

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004113.D
 Acq On : 18 Mar 2021 11:11
 Operator : SY/MD
 Sample : VY0318SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 19 01:41:04 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	202072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	349084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	329666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110779	55.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.10%
35) Dibromofluoromethane	7.728	113	106939	54.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.64%
50) Toluene-d8	10.185	98	414147	53.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.32%
62) 4-Bromofluorobenzene	12.483	95	149485	52.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.90%

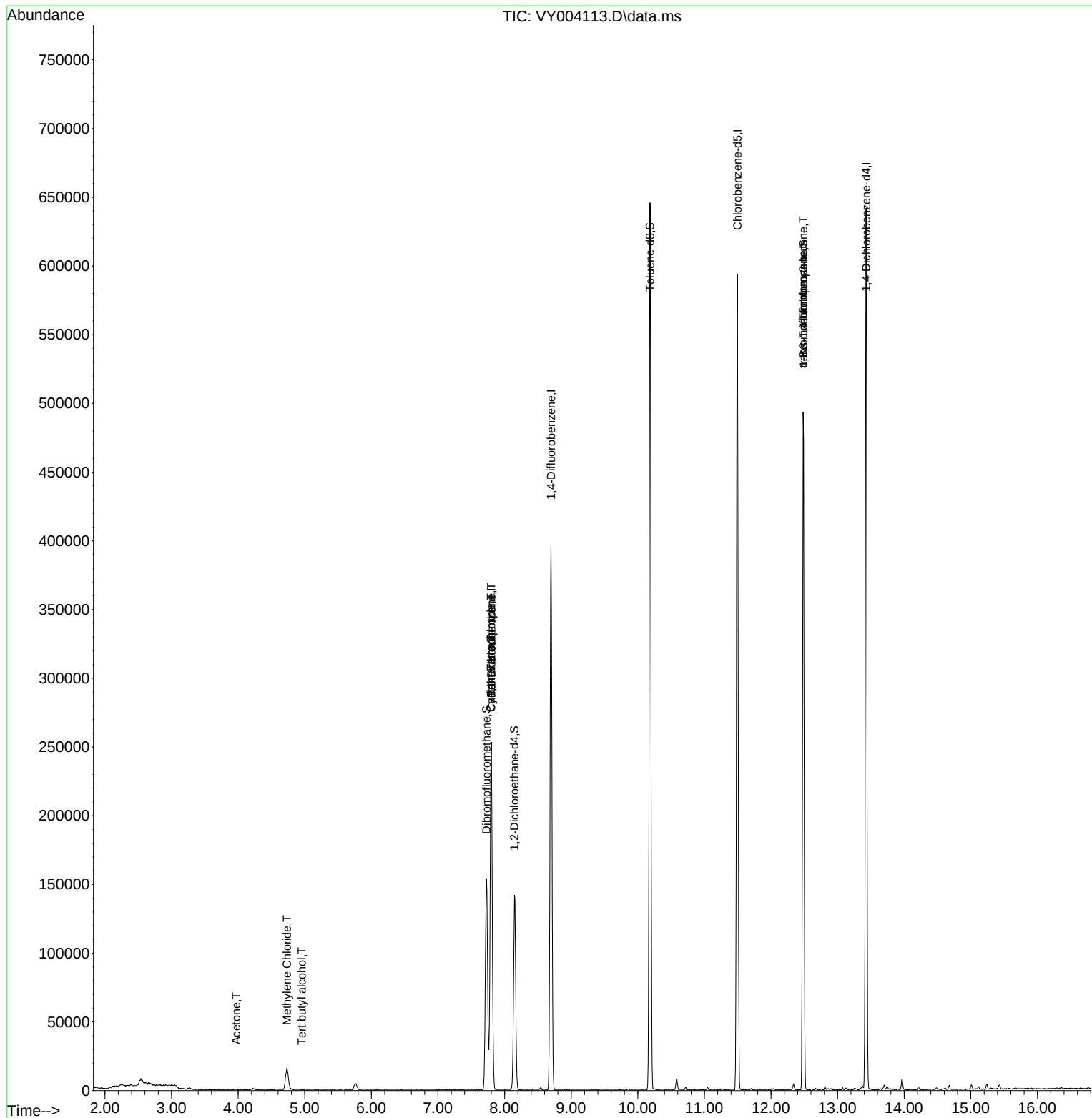
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.912	85	162	Below Cal	# 41
3) Chloromethane	2.119	50	532	Below Cal	# 94
11) Tert butyl alcohol	4.954	59	380	2.11 ug/l	# 76
16) Acetone	3.973	43	1014	2.11 ug/l	# 81
20) Methylene Chloride	4.735	84	12171	1.41 ug/l	# 85
31) Cyclohexane	7.795	56	4084	1.17 ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	14718	4.80 ug/l	# 51
38) Carbon Tetrachloride	7.795	117	19663	6.04 ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	79316	51.21 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	79316	101.06 ug/l	# 13

