

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004157.D
 Acq On : 22 Mar 2021 12:35
 Operator : SY/MD
 Sample : M1746-10
 Misc : 6.86g/5mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 23 01:08:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	189255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	323605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	111613	59.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.52%
35) Dibromofluoromethane	7.728	113	99470	54.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.02%
50) Toluene-d8	10.185	98	383575	53.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.24%
62) 4-Bromofluorobenzene	12.483	95	142115	53.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.58%

Target Compounds

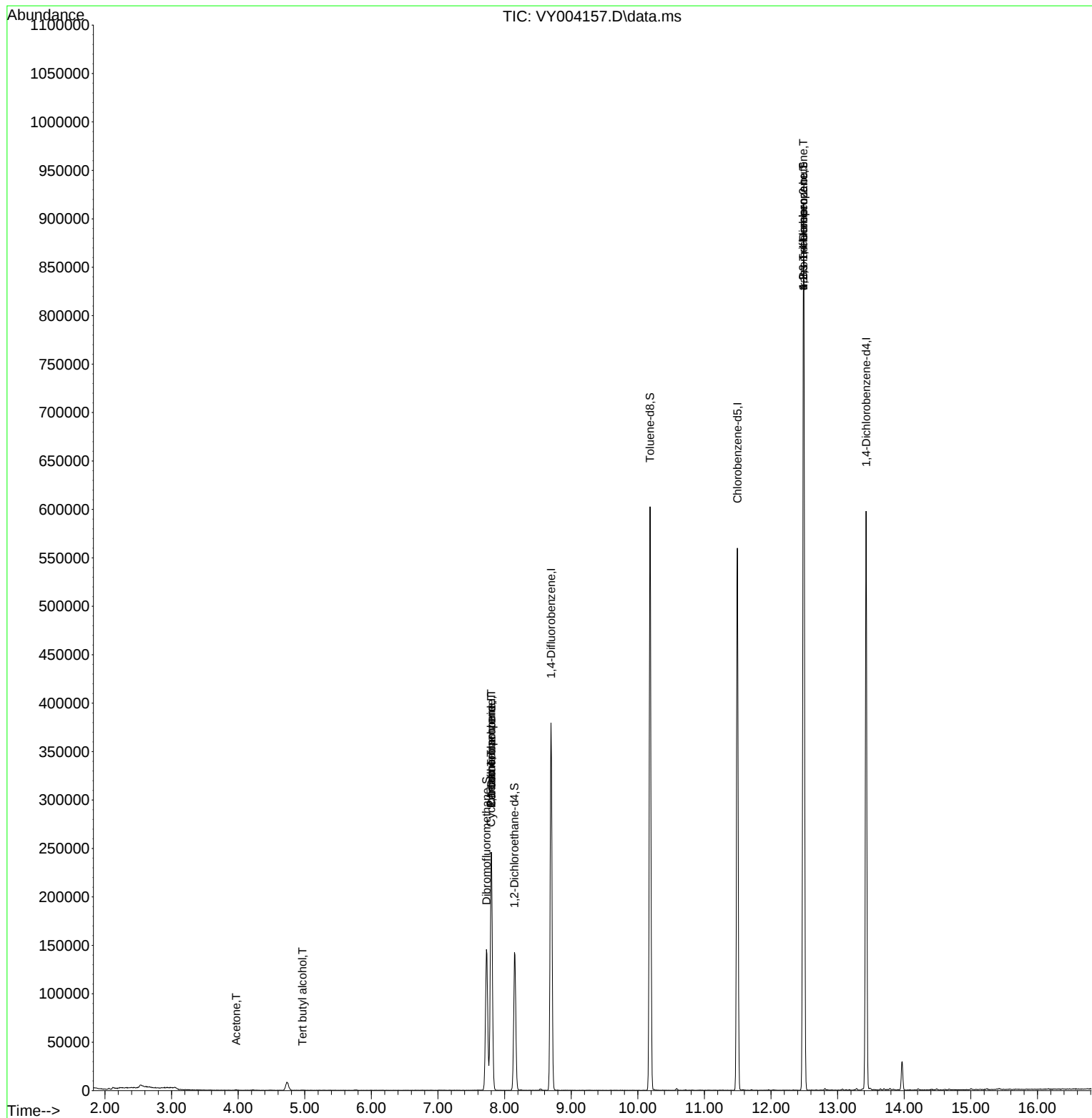
						Qvalue
2) Dichlorodifluoromethane	1.918	85	55	Below Cal	#	41
3) Chloromethane	2.119	50	736	Below Cal		97
11) Tert butyl alcohol	4.966	59	181	1.07 ug/l	#	76
16) Acetone	3.973	43	883	1.96 ug/l		94
20) Methylene Chloride	4.729	84	6492	Below Cal	#	83
31) Cyclohexane	7.795	56	3932	1.20 ug/l	#	15
36) 1,1-Dichloropropene	7.801	75	13883	4.88 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	18949	6.28 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	79750	55.79 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79750	110.10 ug/l	#	14

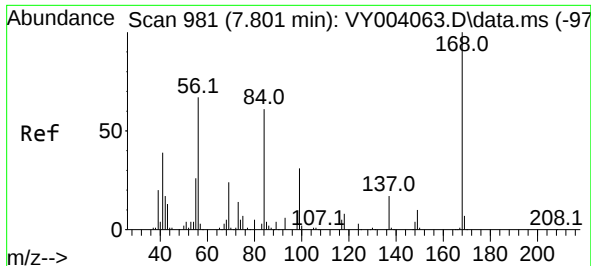
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

