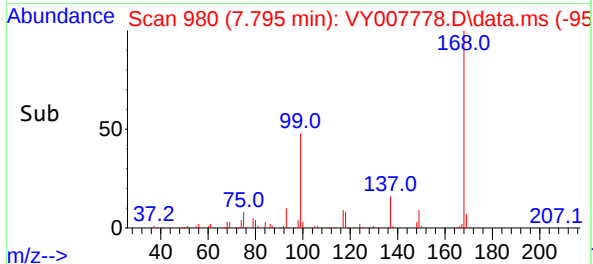


#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 7.795 min Scan# 910
Delta R.T. -0.122 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

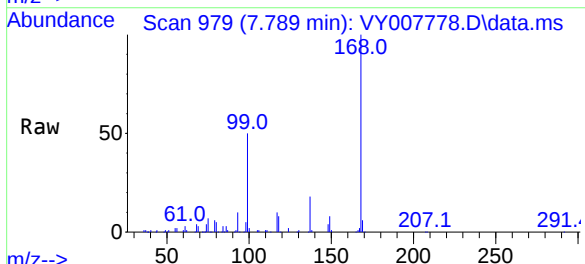
Instrument :
MSVOA_Y
ClientSampleId :



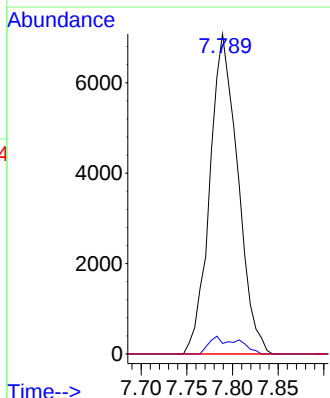
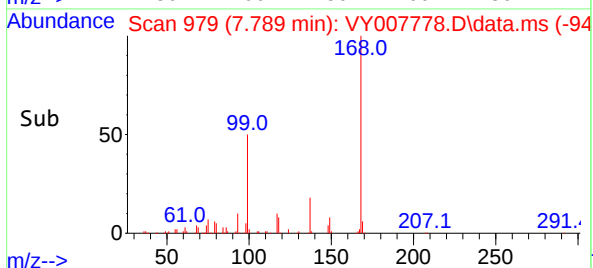
Tgt Ion: 75 Resp: 11788
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.3 24.4 36.6#

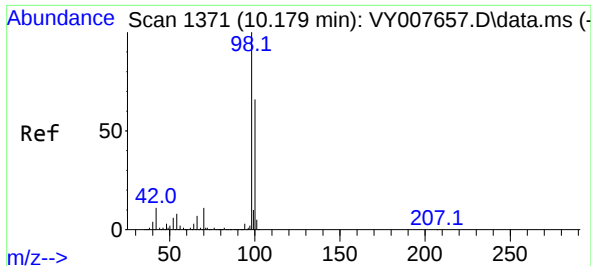


#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31



Tgt Ion: 117 Resp: 15093
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#

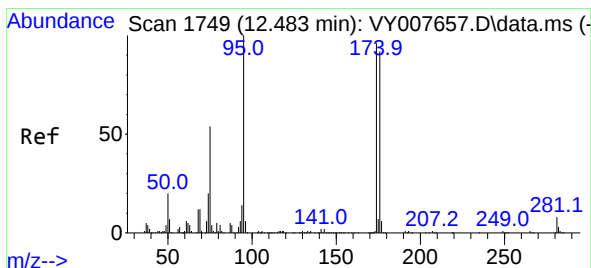
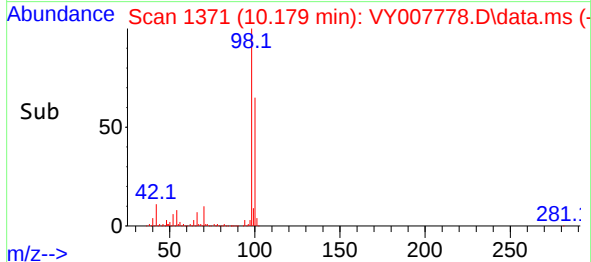
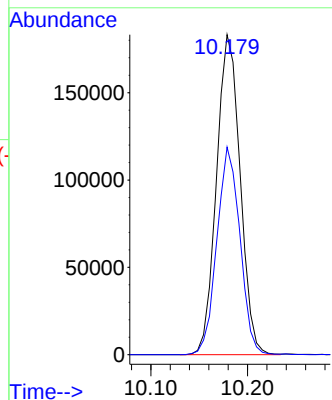
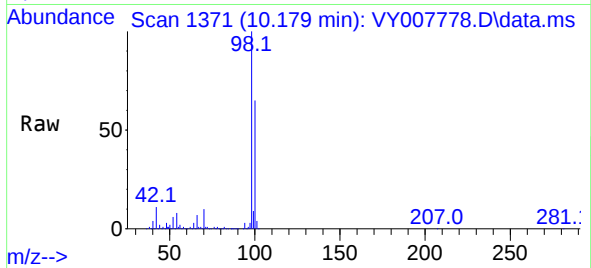