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

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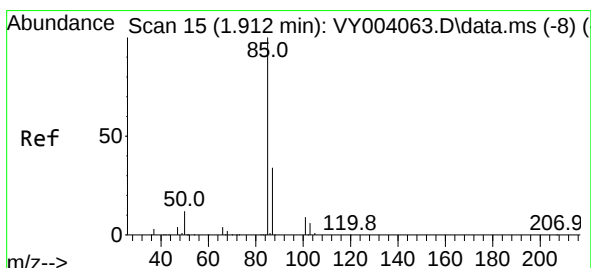
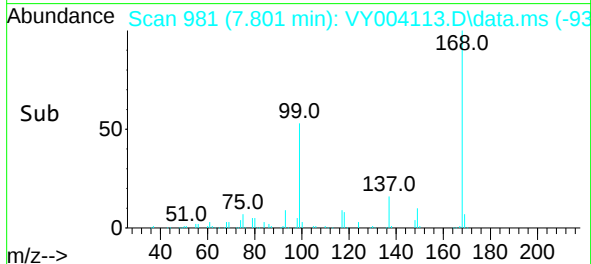
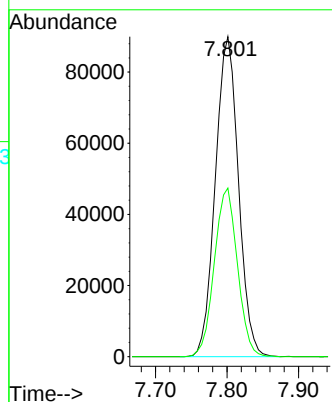
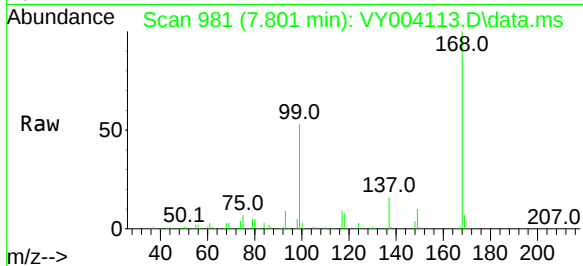




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

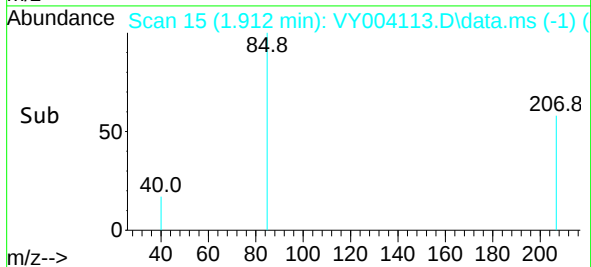
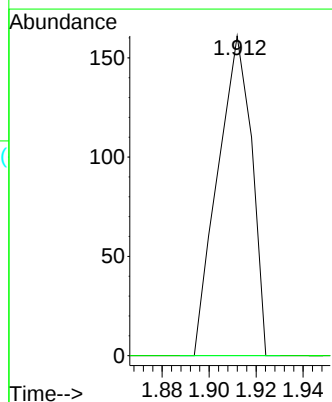
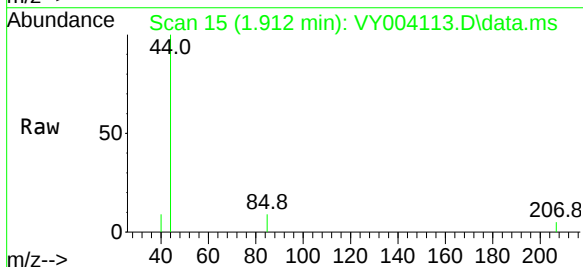
Instrument :
MSVOA_Y
ClientSampleId :

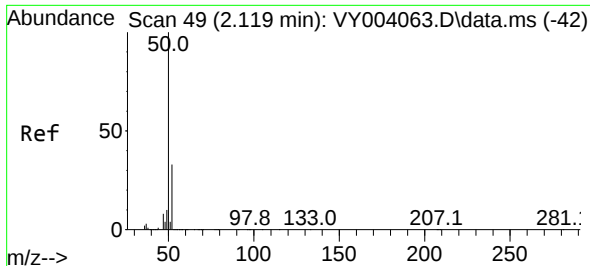
Tgt Ion:168 Resp: 202072
Ion Ratio Lower Upper
168 100
99 52.7 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Tgt Ion: 85 Resp: 162
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

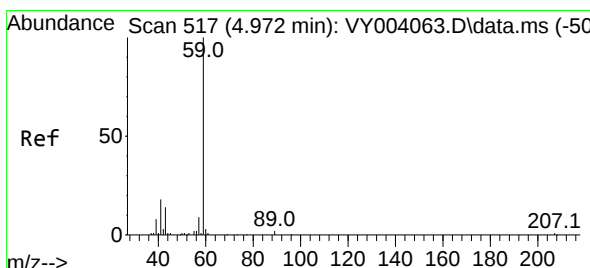
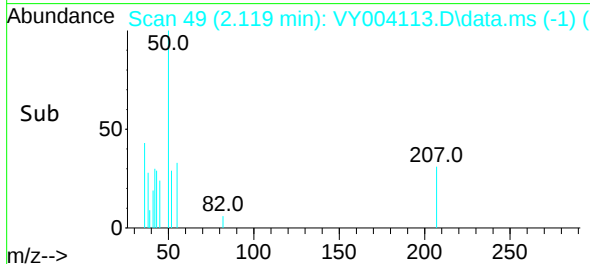
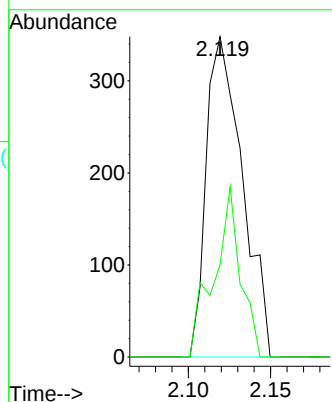
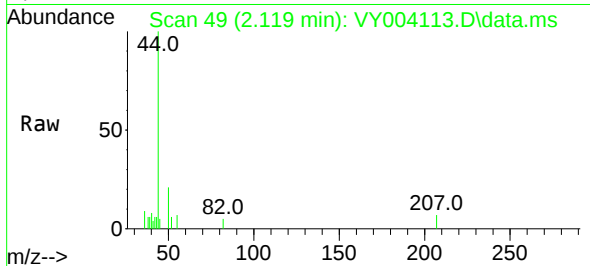