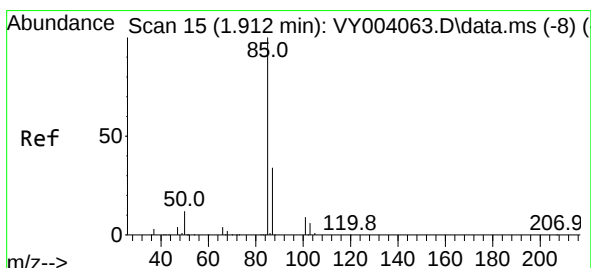
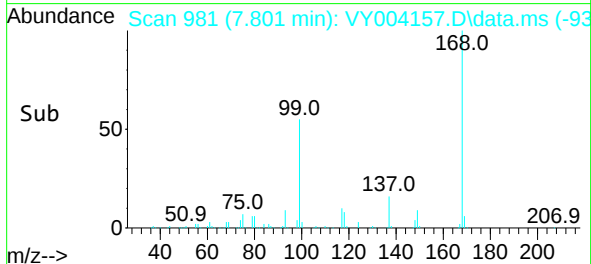
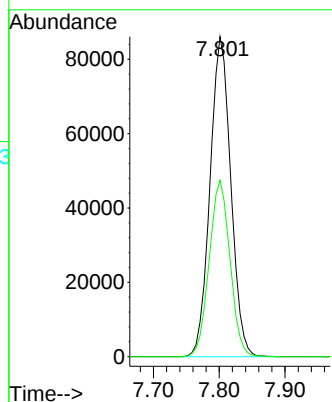
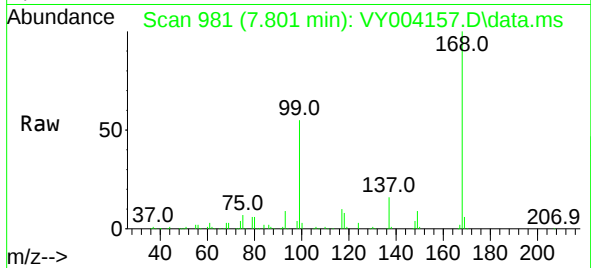




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

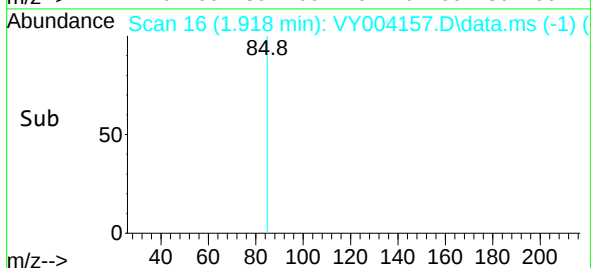
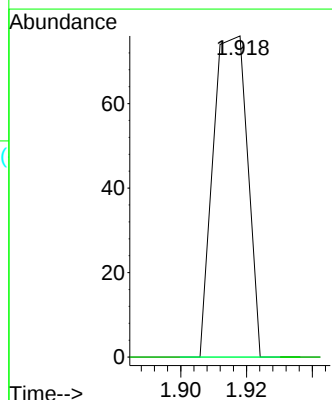
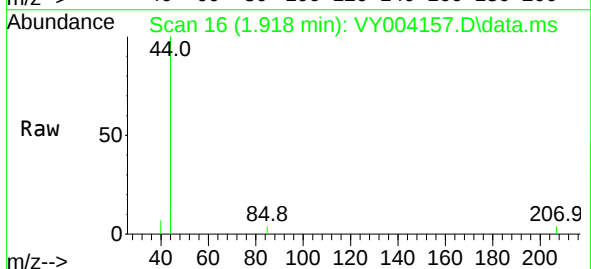
Instrument :
MSVOA_Y
ClientSampled :

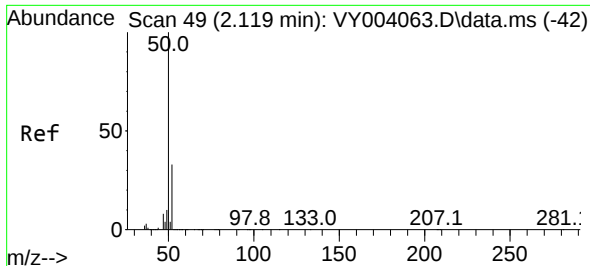
Tgt Ion:168 Resp: 189255
Ion Ratio Lower Upper
168 100
99 55.1 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

