

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004180.D
 Acq On : 24 Mar 2021 12:05
 Operator : SY/MD
 Sample : M1771-01
 Misc : 5.09g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:18:20 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)

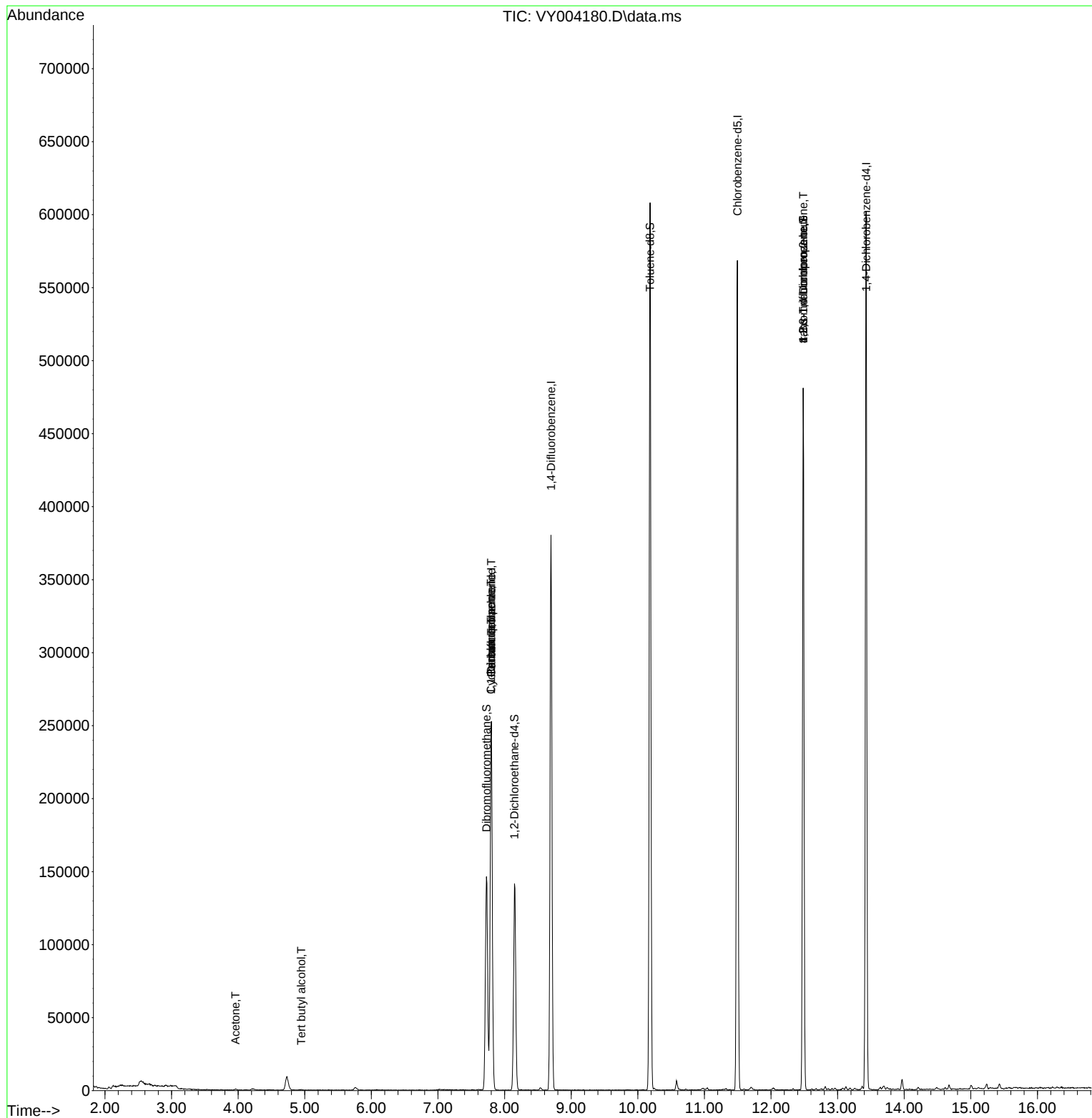
Internal Standards						
1) Pentafluorobenzene	7.801	168	198370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	312384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110966	56.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.36%
35) Dibromofluoromethane	7.728	113	102102	55.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.14%
50) Toluene-d8	10.185	98	387175	53.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.54%
62) 4-Bromofluorobenzene	12.483	95	143322	53.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.78%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	53	Below Cal	#	41
3) Chloromethane	2.119	50	989	Below Cal		98
11) Tert butyl alcohol	4.948	59	267	1.51 ug/l	#	76
16) Acetone	3.960	43	911	1.93 ug/l	#	81
20) Methylene Chloride	4.735	84	7110	Below Cal		85
31) Cyclohexane	7.795	56	3961	1.15 ug/l	#	13
36) 1,1-Dichloropropene	7.795	75	14617	5.06 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	19733	6.44 ug/l	#	16
58) 2-Chloroethyl Vinyl ether	9.789	63	45	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.483	75	75685	52.60 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75685	103.82 ug/l	#	13