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

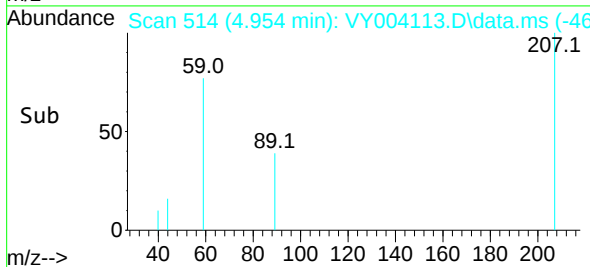
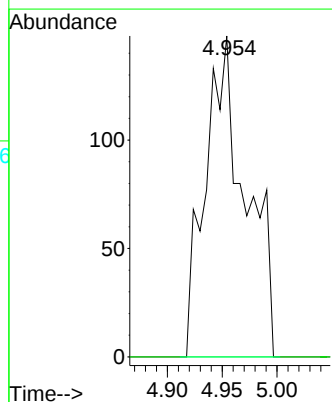
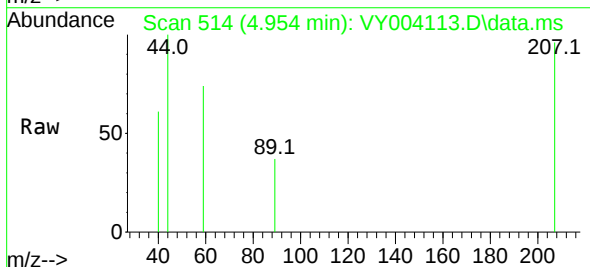
Instrument :
MSVOA_Y
ClientSampleId :

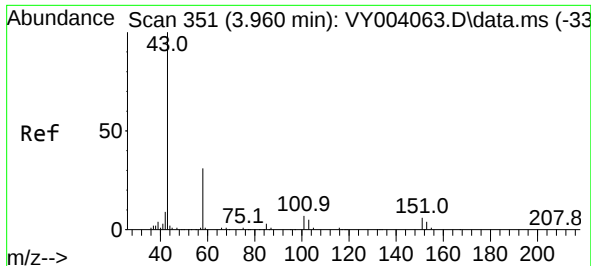
Tgt Ion: 50 Resp: 532
Ion Ratio Lower Upper
50 100
52 28.7 25.4 38.2



#11
Tert butyl alcohol
Concen: 2.11 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

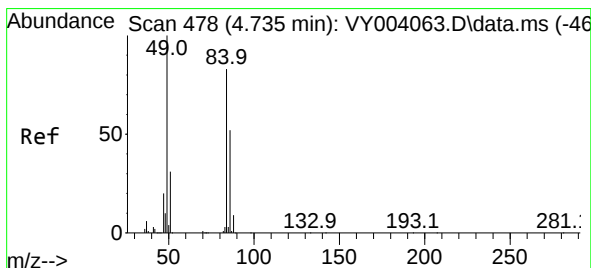
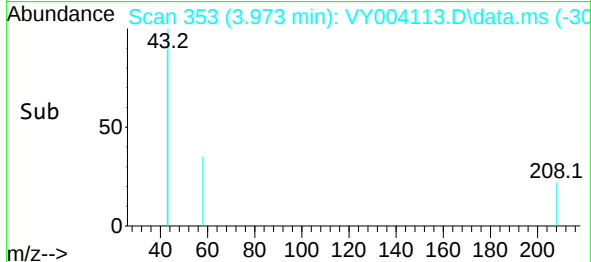
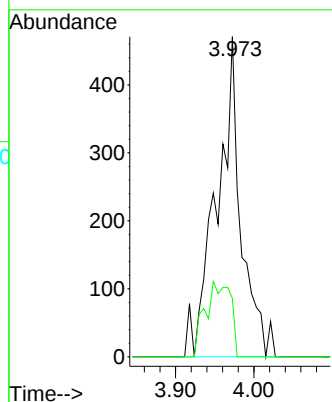
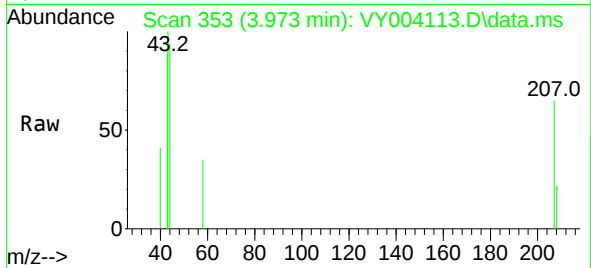