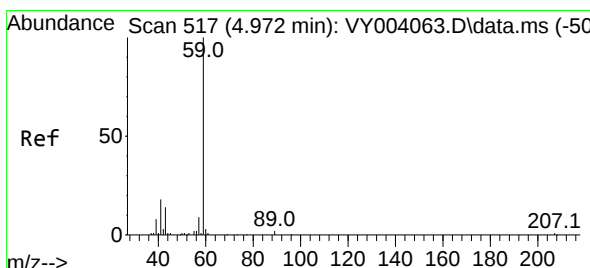
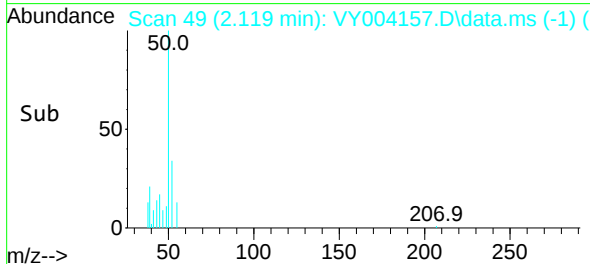
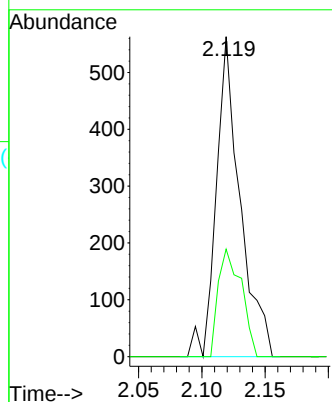
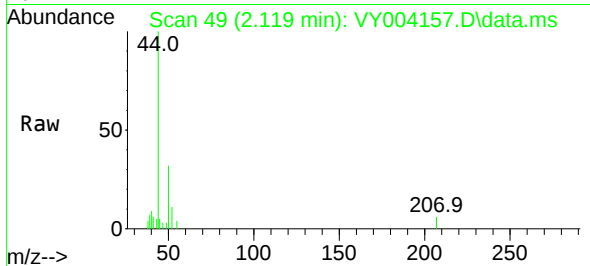




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

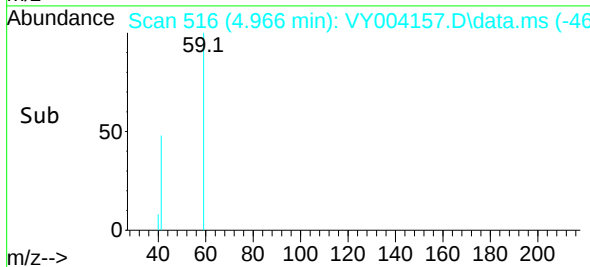
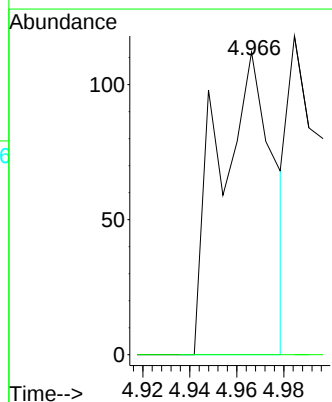
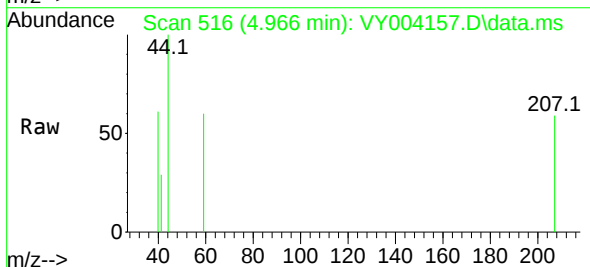
Instrument :
MSVOA_Y
ClientSampled :

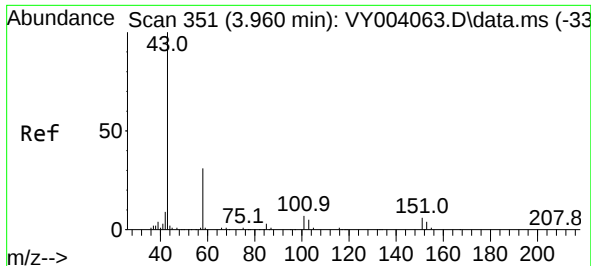
Tgt Ion: 50 Resp: 736
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#11
Tert butyl alcohol
Concen: 1.07 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

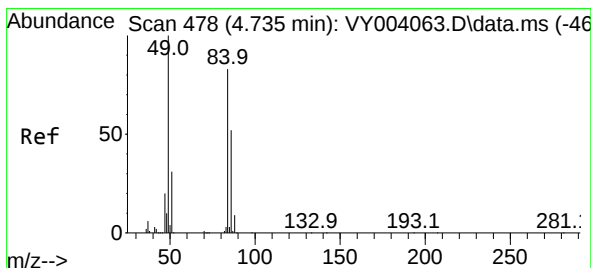
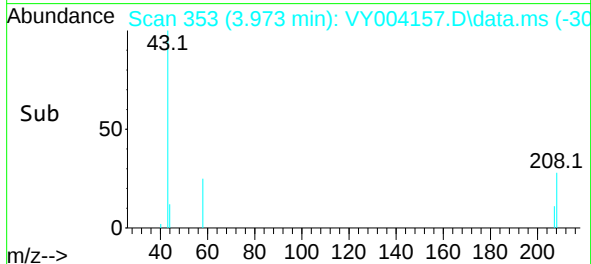
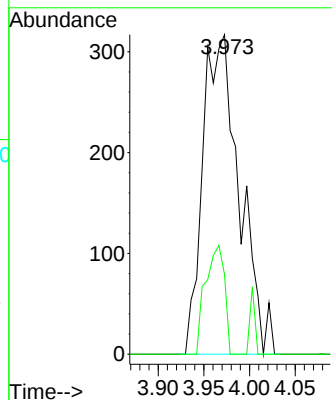
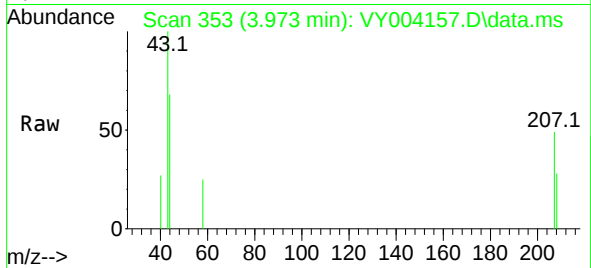