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

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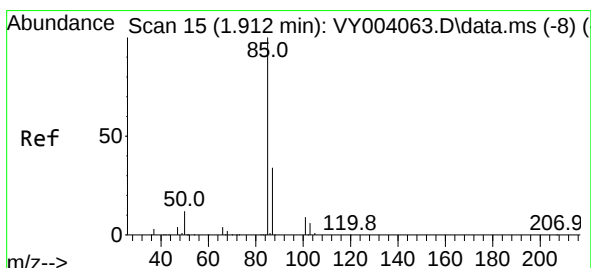
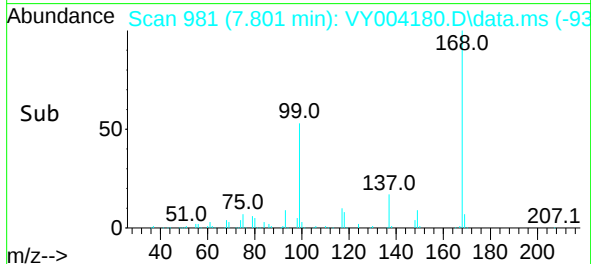
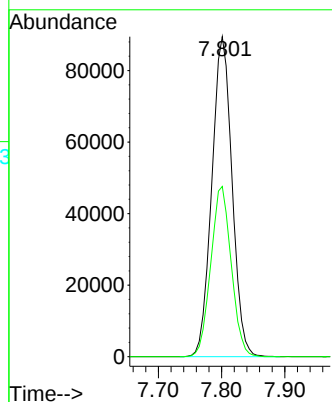
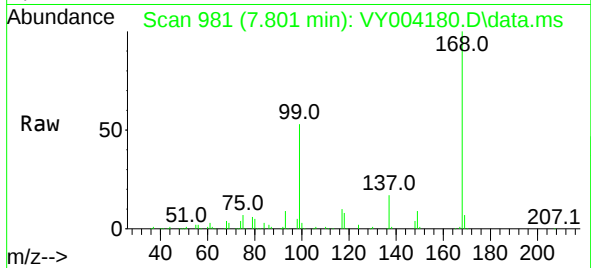




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

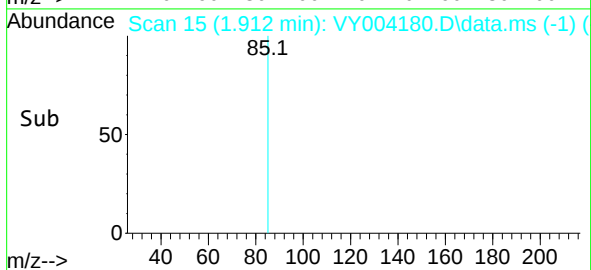
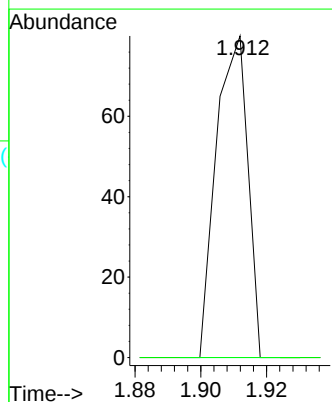
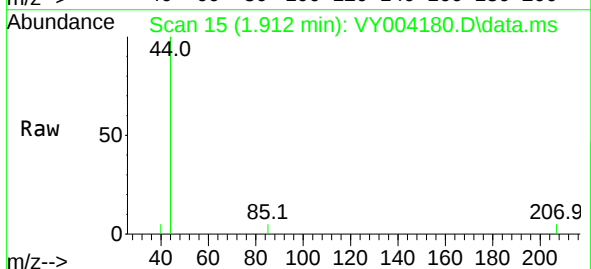
Instrument :
MSVOA_Y
ClientSampled :

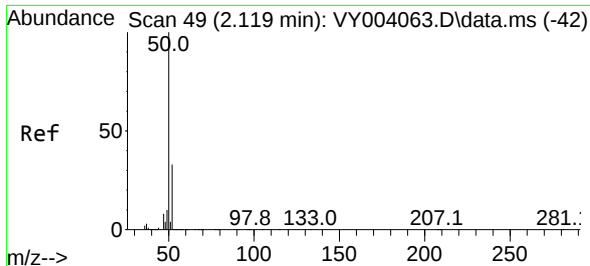
Tgt Ion:168 Resp: 198370
Ion Ratio Lower Upper
168 100
99 53.2 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

Tgt Ion: 85 Resp: 53
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

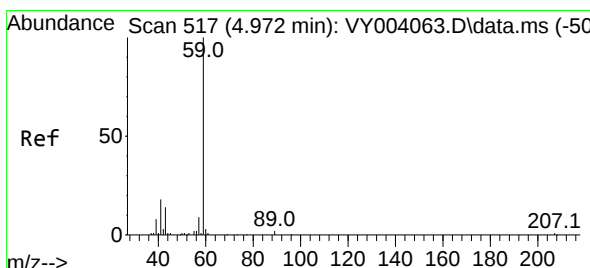
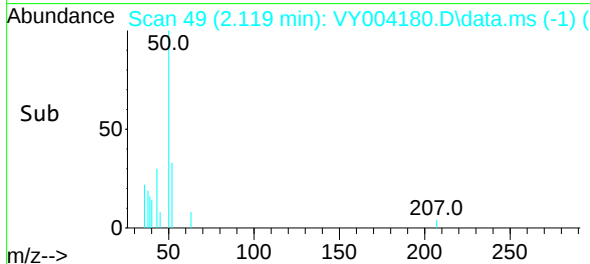
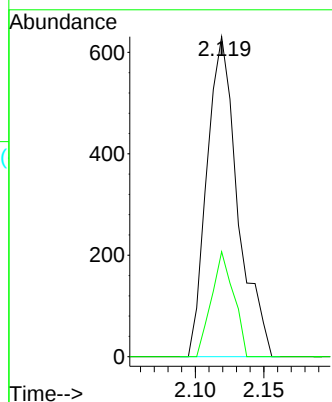
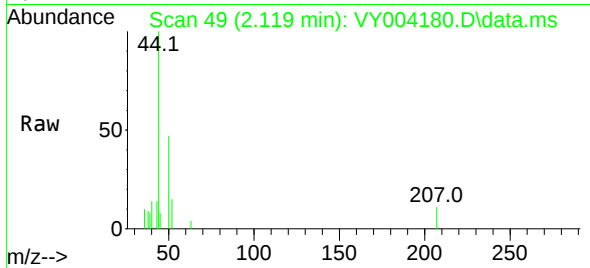




