

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004071.D
 Acq On : 11 Mar 2021 12:31
 Operator : SY/MD
 Sample : VY0311SBL05
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 12 01:17:23 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	224993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	392355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	376315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187988	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126692	57.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.12%
35) Dibromofluoromethane	7.728	113	123104	55.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.28%
50) Toluene-d8	10.185	98	473782	54.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.24%
62) 4-Bromofluorobenzene	12.483	95	175135	54.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.34%

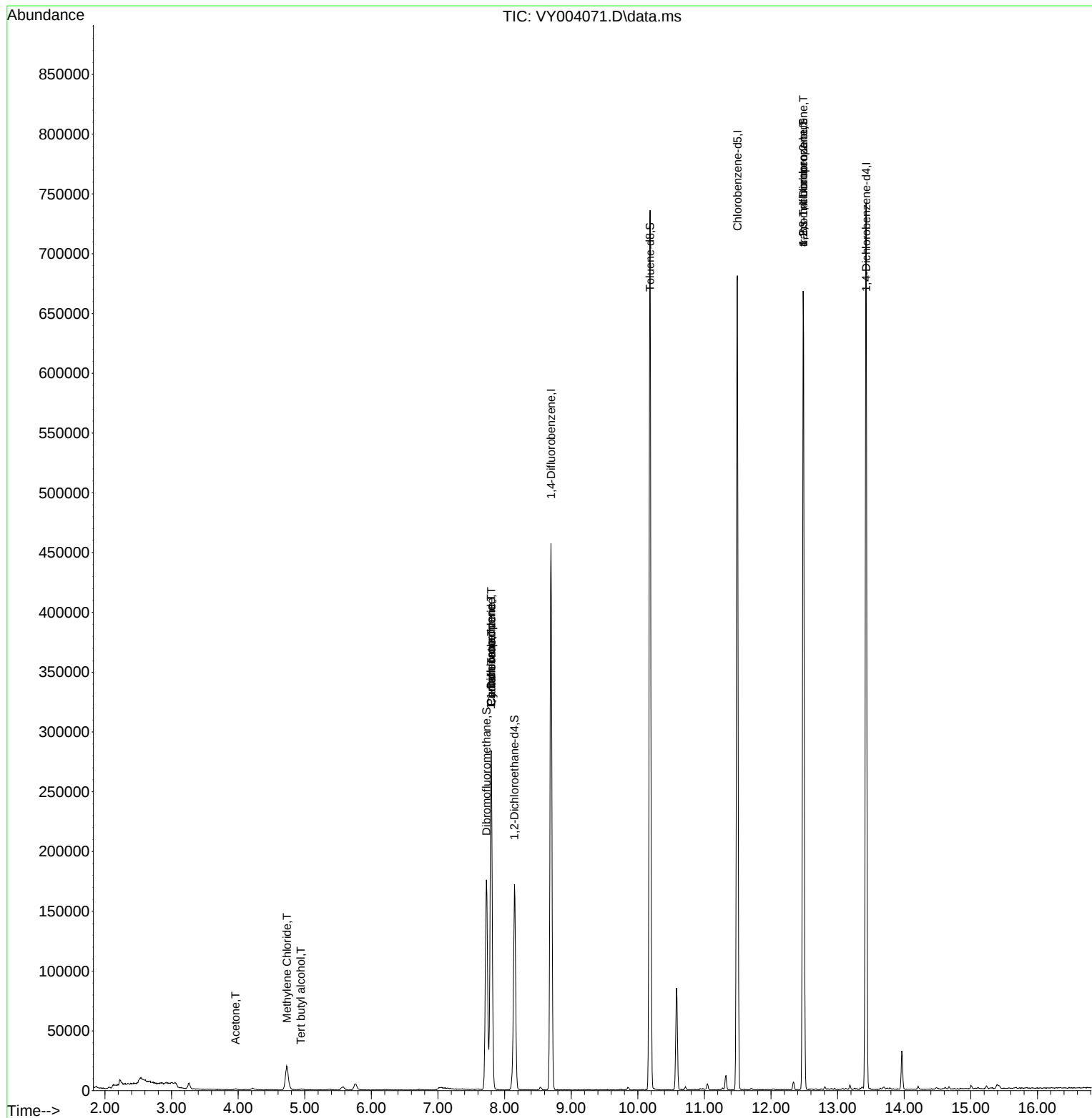
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.912	85	161	Below Cal	#	41
3) Chloromethane	2.119	50	891	Below Cal		95
11) Tert butyl alcohol	4.942	59	490	2.44	ug/l #	76
16) Acetone	3.960	43	1372	2.56	ug/l	96
20) Methylene Chloride	4.735	84	14539	1.92	ug/l	90
31) Cyclohexane	7.801	56	4523	1.16	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	16551	4.80	ug/l #	51
38) Carbon Tetrachloride	7.801	117	21761	5.95	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	92502	51.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	92502	101.28	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