#16
Acetone
Concen: 1.96 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

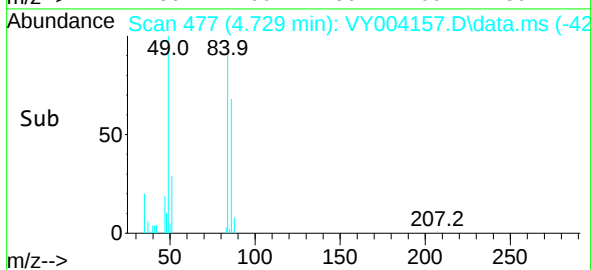
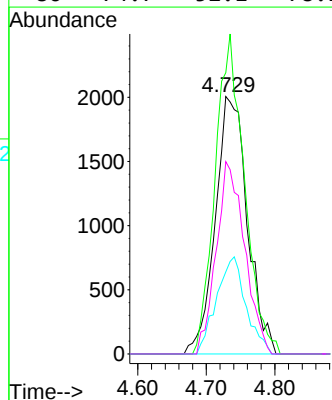
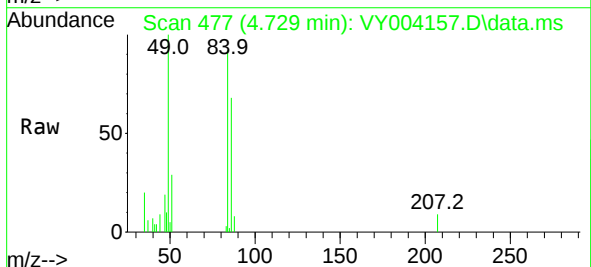
Instrument :
MSVOA_Y
ClientSampled :

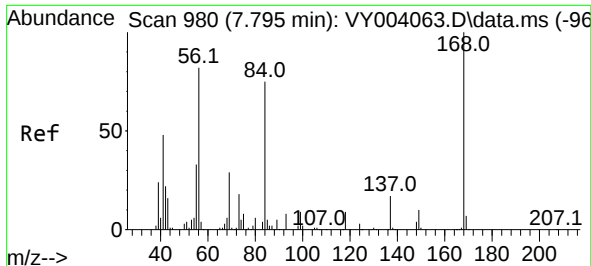
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 24.9 22.6 34.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

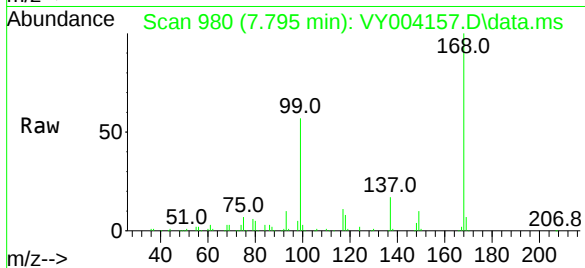
Tgt Ion: 84 Resp: 6492
Ion Ratio Lower Upper
84 100
49 109.3 105.8 158.6
51 31.9 32.6 48.8#
86 74.7 52.1 78.1



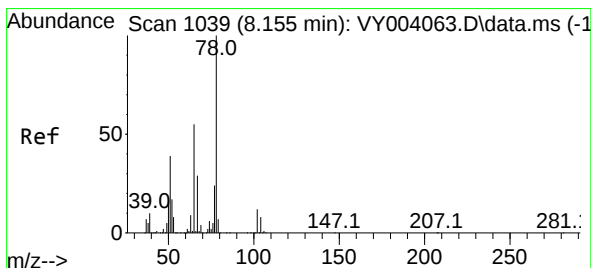
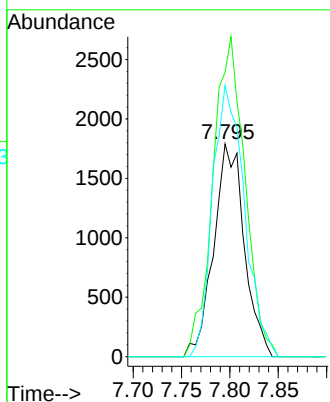
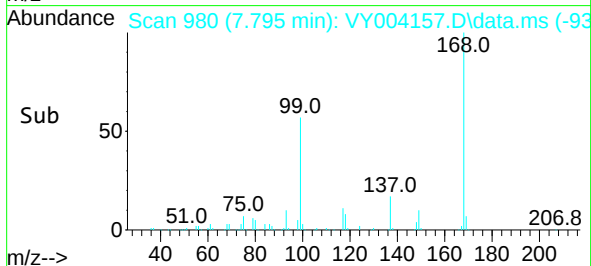


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

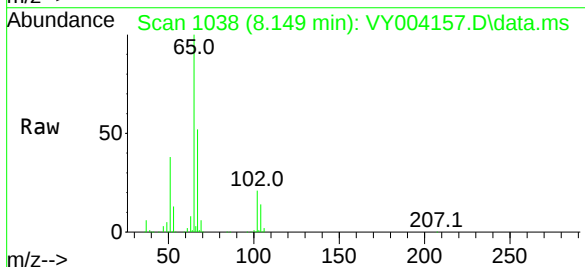
Instrument :
MSVOA_Y
ClientSampled :