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

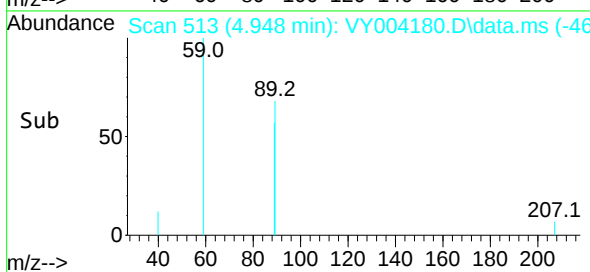
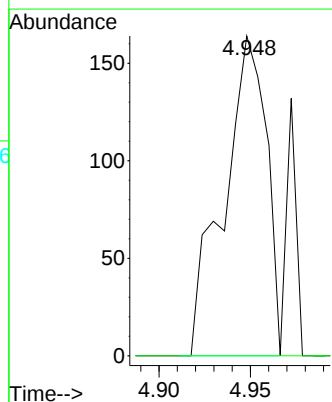
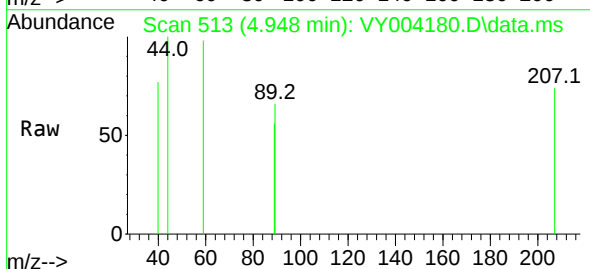
Instrument :
MSVOA_Y
ClientSampled :

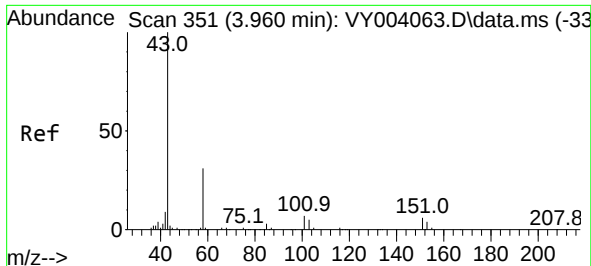
Tgt Ion: 50 Resp: 989
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#11
Tert butyl alcohol
Concen: 1.51 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

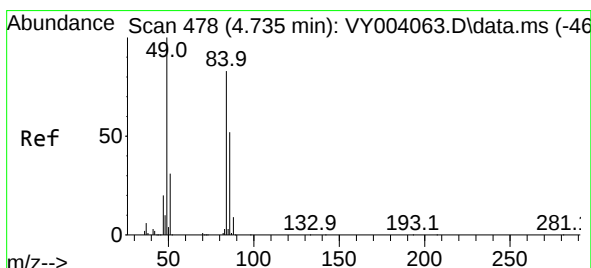
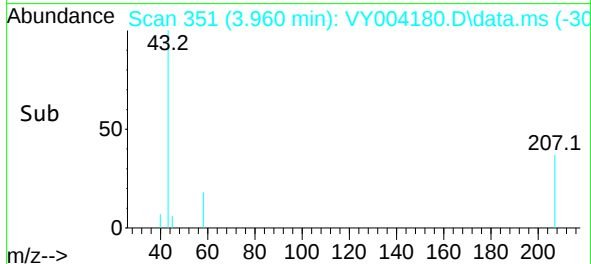
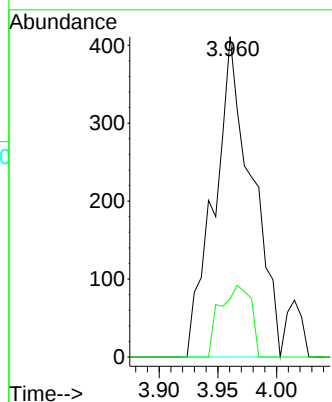
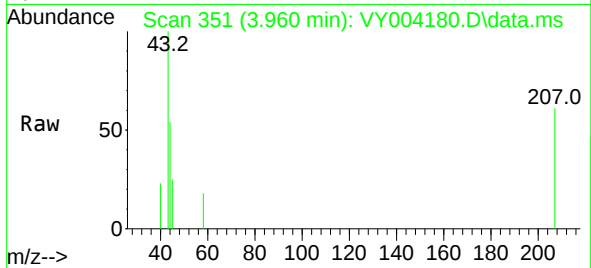




#16
Acetone
Concen: 1.93 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

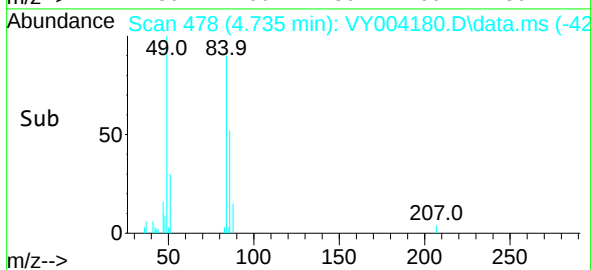
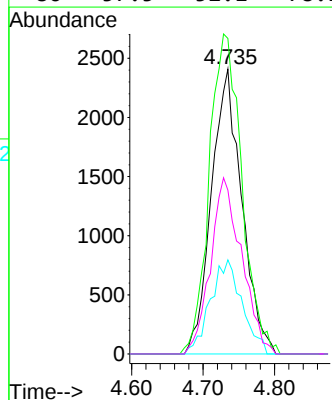
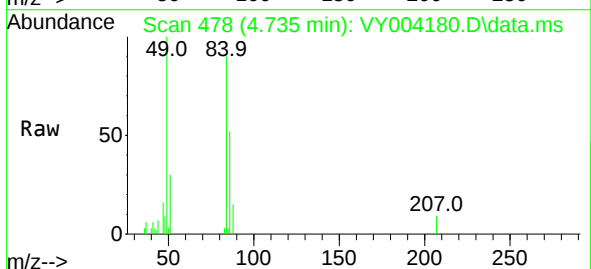
Instrument :
MSVOA_Y
ClientSampled :