#16
Acetone
Concen: 2.11 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

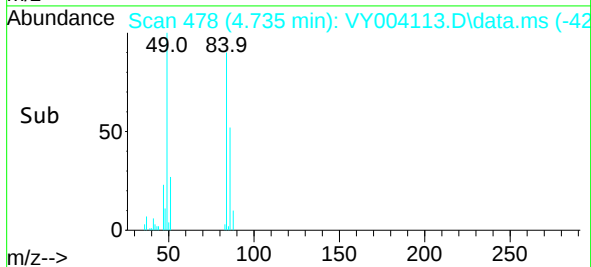
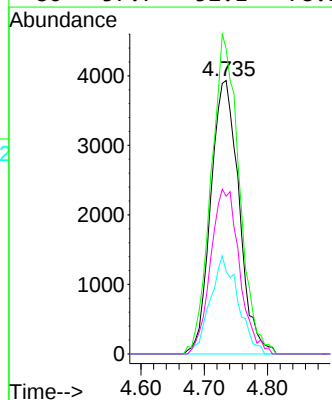
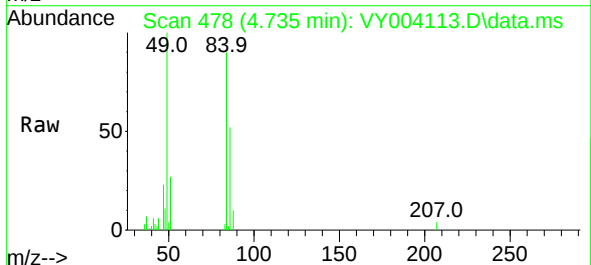
Instrument :
MSVOA_Y
ClientSampled :

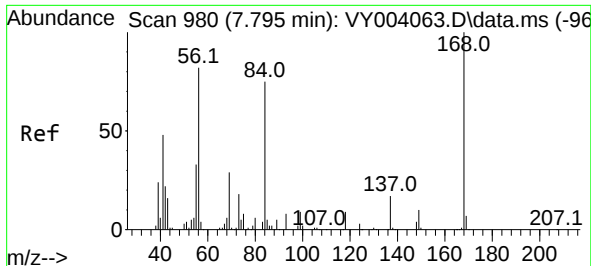
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 18.3 22.6 34.0#



#20
Methylene Chloride
Concen: 1.41 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

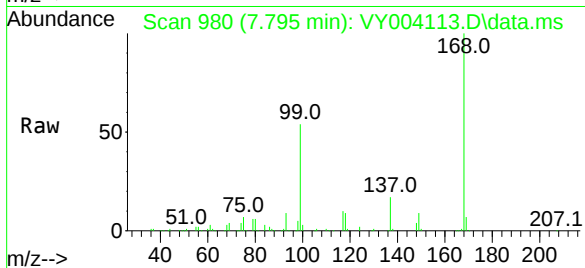
Tgt Ion: 84 Resp: 12171
Ion Ratio Lower Upper
84 100
49 111.6 105.8 158.6
51 30.2 32.6 48.8#
86 57.7 52.1 78.1



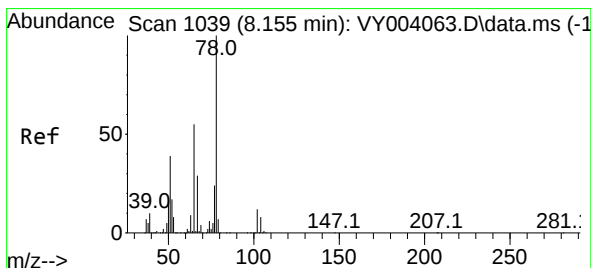
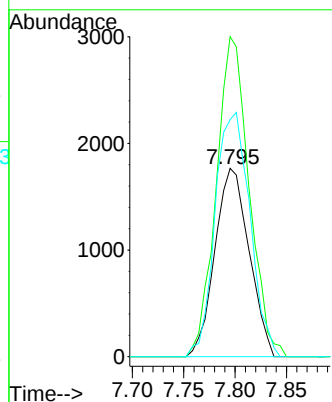
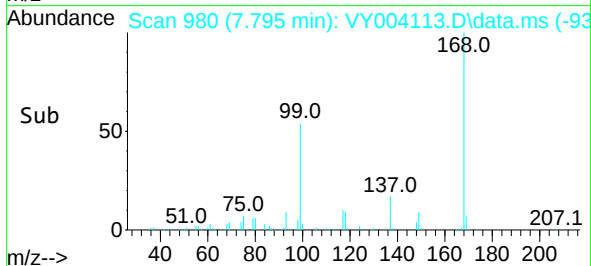


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

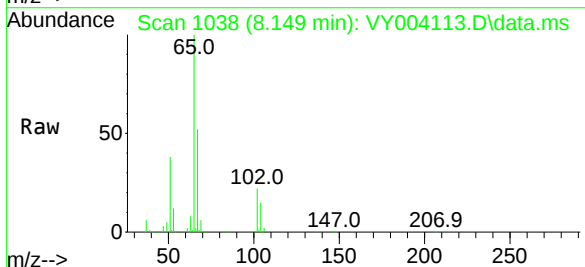
Instrument :
MSVOA_Y
ClientSampleId :