#50
Toluene-d8
Concen: 52.635 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

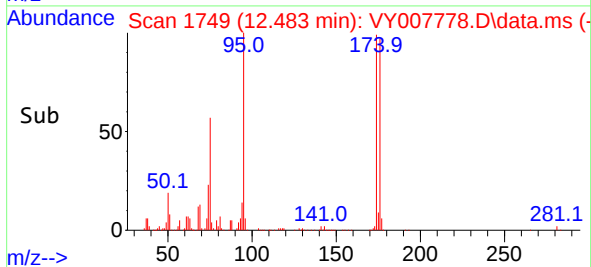
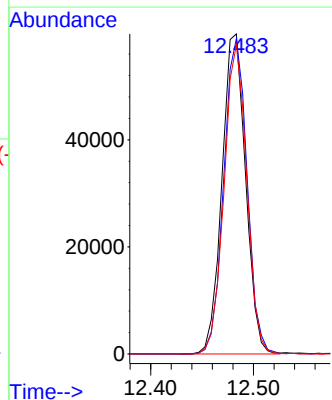
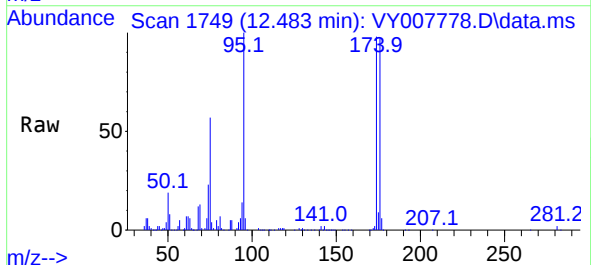
Instrument :
MSVOA_Y
ClientSampleId :

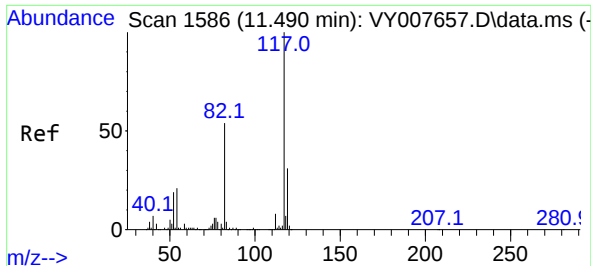
Tgt Ion: 98 Resp: 311005
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.043 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

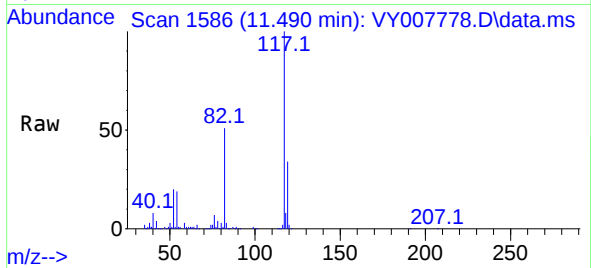
Tgt Ion: 95 Resp: 95313
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.0 0.0 175.8



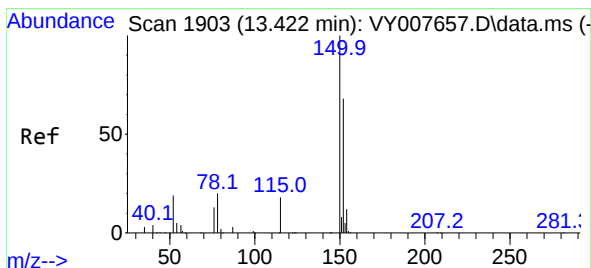
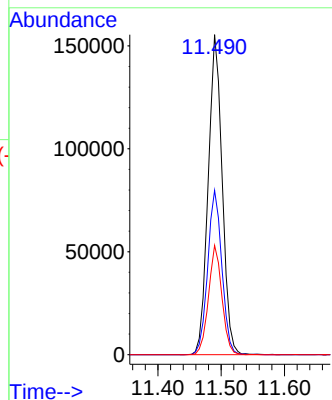
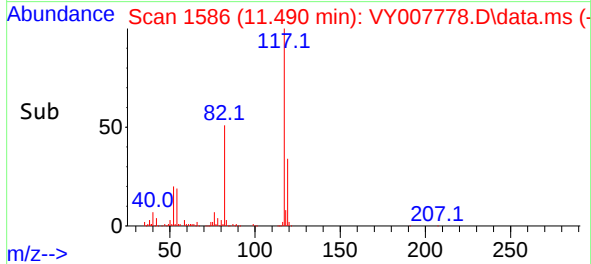