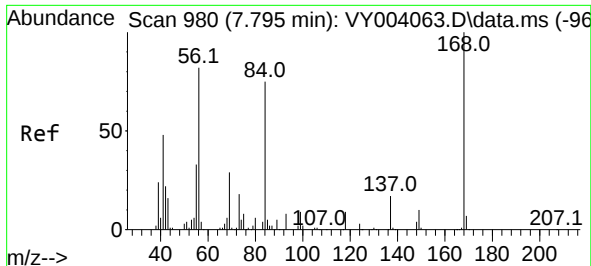
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 18.2 22.6 34.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

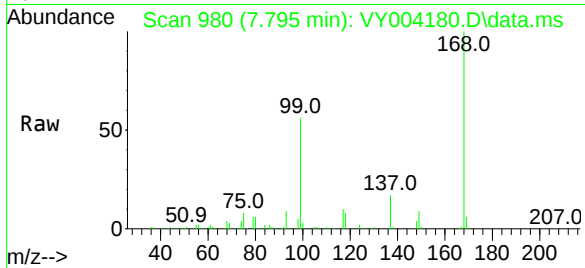
Tgt Ion: 84 Resp: 7110
Ion Ratio Lower Upper
84 100
49 110.8 105.8 158.6
51 33.0 32.6 48.8
86 57.5 52.1 78.1



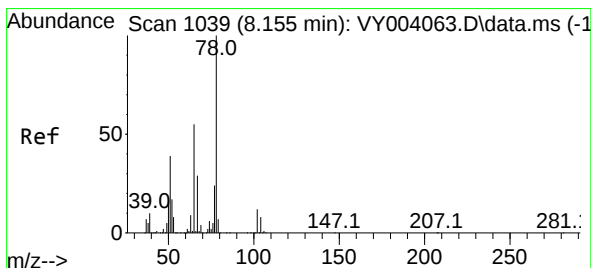
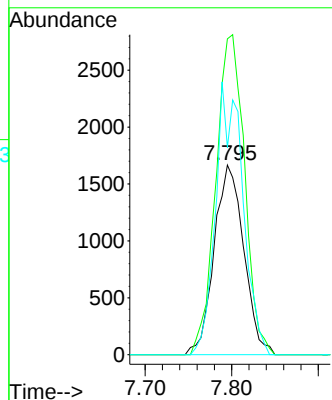
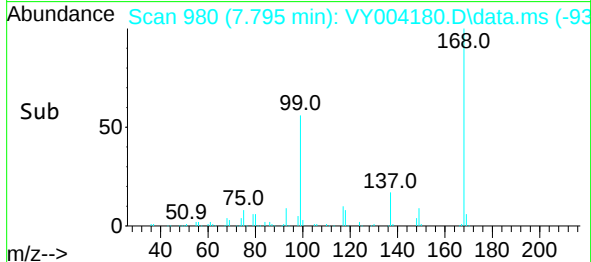


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

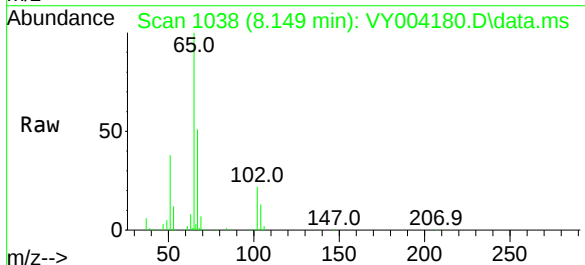
Instrument :
MSVOA_Y
ClientSampled :



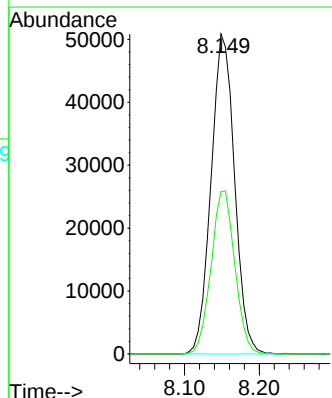
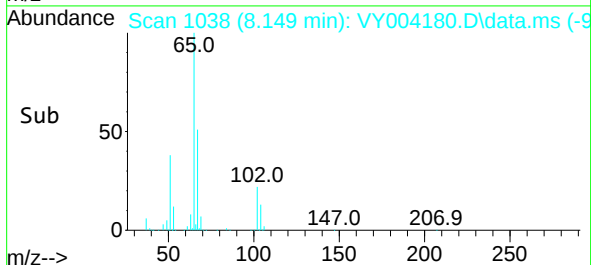
Tgt Ion: 56 Resp: 3961
Ion Ratio Lower Upper
56 100
69 166.6 25.3 37.9#
84 109.2 67.3 100.9#

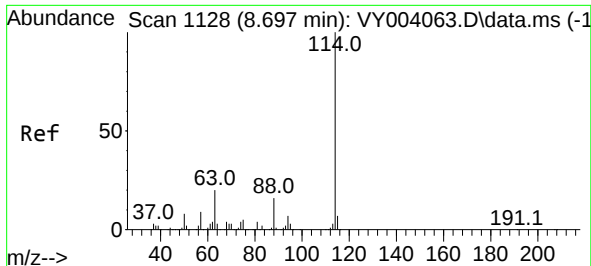


#33
1,2-Dichloroethane-d4
Concen: 56.68 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05