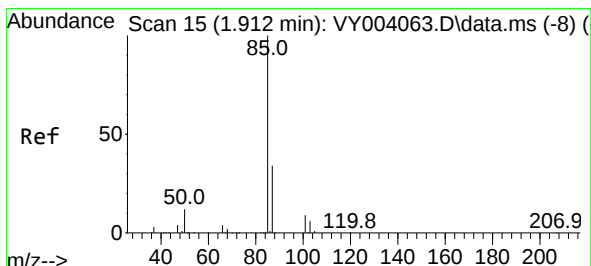
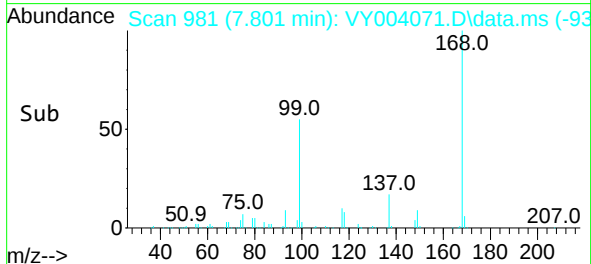
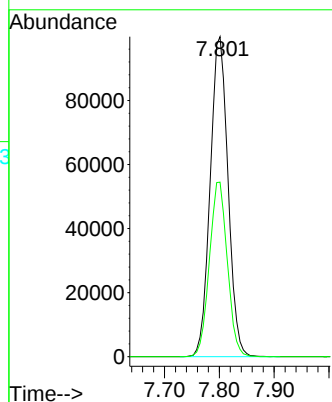
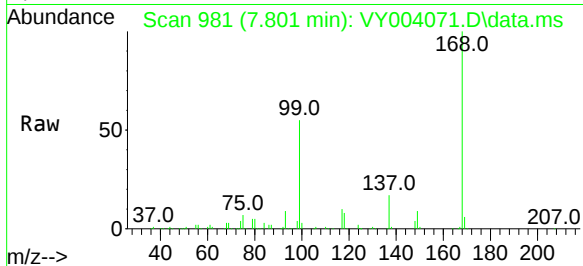




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

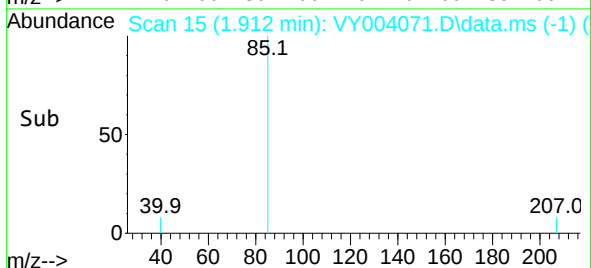
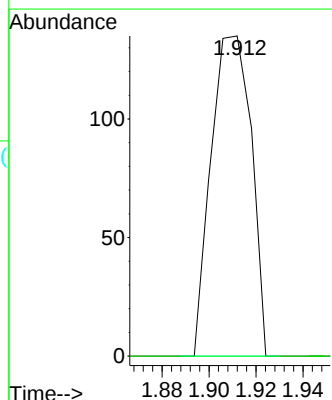
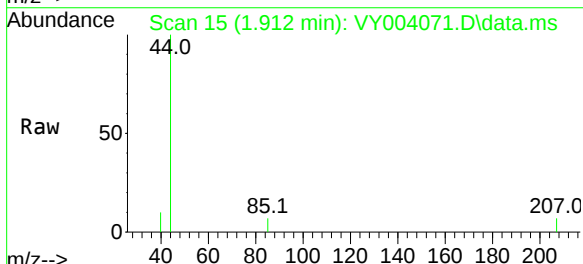
Instrument :
MSVOA_Y
ClientSampleId :

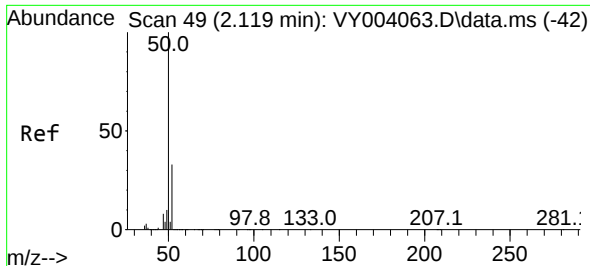
Tgt Ion:168 Resp: 224993
Ion Ratio Lower Upper
168 100
99 54.6 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Tgt Ion: 85 Resp: 161
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

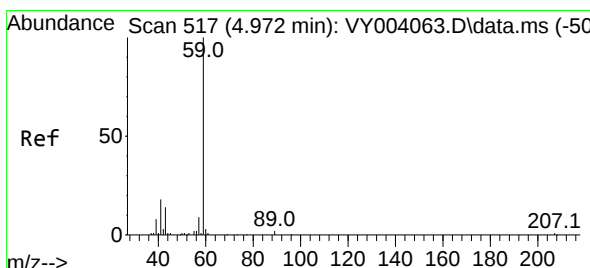
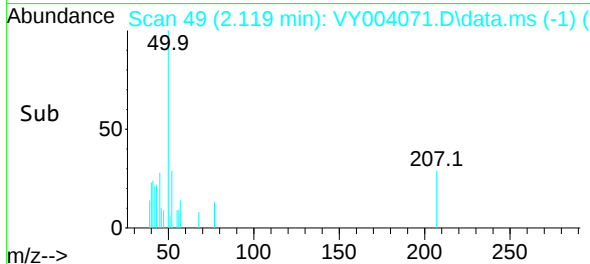
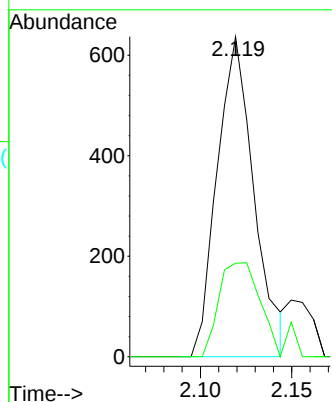
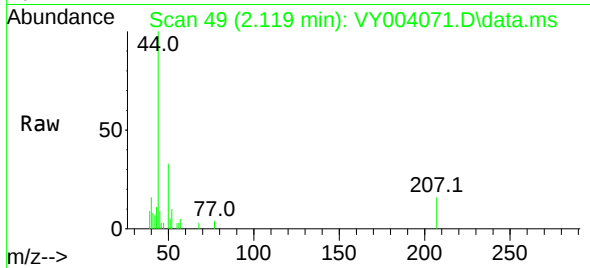