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

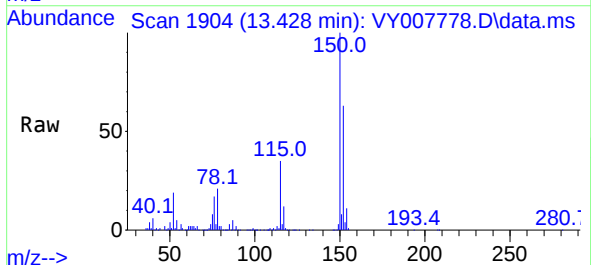
Instrument :
MSVOA_Y
ClientSampleId :



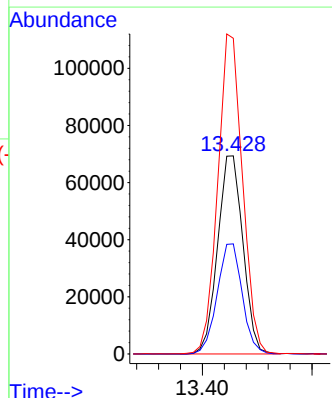
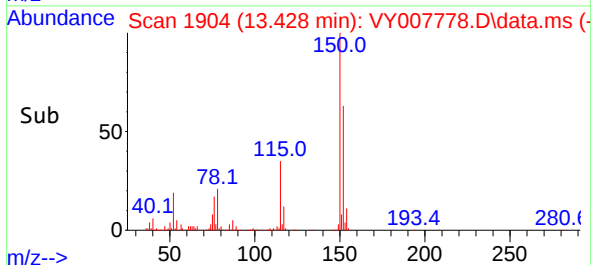
Tgt Ion:117 Resp: 239603
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 34.2 25.4 38.0

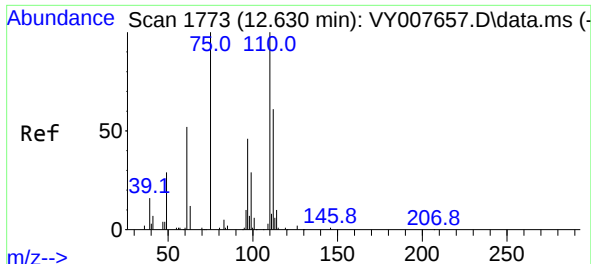


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31



Tgt Ion:152 Resp: 111089
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 158.1 0.0 347.6

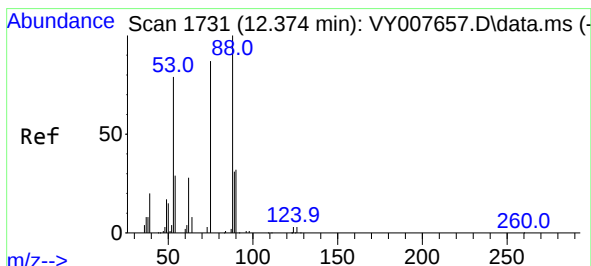
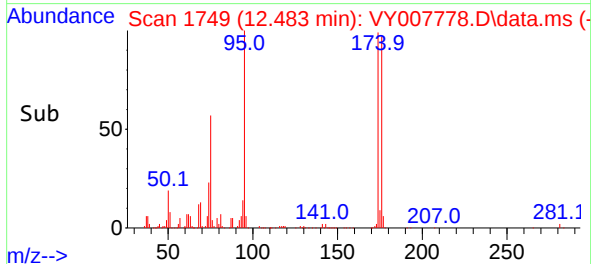
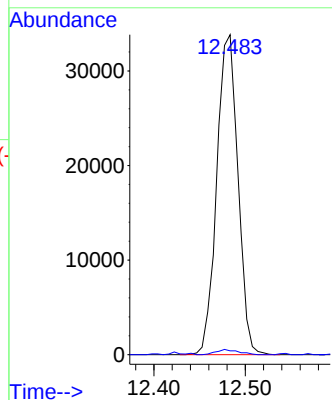
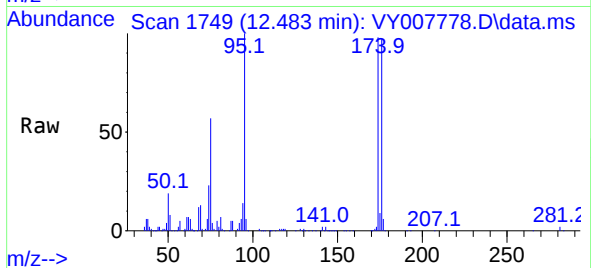




#76
1,2,3-Trichloropropane
Concen: 43.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 54483
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.782 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Tgt Ion: 75 Resp: 54483
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