Tgt Ion: 65 Resp: 110966
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

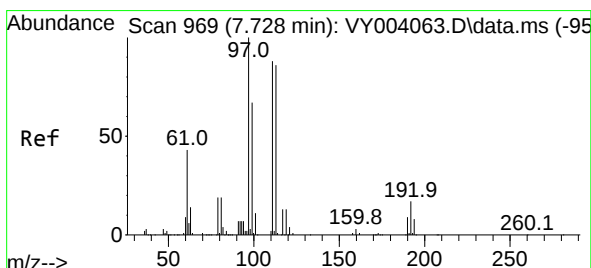
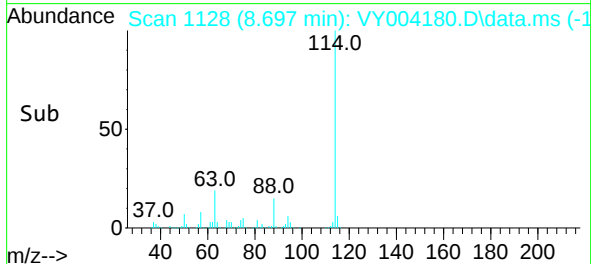
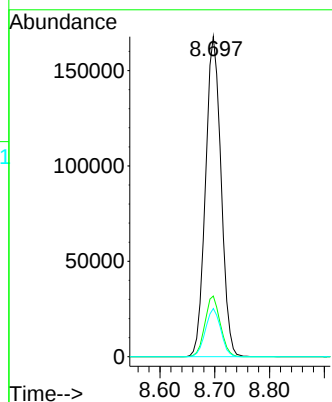
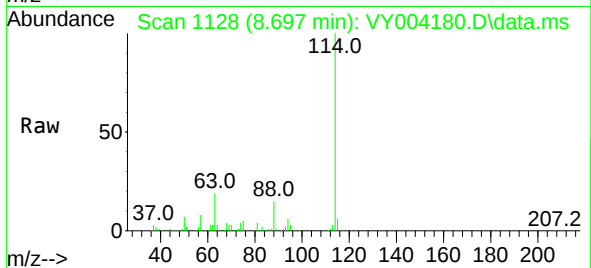




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

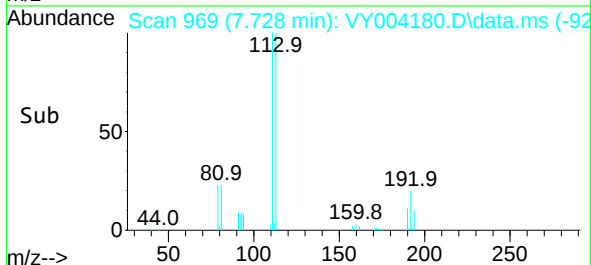
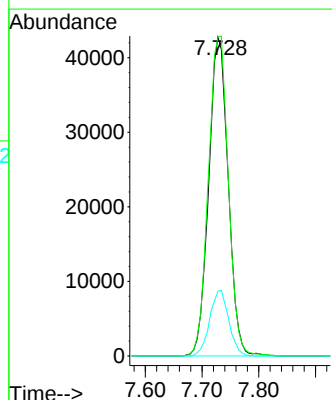
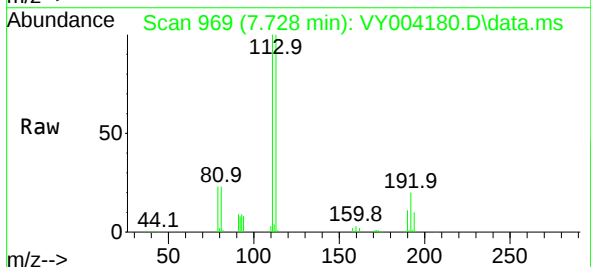
Instrument :
MSVOA_Y
ClientSampled :

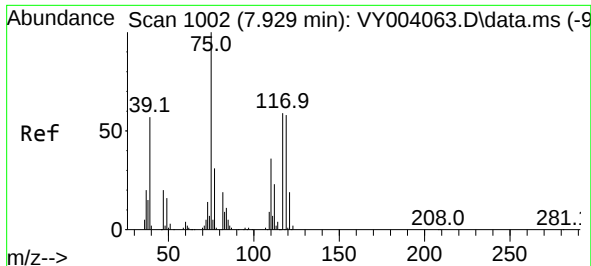
Tgt Ion:114 Resp: 328764
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.07 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

Tgt Ion:113 Resp: 102102
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 20.1 18.5 27.7





#36

1,1-Dichloropropene

Concen: 5.06 ug/l

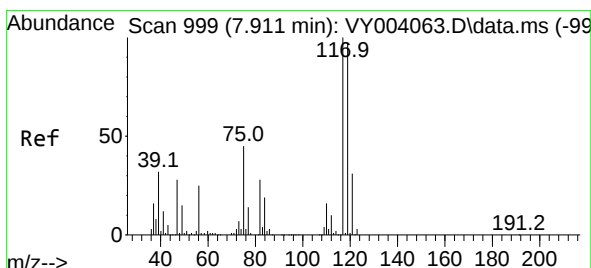
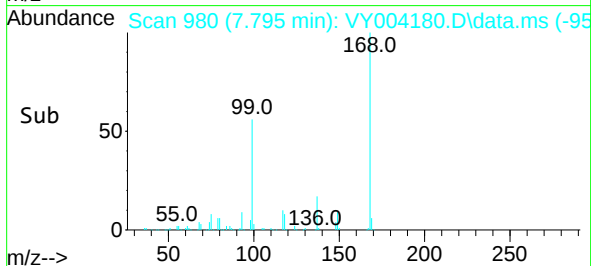
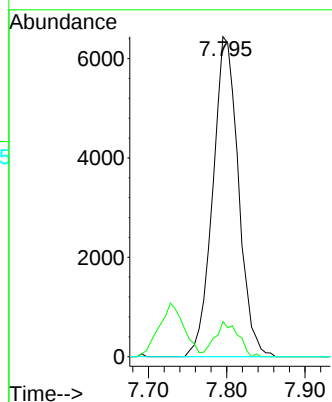
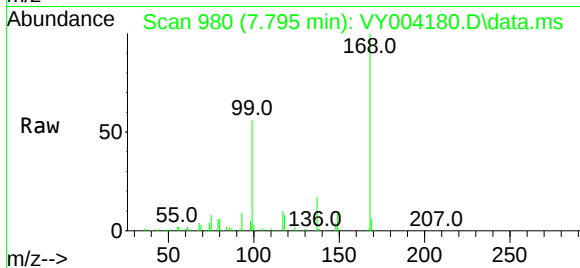
RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY004180.D