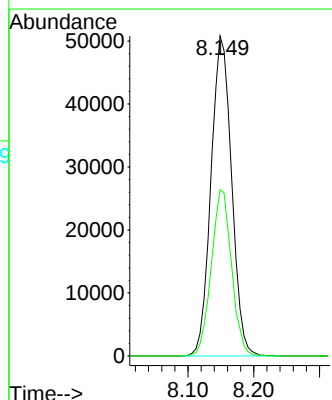
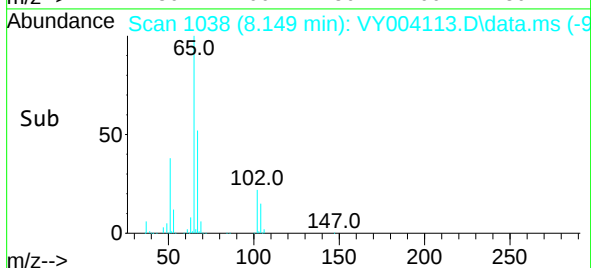
Tgt Ion: 56 Resp: 4084
Ion Ratio Lower Upper
56 100
69 169.9 25.3 37.9#
84 125.8 67.3 100.9#

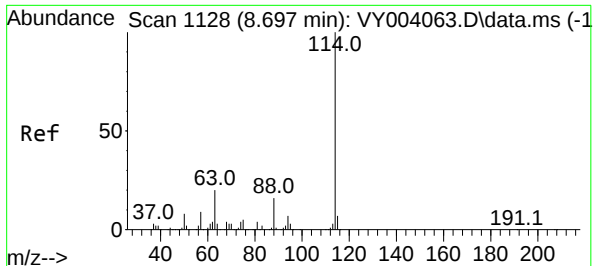


#33
1,2-Dichloroethane-d4
Concen: 55.55 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11



Tgt Ion: 65 Resp: 110779
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4

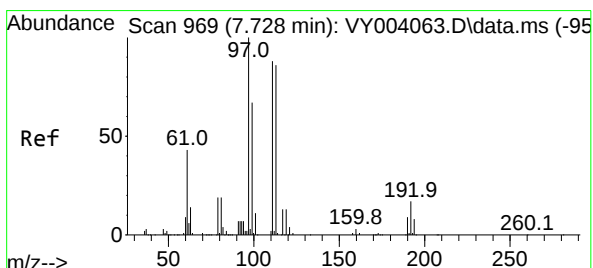
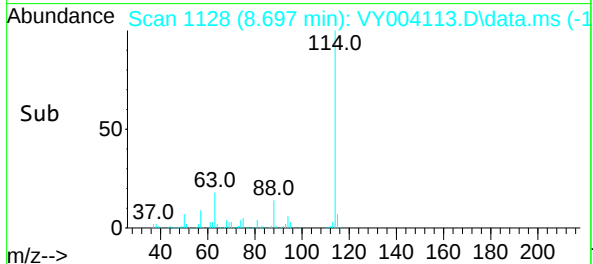
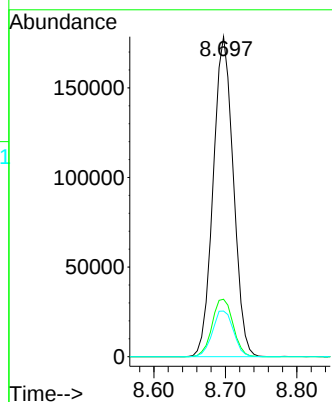
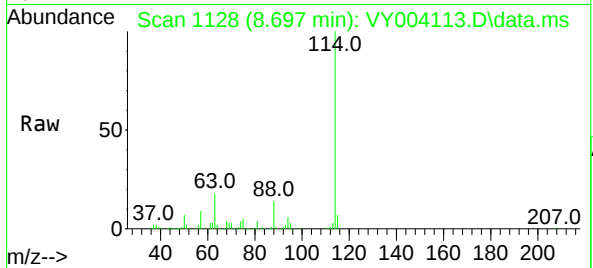




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

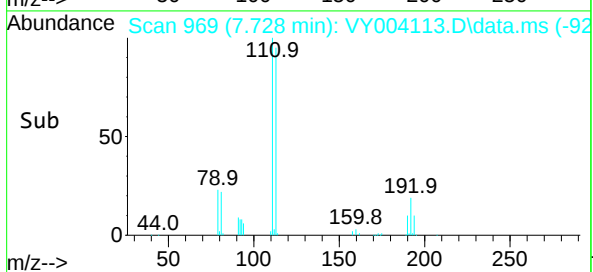
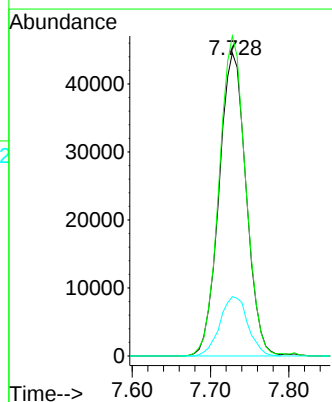
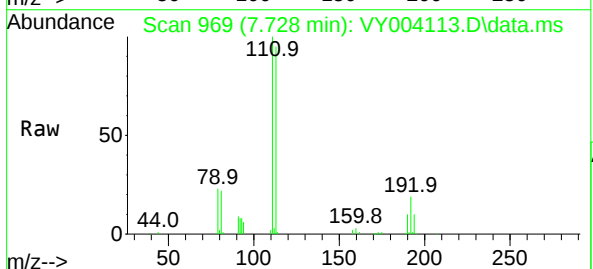
Instrument :
MSVOA_Y
ClientSampleId :