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

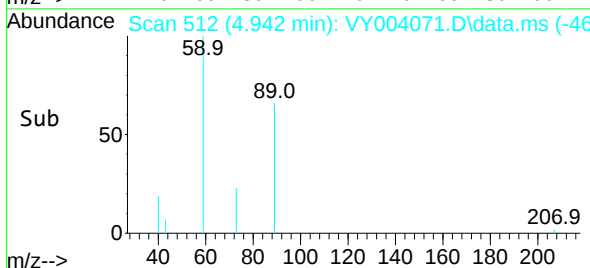
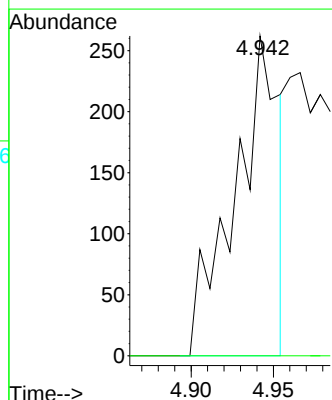
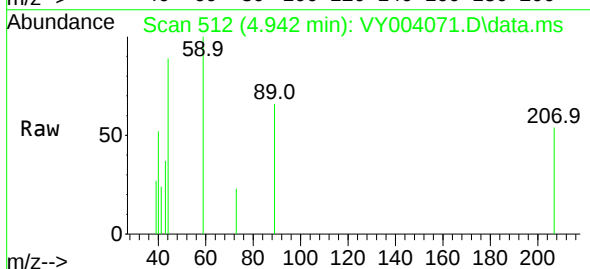
Instrument :
MSVOA_Y
ClientSampled :

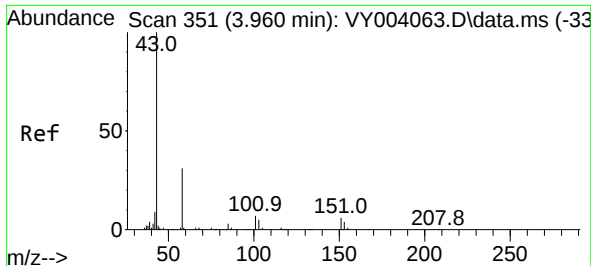
Tgt Ion: 50 Resp: 891
Ion Ratio Lower Upper
50 100
52 29.2 25.4 38.2



#11
Tert butyl alcohol
Concen: 2.44 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

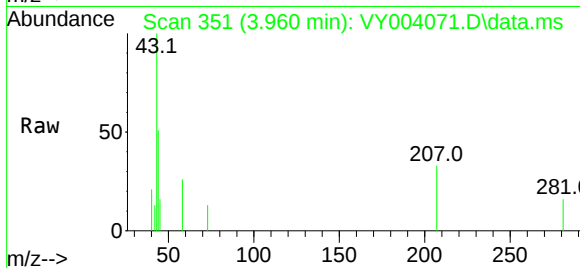
Tgt Ion: 59 Resp: 490
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



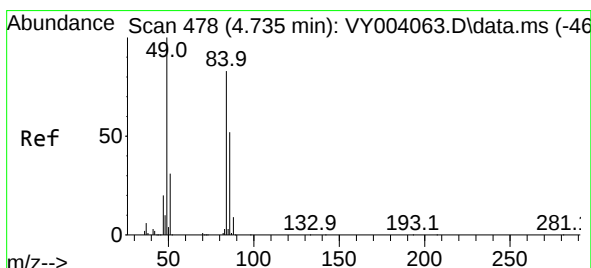
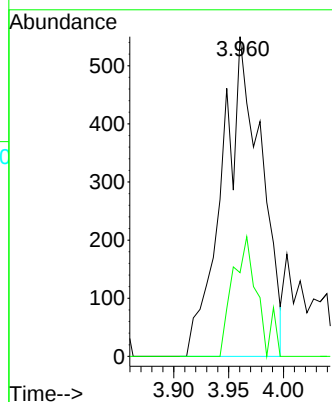
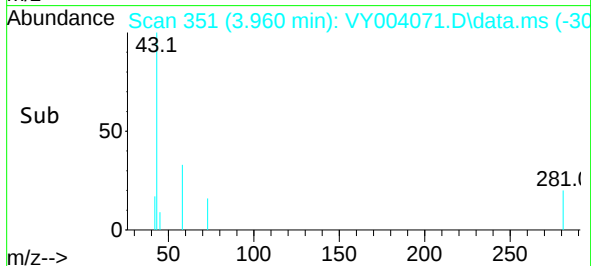