Acq: 24 Mar 2021 12:05

Tgt Ion: 75	Resp: 14617
Ion Ratio	Lower Upper
75 100	
110 10.0	17.4 52.3#
77 0.0	24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.44 ug/l

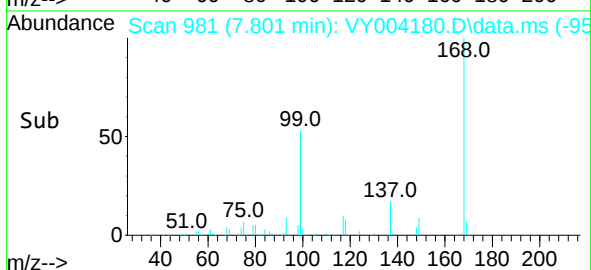
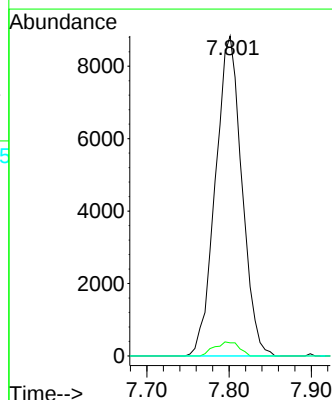
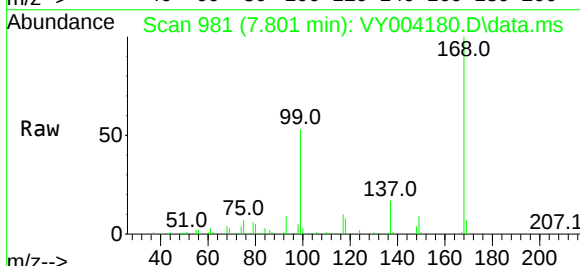
RT: 7.801 min Scan# 981

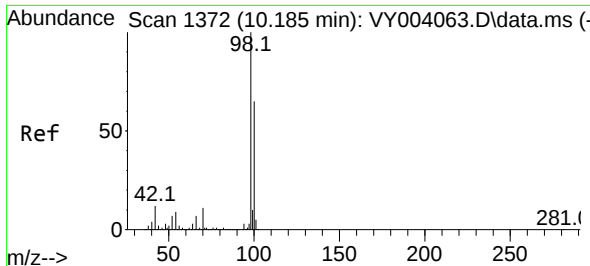
Delta R.T. -0.110 min

Lab File: VY004180.D

Acq: 24 Mar 2021 12:05

Tgt Ion: 117	Resp: 19733
Ion Ratio	Lower Upper
117 100	
119 4.1	75.4 113.0#
121 0.0	24.2 36.2#

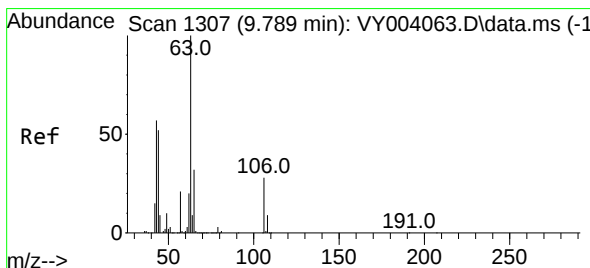
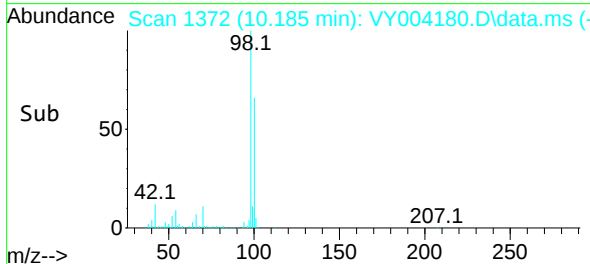
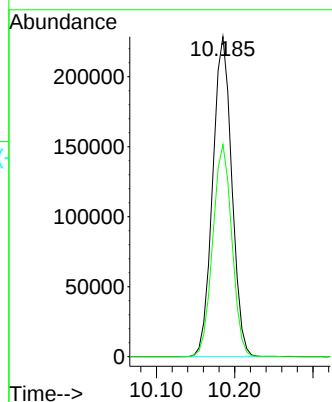
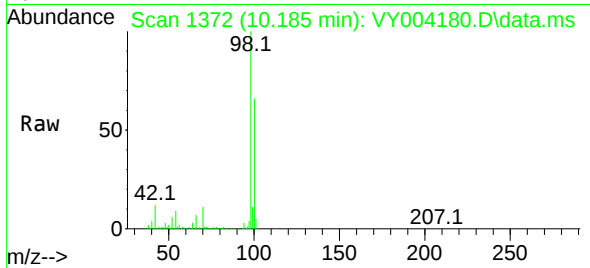