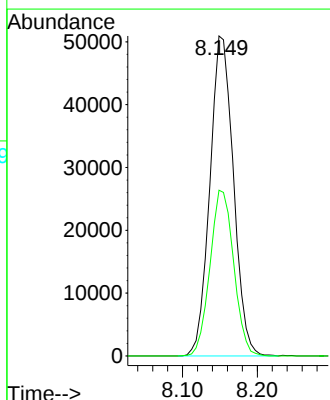
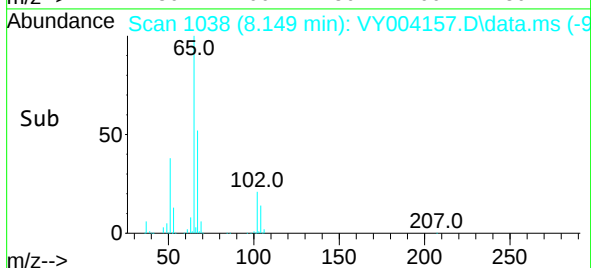
Tgt Ion: 56 Resp: 3932
Ion Ratio Lower Upper
56 100
69 133.6 25.3 37.9#
84 127.5 67.3 100.9#

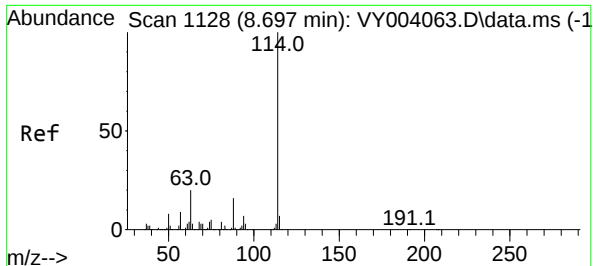


#33
1,2-Dichloroethane-d4
Concen: 59.76 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35



Tgt Ion: 65 Resp: 111613
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004157.D

Acq: 22 Mar 2021 12:35

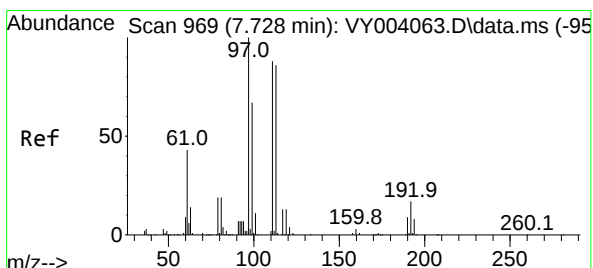
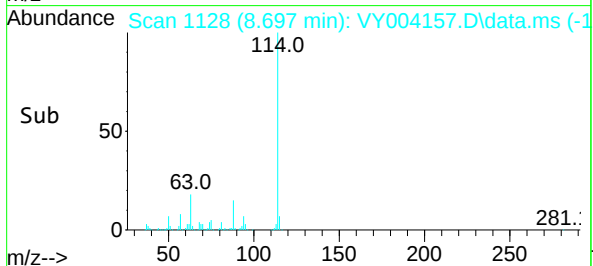
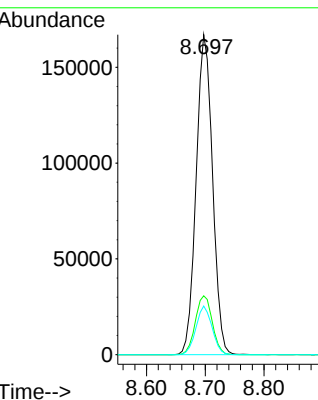
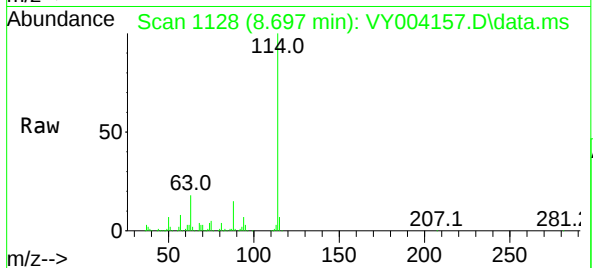
Tgt Ion:114 Resp: 323605

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.51 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004157.D

Acq: 22 Mar 2021 12:35

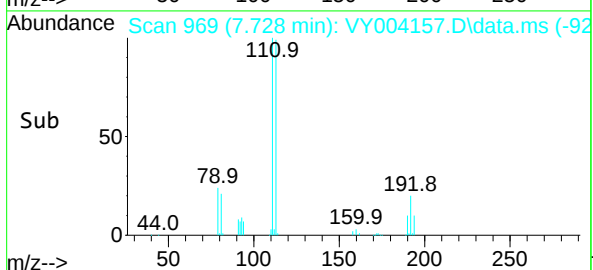
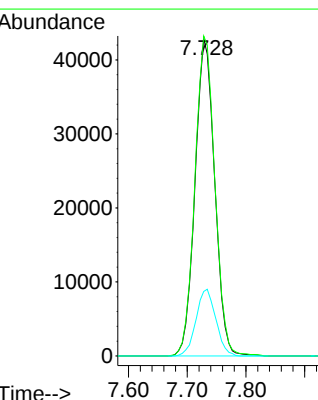
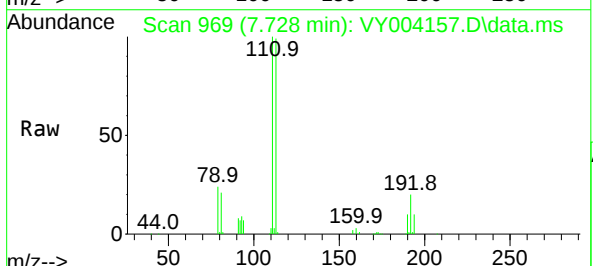
Tgt Ion:113 Resp: 99470