#16
Acetone
Concen: 2.56 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

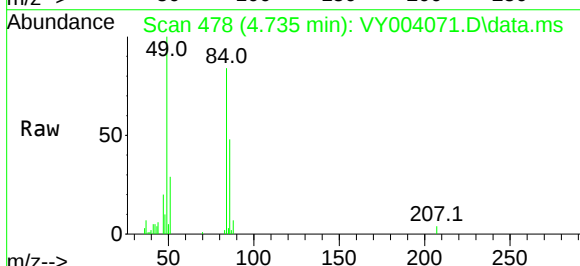
Instrument :
MSVOA_Y
ClientSampled :



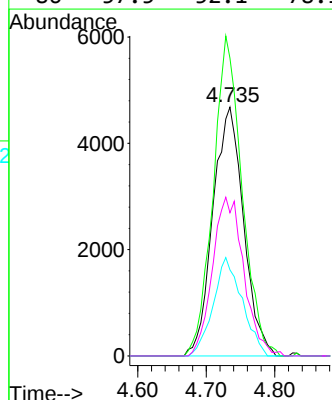
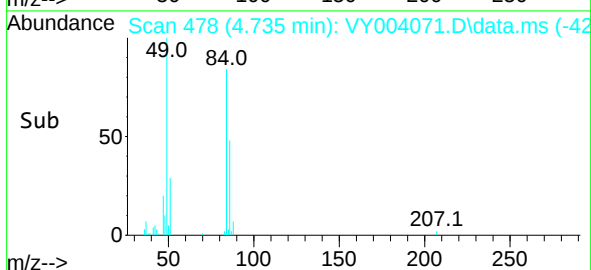
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 26.2 22.6 34.0

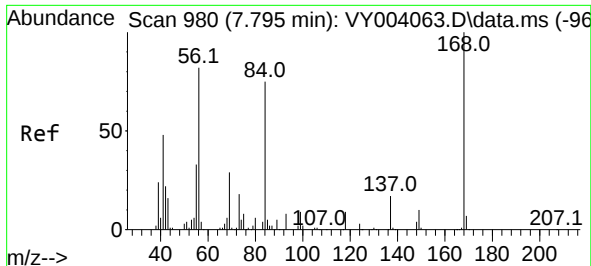


#20
Methylene Chloride
Concen: 1.92 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31



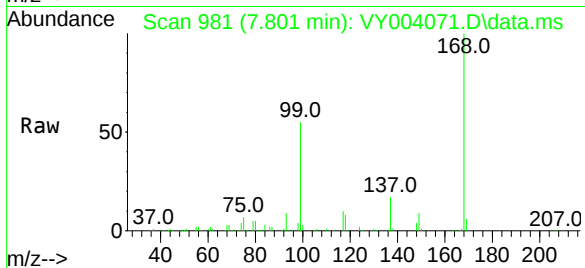
Tgt Ion: 84 Resp: 14539
Ion Ratio Lower Upper
84 100
49 119.7 105.8 158.6
51 34.6 32.6 48.8
86 57.5 52.1 78.1



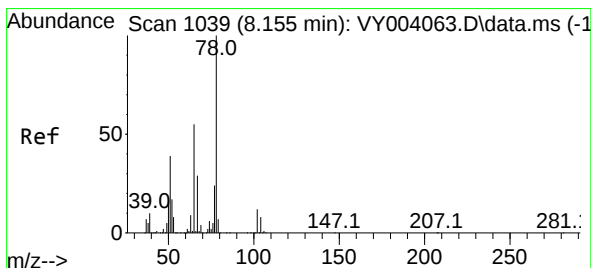
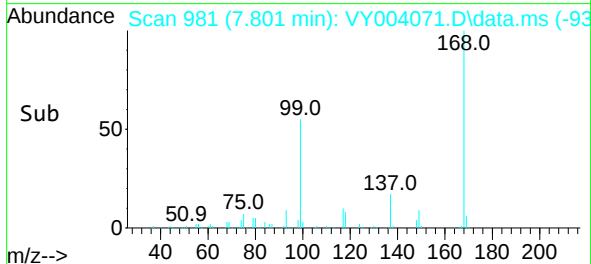
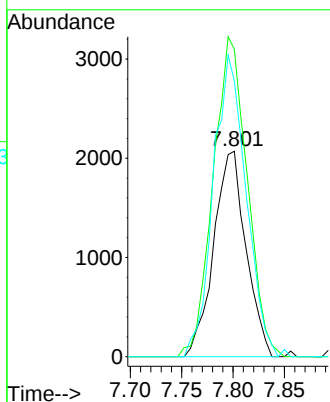


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Instrument :
MSVOA_Y
ClientSampled :

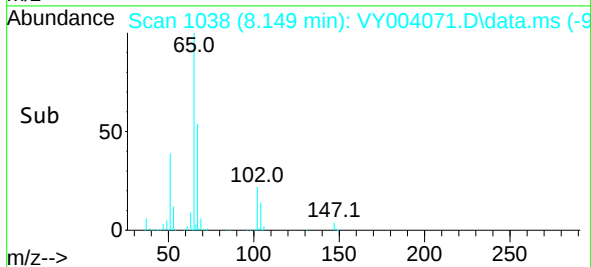
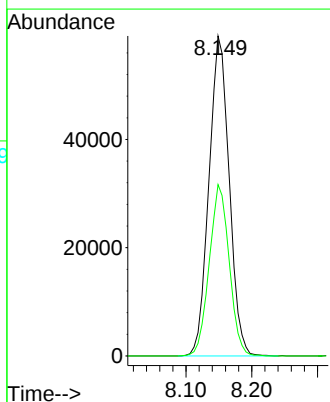
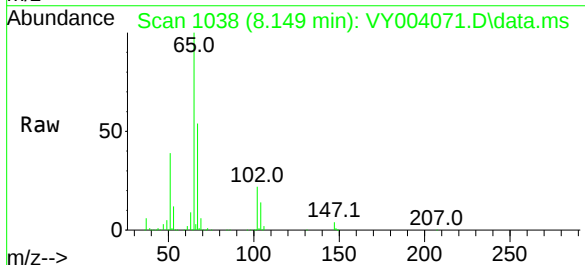