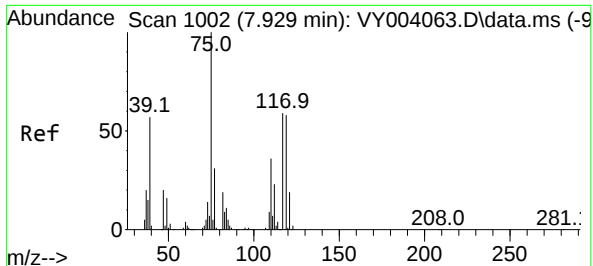
Tgt Ion:114 Resp: 349084
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.6
88 14.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.32 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Tgt Ion:113 Resp: 106939
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 20.2 18.5 27.7

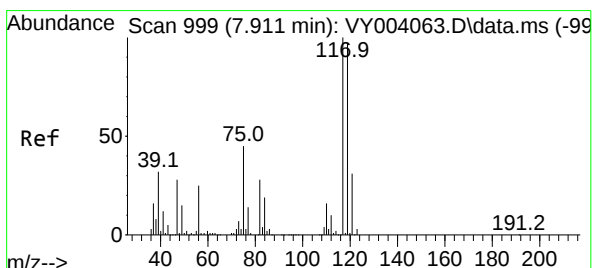
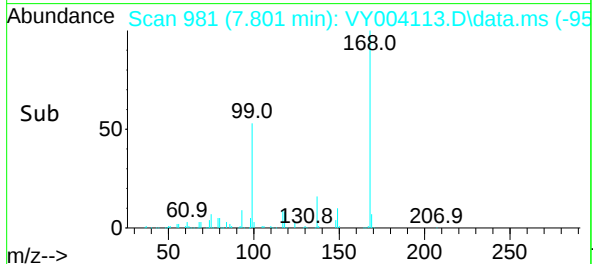
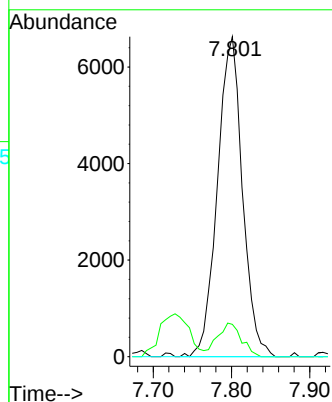
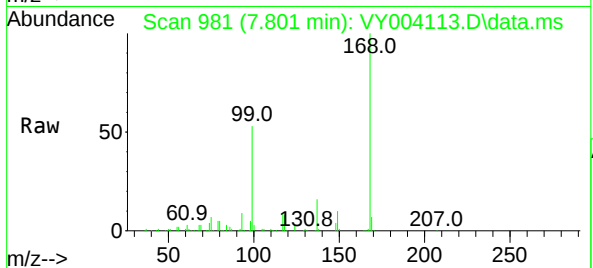




#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

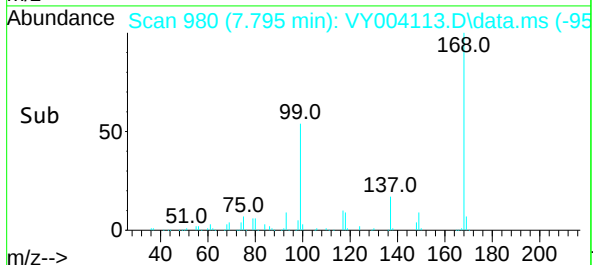
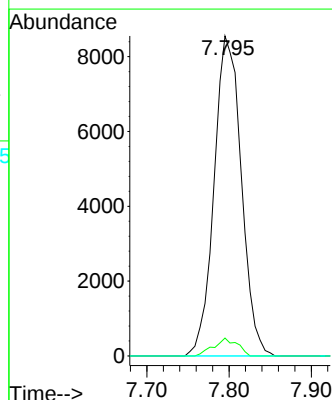
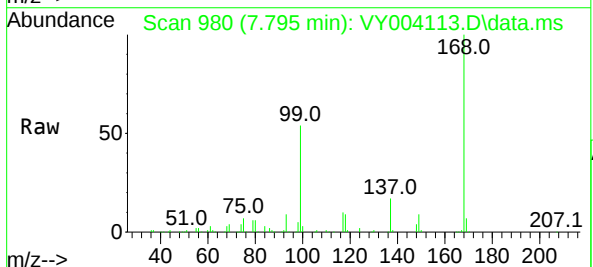
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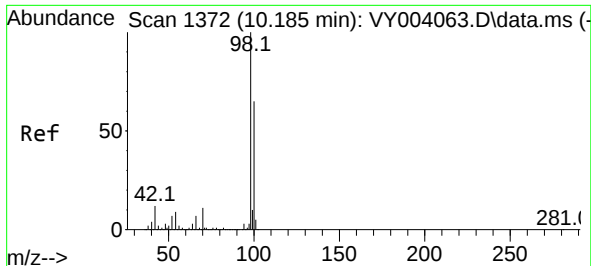
Tgt Ion: 75 Resp: 14718
Ion Ratio Lower Upper
75 100
110 10.1 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Tgt Ion: 117 Resp: 19663
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 24.2 36.2#