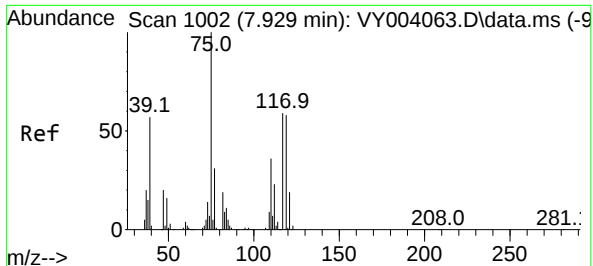
Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 21.2 18.5 27.7

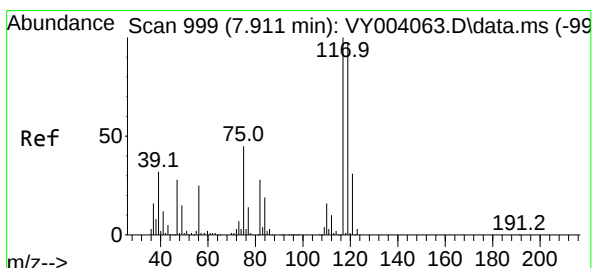
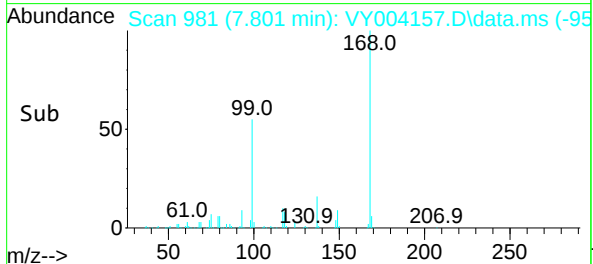
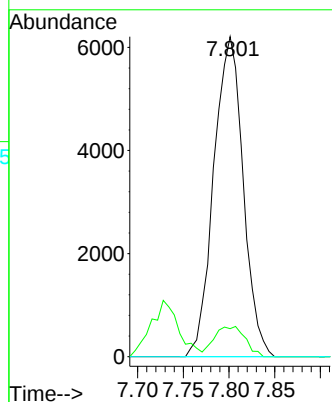
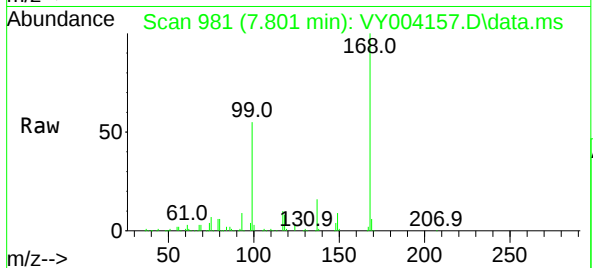




#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

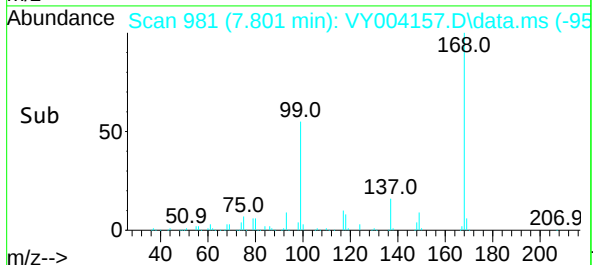
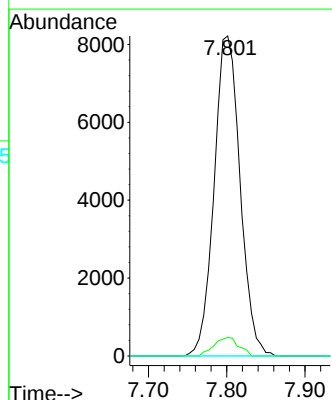
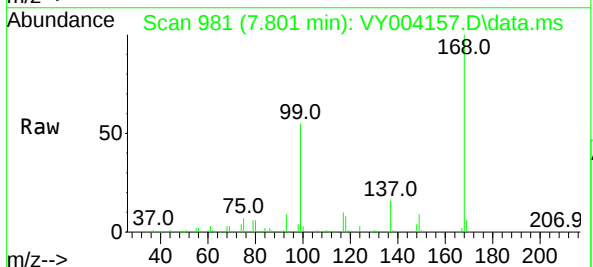
Instrument :
MSVOA_Y
ClientSampleId :

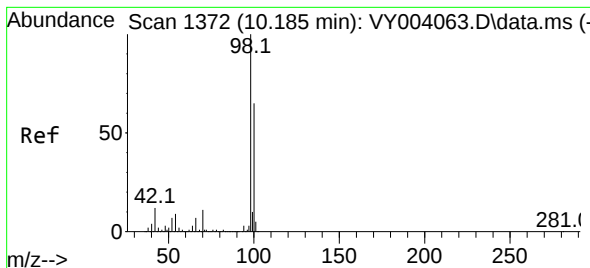
Tgt Ion: 75 Resp: 13883
Ion Ratio Lower Upper
75 100
110 9.9 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion: 117 Resp: 18949
Ion Ratio Lower Upper
117 100
119 5.8 75.4 113.0#
121 0.0 24.2 36.2#