#50
Toluene-d8
Concen: 53.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

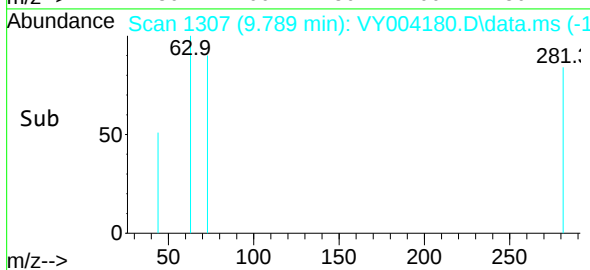
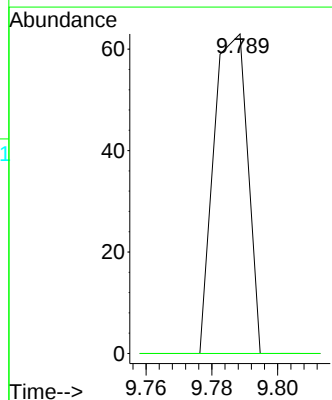
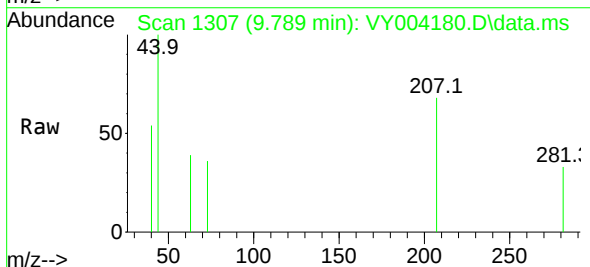
Instrument :
MSVOA_Y
ClientSampled :

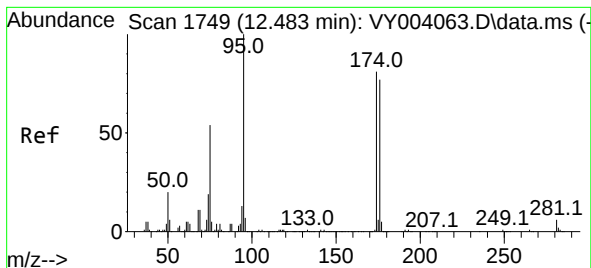
Tgt Ion: 98 Resp: 387175
Ion Ratio Lower Upper
98 100
100 66.2 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

Tgt Ion: 63 Resp: 45
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#

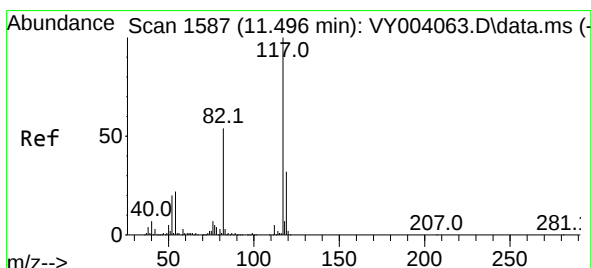
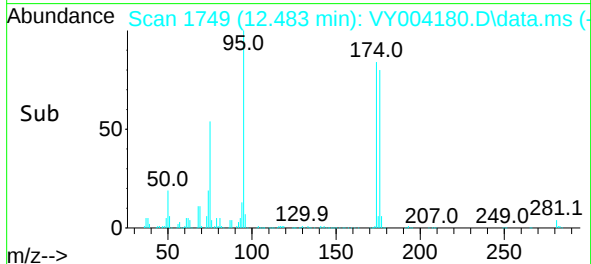
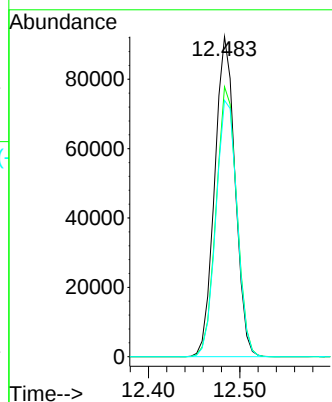
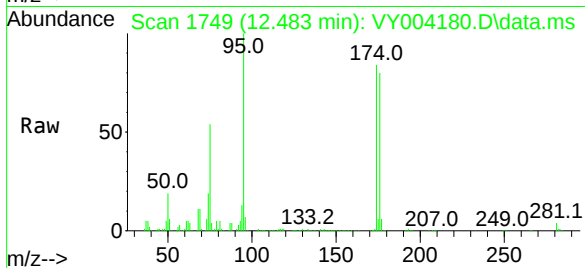




#62
4-Bromofluorobenzene
Concen: 53.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

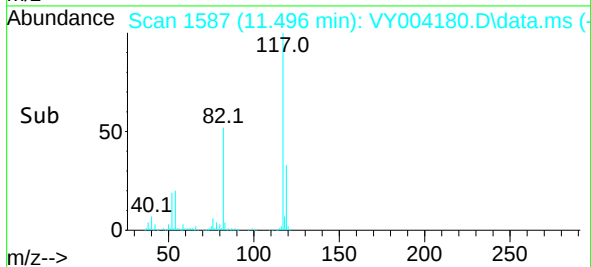
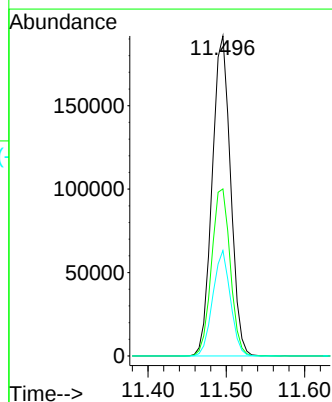
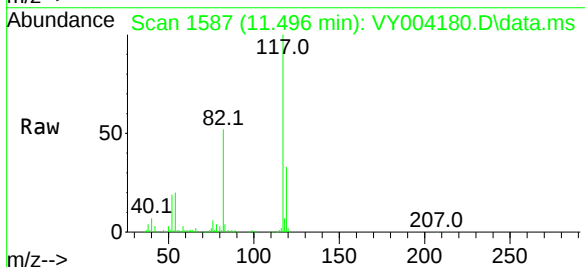
Instrument :
MSVOA_Y
ClientSampled :