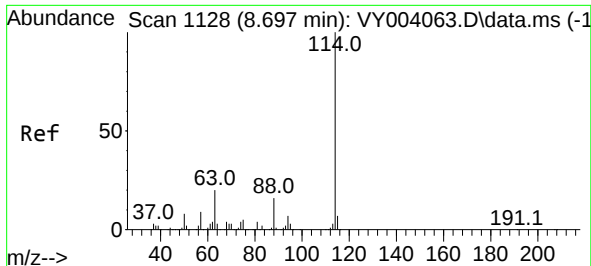
Tgt Ion: 56 Resp: 4523
Ion Ratio Lower Upper
56 100
69 149.8 25.3 37.9#
84 134.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 57.06 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Tgt Ion: 65 Resp: 126692
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4

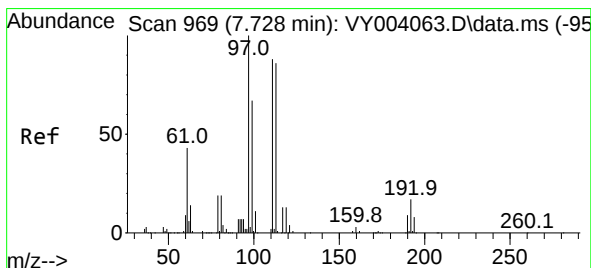
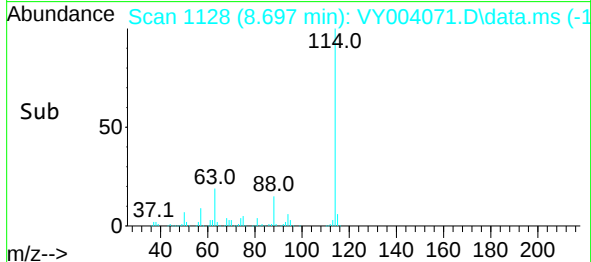
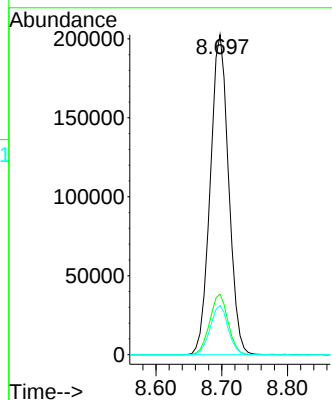
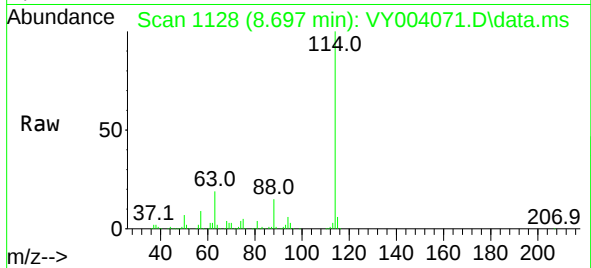




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

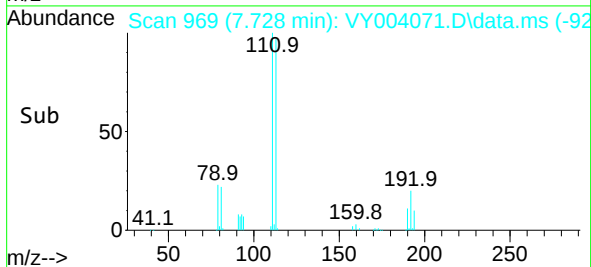
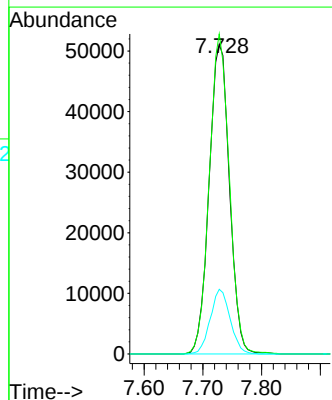
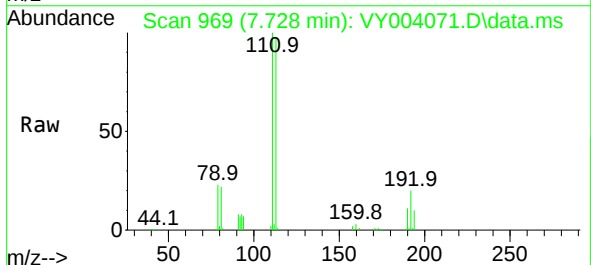
Instrument :
MSVOA_Y
ClientSampleId :

