

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004104.D
 Acq On : 17 Mar 2021 15:34
 Operator : SY/MD
 Sample : M1691-02
 Misc : 6.12g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 01:49:44 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)

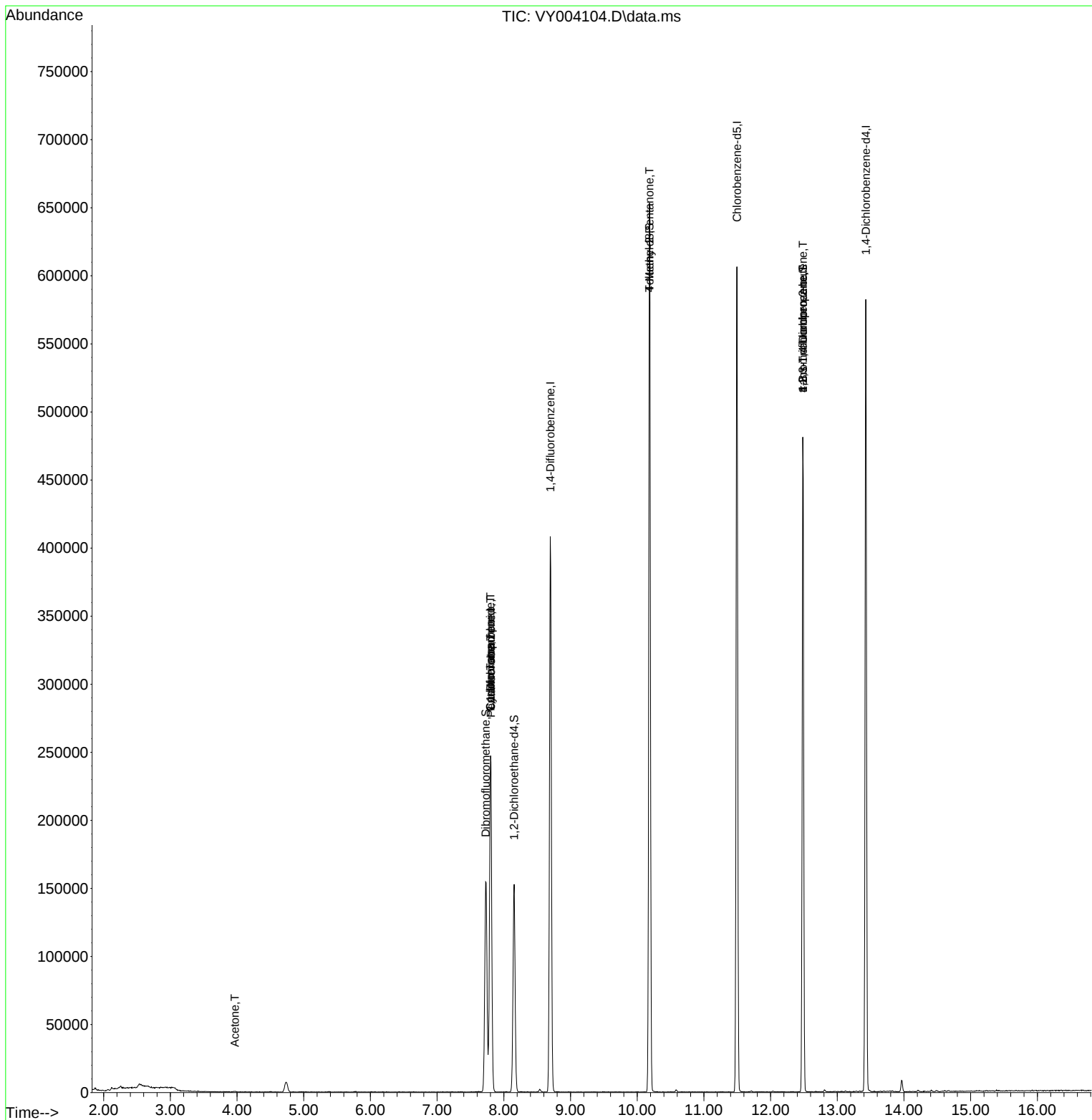
Internal Standards						
1) Pentafluorobenzene	7.807	168	200458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	353211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	327291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146626	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	117942	59.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.24%
35) Dibromofluoromethane	7.728	113	108687	54.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.14%
50) Toluene-d8	10.185	98	415546	53.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.44%
62) 4-Bromofluorobenzene	12.483	95	146304	50.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.46%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.918	85	50	Below Cal	# 41
3) Chloromethane	2.119	50	851	Below Cal	# 88
16) Acetone	3.966	43	902	1.89	ug/l 96
20) Methylene Chloride	4.741	84	5608	Below Cal	# 87
31) Cyclohexane	7.801	56	3922	1.13	ug/l # 1
36) 1,1-Dichloropropene	7.801	75	14238	4.59	ug/l # 50
38) Carbon Tetrachloride	7.801	117	19449	5.91	ug/l # 16
51) 4-Methyl-2-Pentanone	10.185	43	1988	1.17	ug/l # 1
76) 1,2,3-Trichloropropane	12.483	75	76644	54.52	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	76644	107.59	ug/l # 13