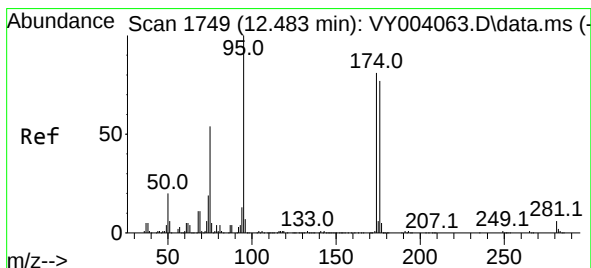
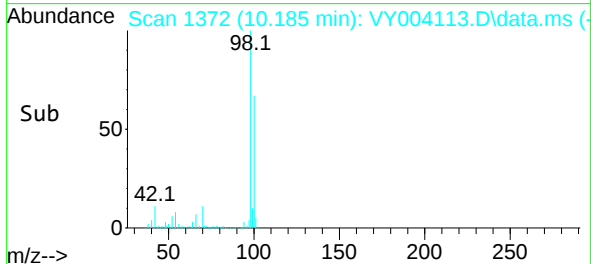
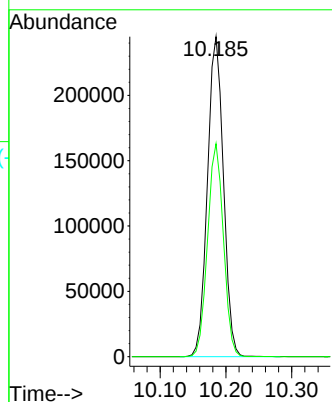
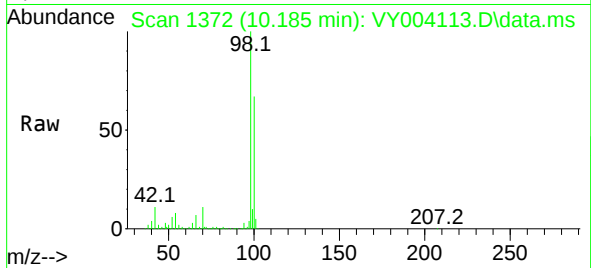




#50
Toluene-d8
Concen: 53.66 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

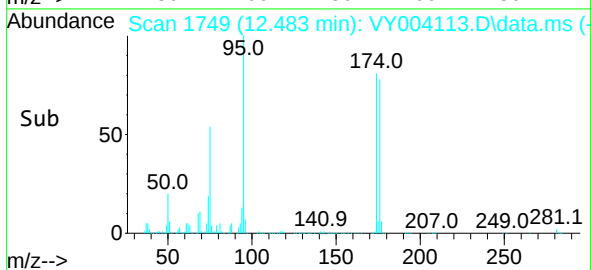
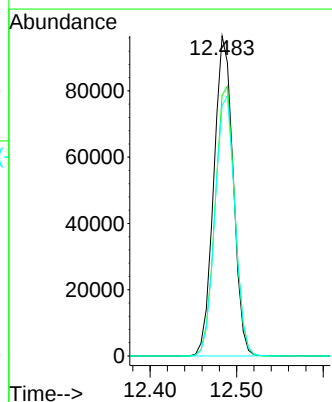
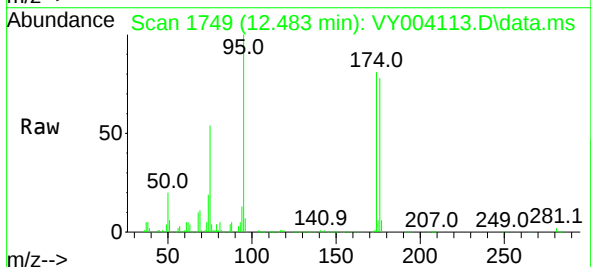
Instrument :
MSVOA_Y
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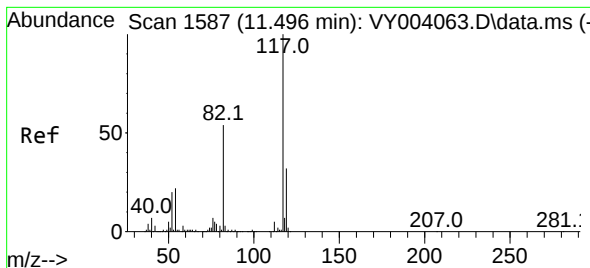
Tgt Ion: 98 Resp: 414147
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Tgt Ion: 95 Resp: 149485
Ion Ratio Lower Upper
95 100
174 86.0 0.0 179.0
176 83.6 0.0 174.4

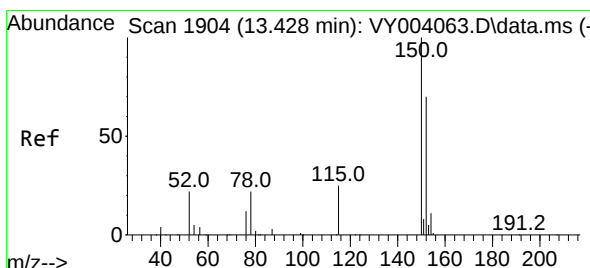
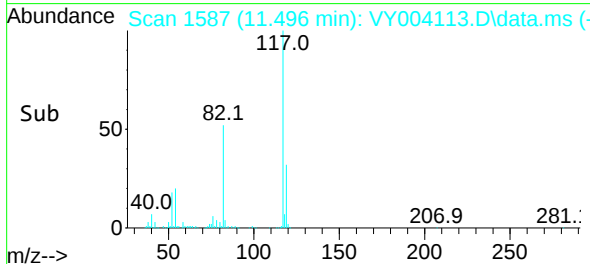
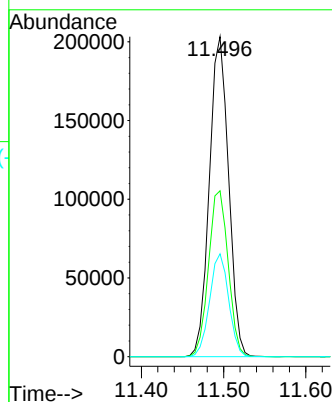
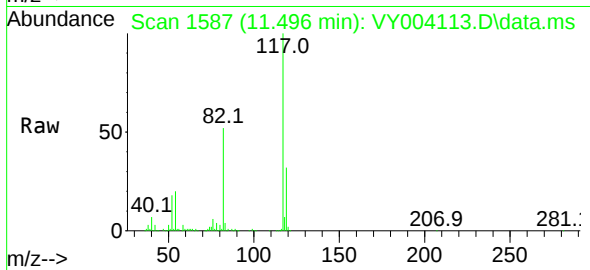