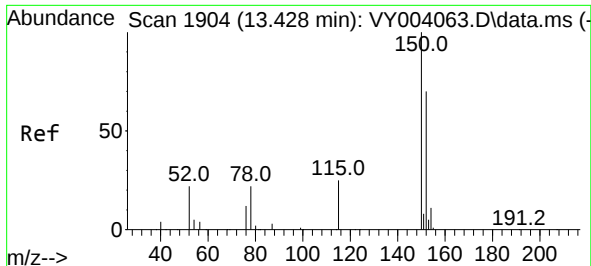
Tgt Ion: 95 Resp: 143322
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

Tgt Ion: 117 Resp: 312384
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.6
119 33.0 26.2 39.2

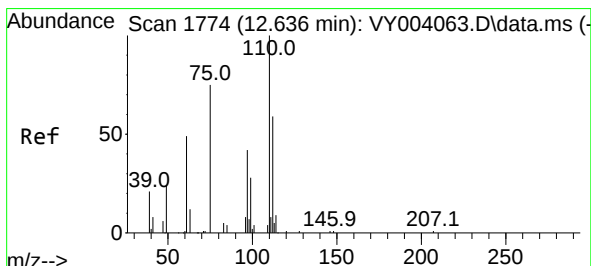
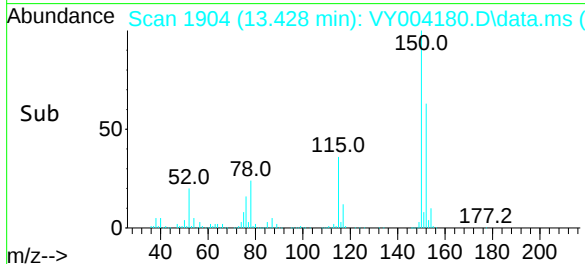
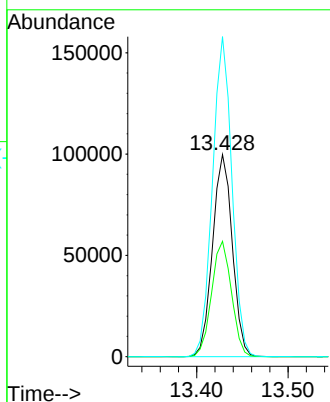
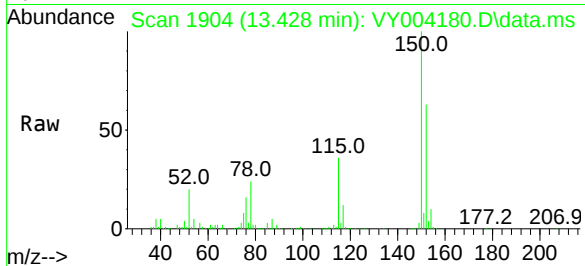




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

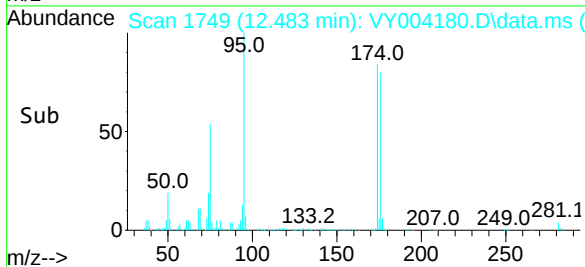
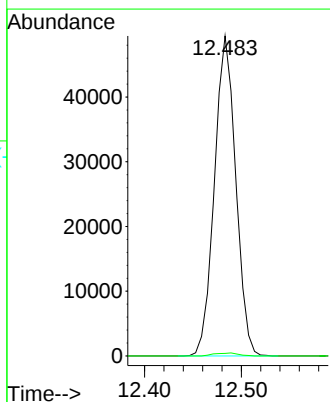
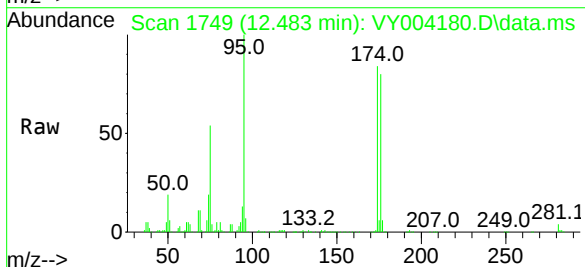
Instrument :
MSVOA_Y
ClientSampled :

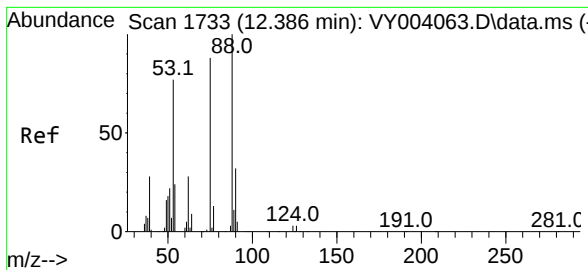
Tgt Ion:152 Resp: 150051
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.6
150 155.6 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 52.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004180.D
Acq: 24 Mar 2021 12:05

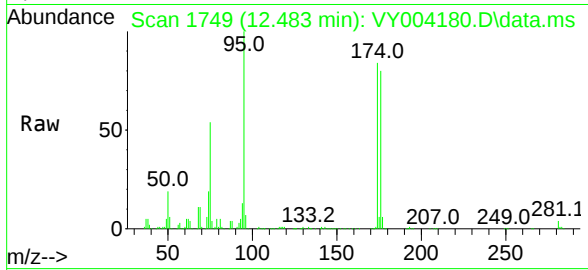
Tgt Ion: 75 Resp: 75685
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.82 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004180.D
 Acq: 24 Mar 2021 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 75685
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.7 53.5#