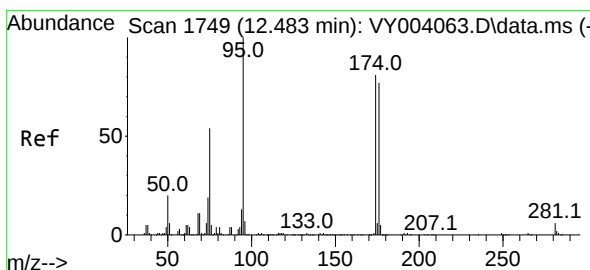
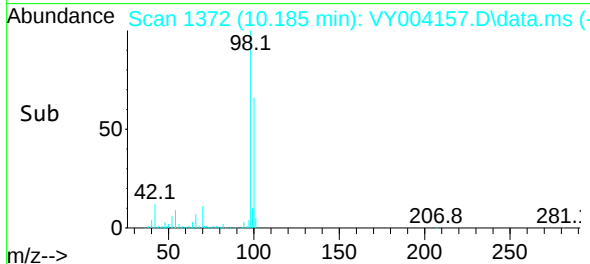
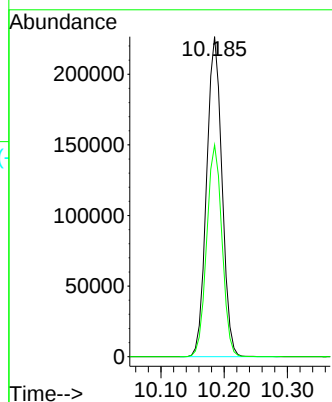
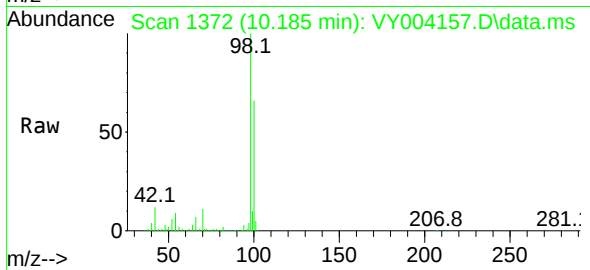




#50
Toluene-d8
Concen: 53.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

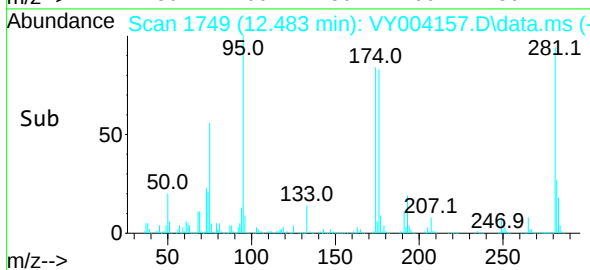
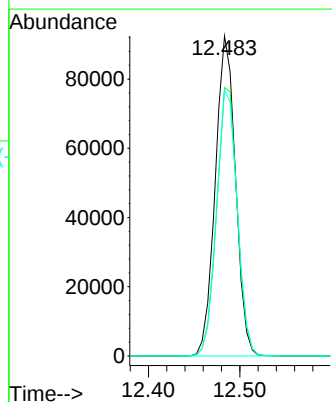
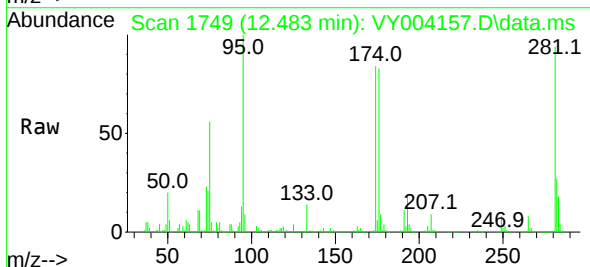
Instrument :
MSVOA_Y
ClientSampled :

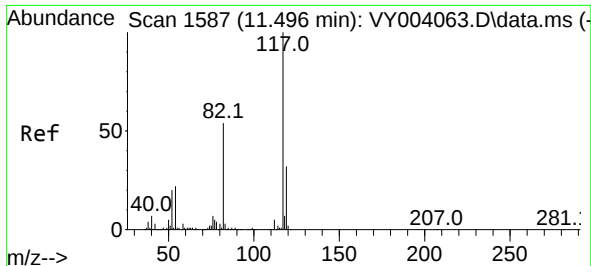
Tgt Ion: 98 Resp: 383575
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion: 95 Resp: 142115
Ion Ratio Lower Upper
95 100
174 85.8 0.0 179.0
176 84.5 0.0 174.4

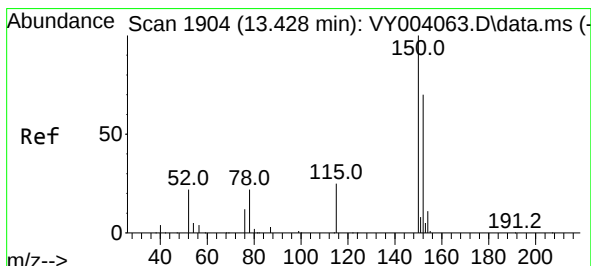
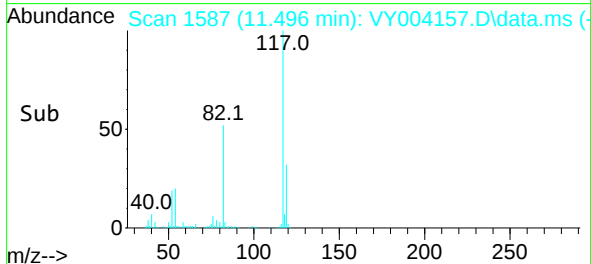
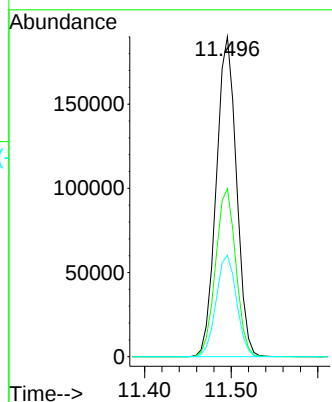
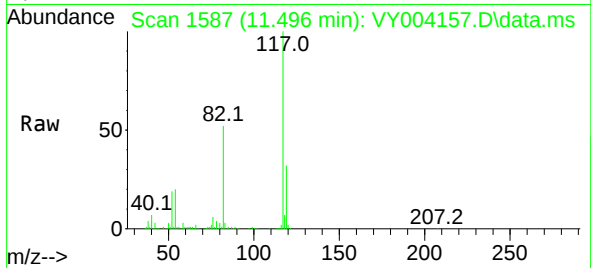