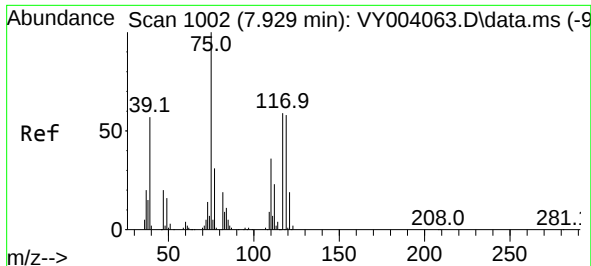
Tgt Ion:114 Resp: 392355
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.64 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Tgt Ion:113 Resp: 123104
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 20.4 18.5 27.7

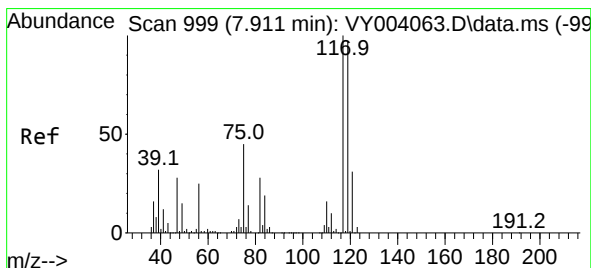
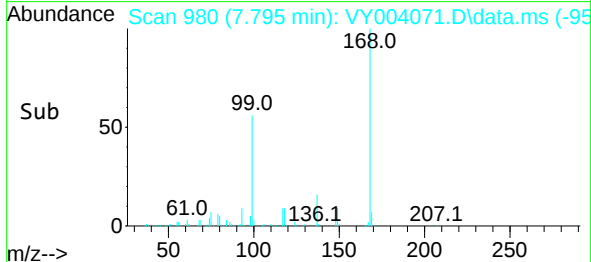
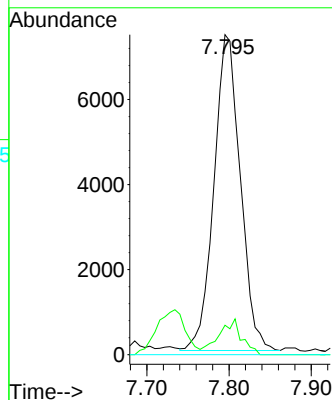
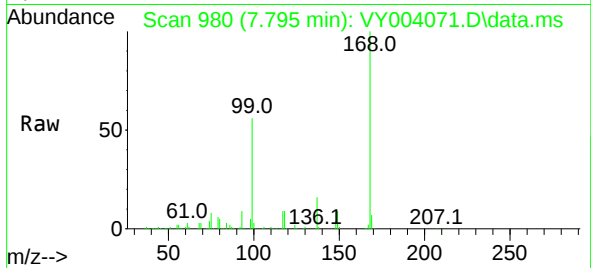




#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

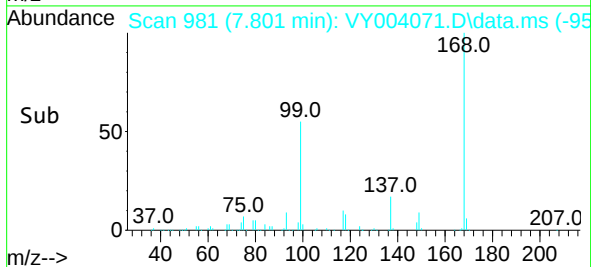
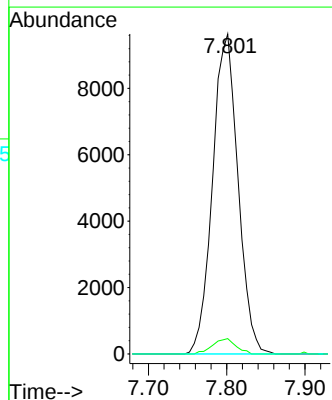
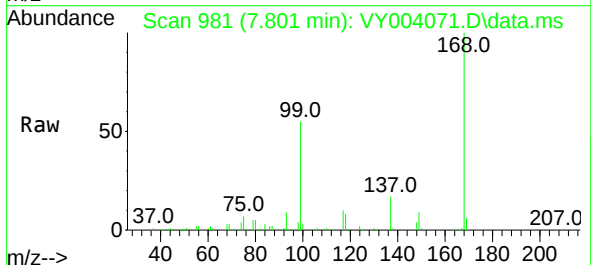
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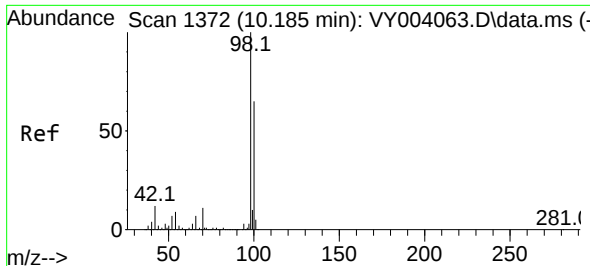
Tgt Ion: 75 Resp: 16551
Ion Ratio Lower Upper
75 100
110 9.8 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.95 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Tgt Ion: 117 Resp: 21761
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 24.2 36.2#