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

Quant Time: Mar 18 01:49:44 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

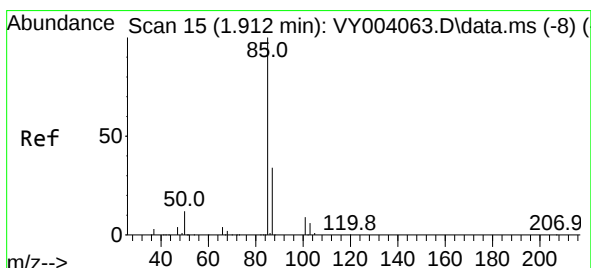
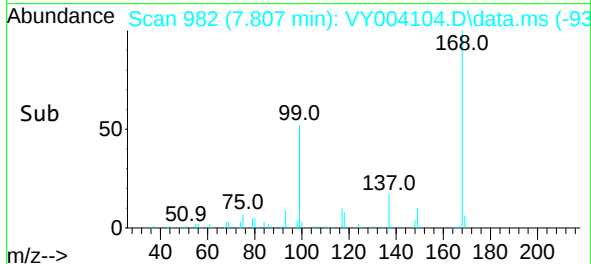
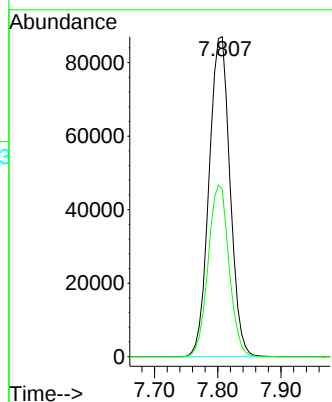
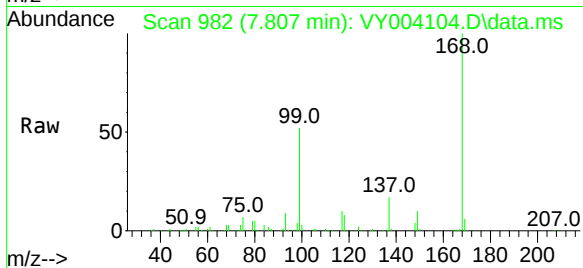




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

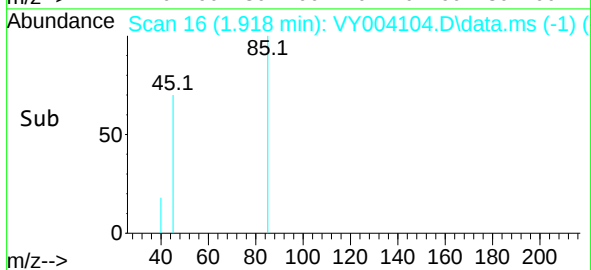
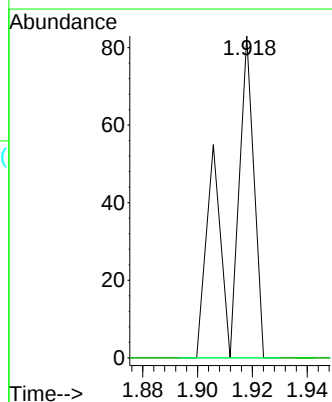
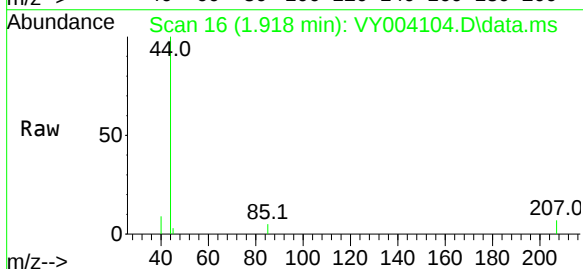
Instrument :
MSVOA_Y
ClientSampled :