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

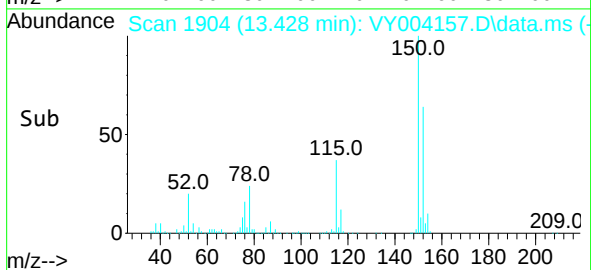
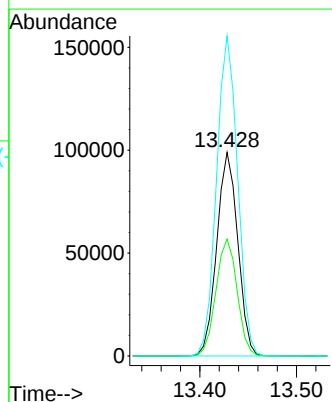
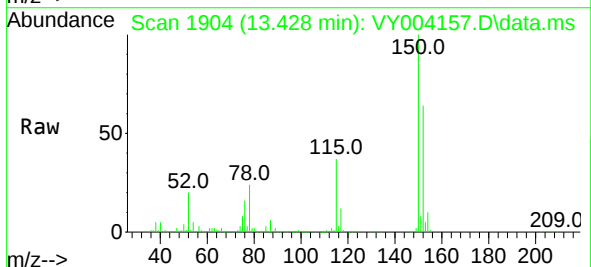
Instrument :
MSVOA_Y
ClientSampleId :

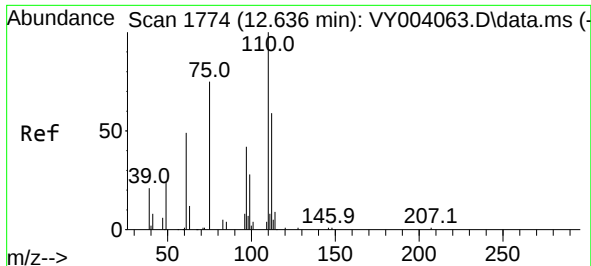
Tgt Ion:117 Resp: 307032
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.6
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion:152 Resp: 149088
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.6
150 157.7 0.0 347.2

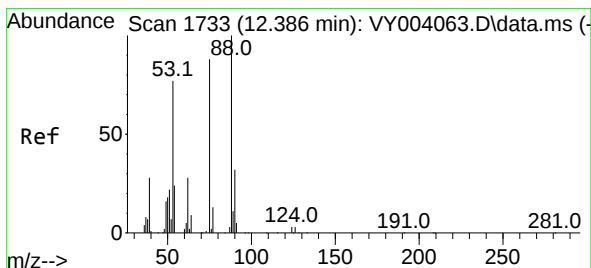
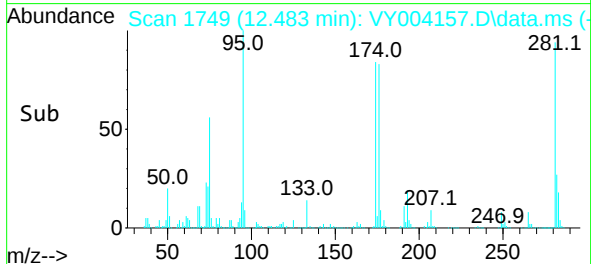
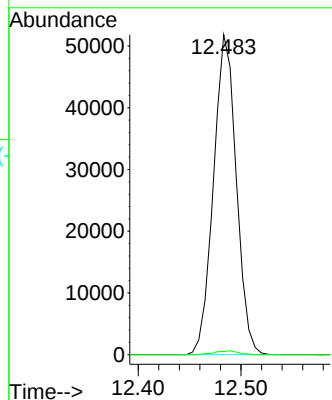
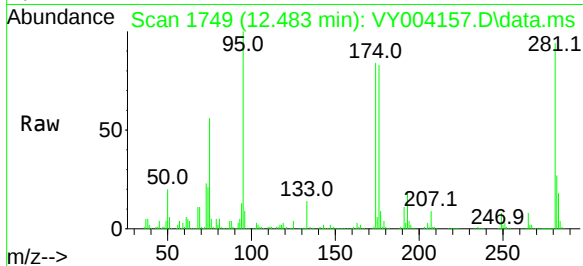




#76
1,2,3-Trichloropropane
Concen: 55.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 79750
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion: 75 Resp: 79750
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 2.1 35.7 53.5#