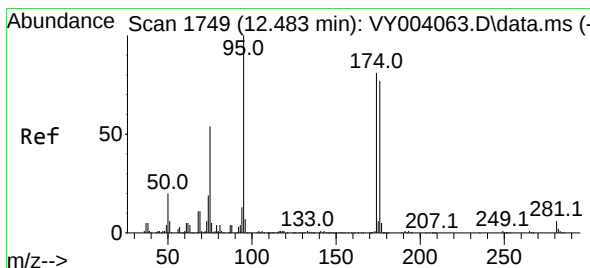
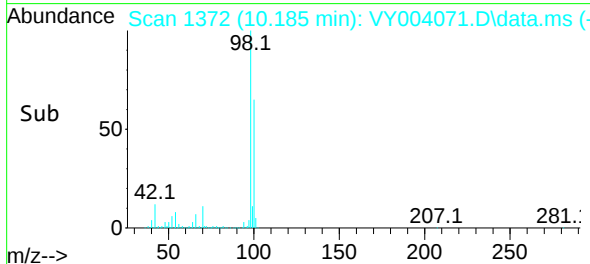
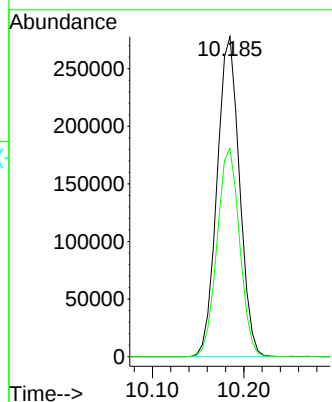
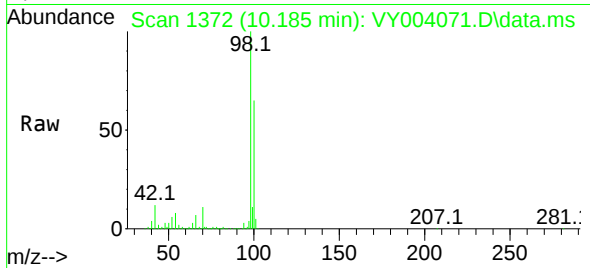




#50
Toluene-d8
Concen: 54.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

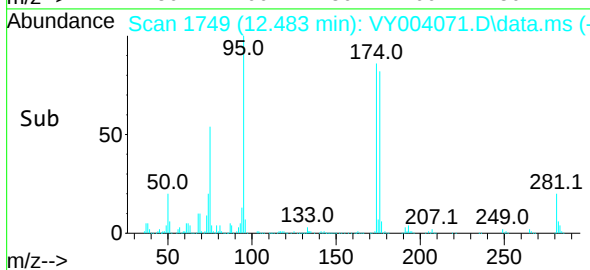
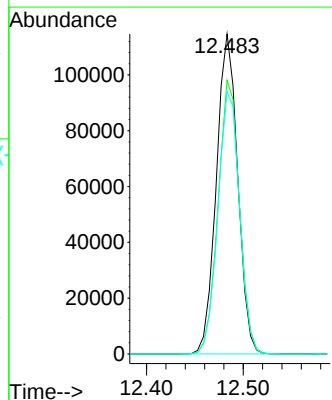
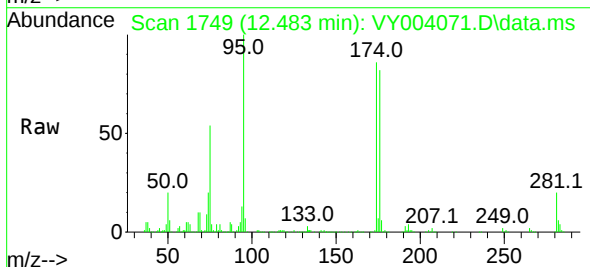
Instrument :
MSVOA_Y
ClientSampled :

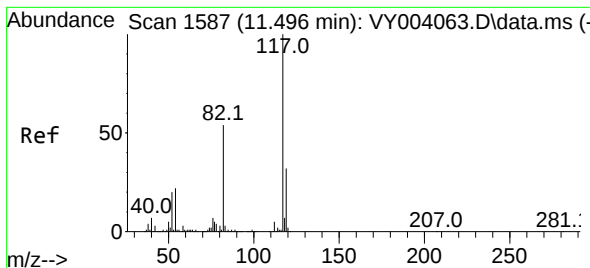
Tgt Ion: 98 Resp: 473782
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Tgt Ion: 95 Resp: 175135
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 83.2 0.0 174.4

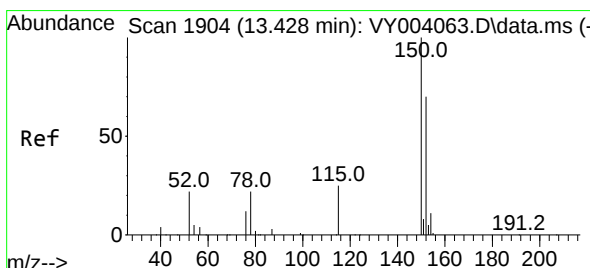
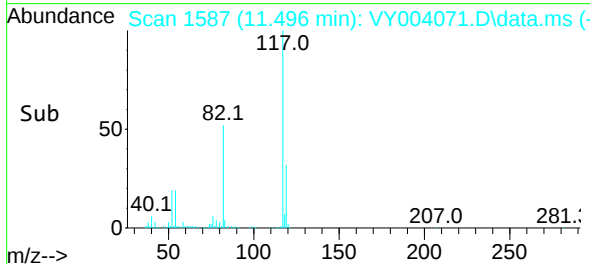
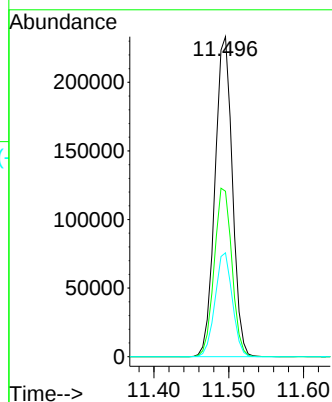
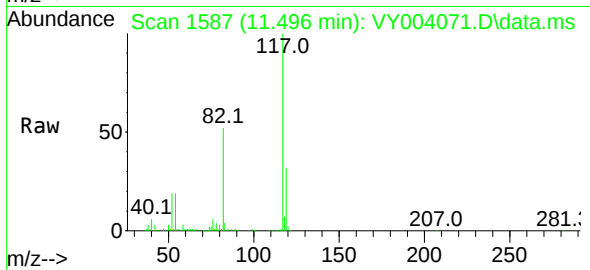