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

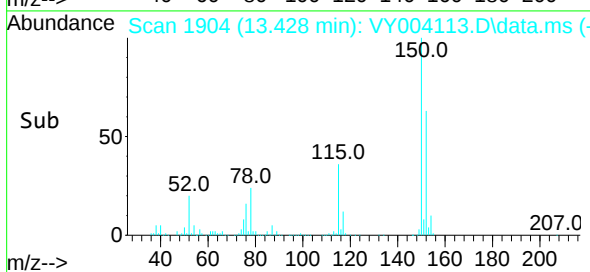
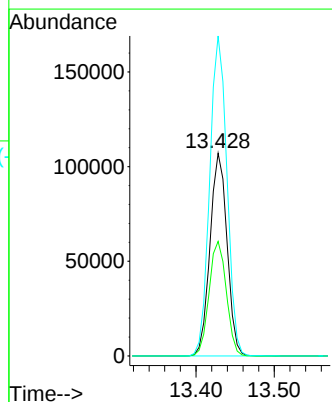
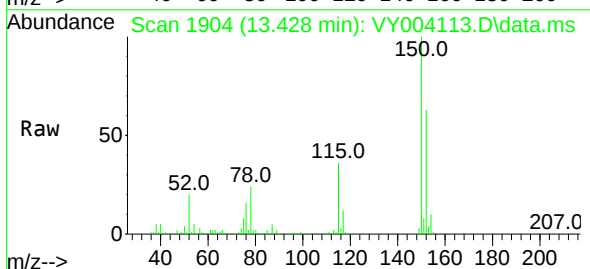
Instrument :
MSVOA_Y
ClientSampleId :

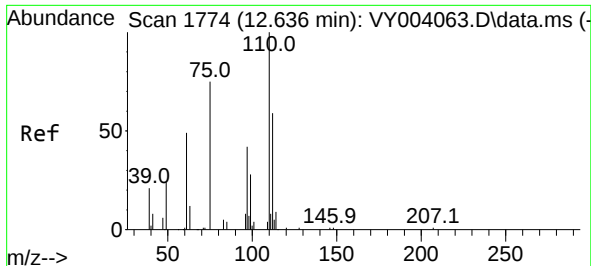
Tgt Ion:117 Resp: 329666
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.6
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Tgt Ion:152 Resp: 161540
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.6
150 159.6 0.0 347.2

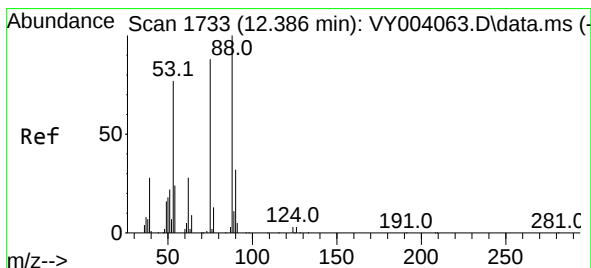
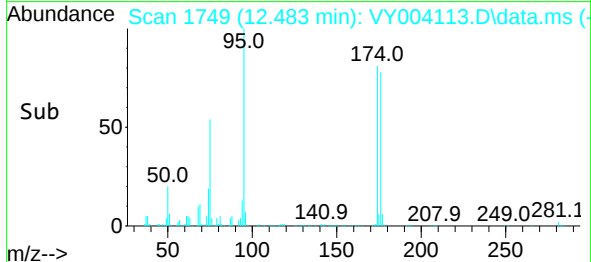
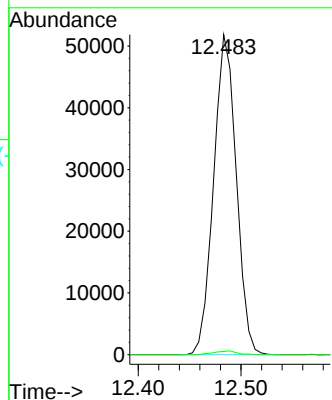
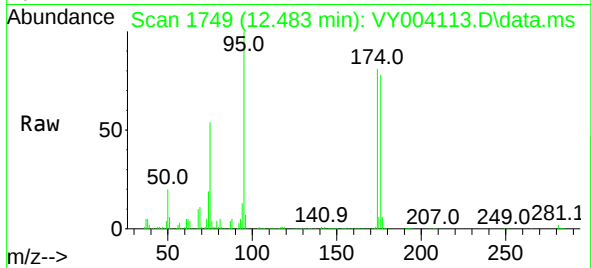




#76
1,2,3-Trichloropropane
Concen: 51.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 79316
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004113.D
Acq: 18 Mar 2021 11:11

Tgt Ion: 75 Resp: 79316
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.0 35.7 53.5#