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

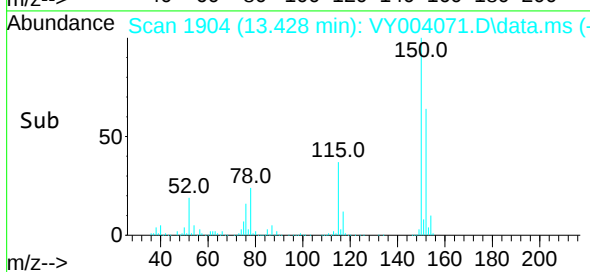
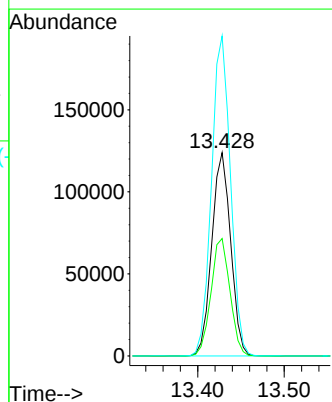
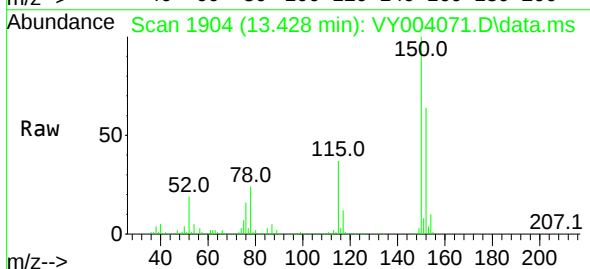
Instrument :
MSVOA_Y
ClientSampleId :

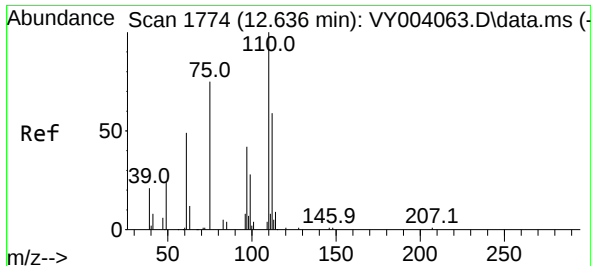
Tgt Ion:117 Resp: 376315
Ion Ratio Lower Upper
117 100
82 51.7 43.8 65.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Tgt Ion:152 Resp: 187988
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.6
150 157.8 0.0 347.2

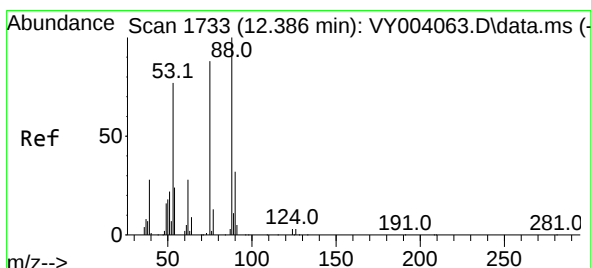
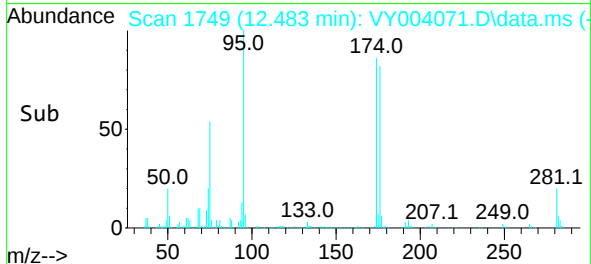
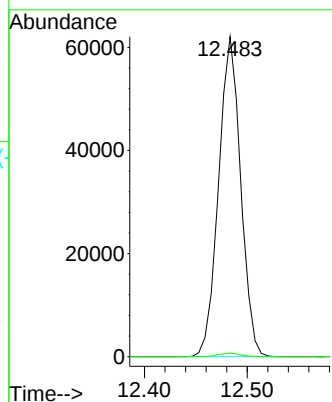
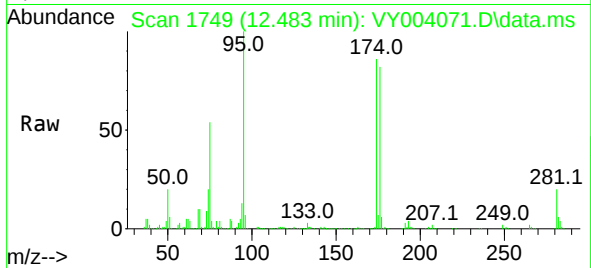




#76
1,2,3-Trichloropropane
Concen: 51.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 92502
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004071.D
Acq: 11 Mar 2021 12:31

Tgt Ion: 75 Resp: 92502
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.5 35.7 53.5#