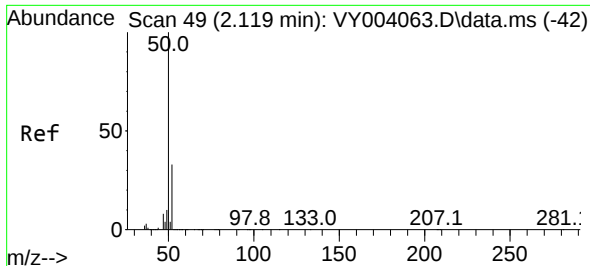
Tgt Ion:168 Resp: 200458
Ion Ratio Lower Upper
168 100
99 52.2 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

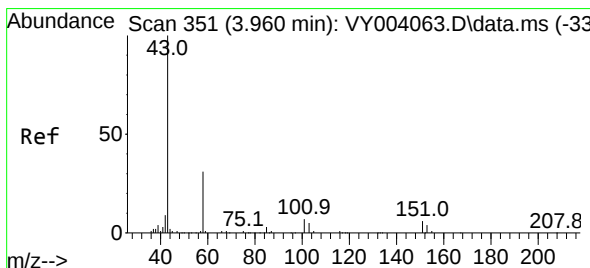
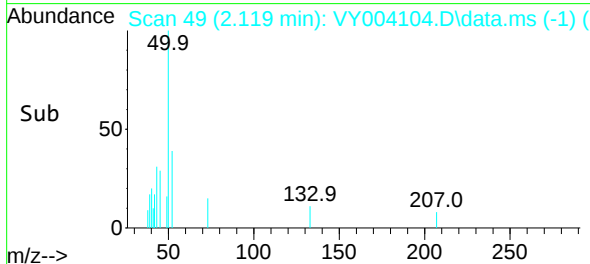
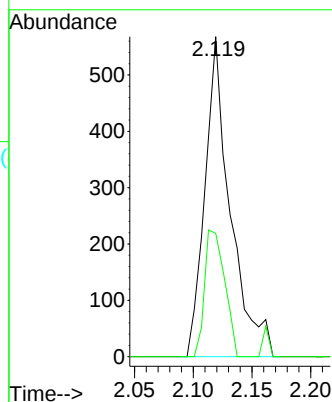
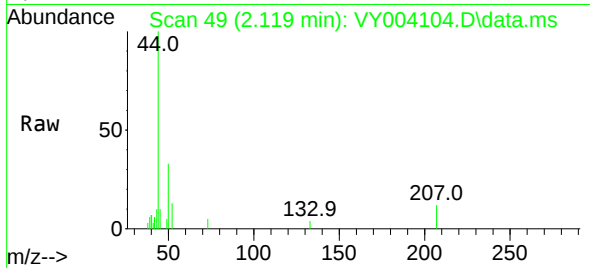




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

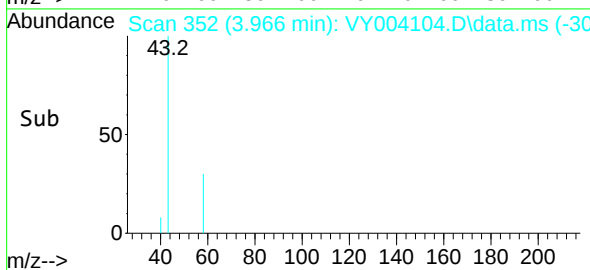
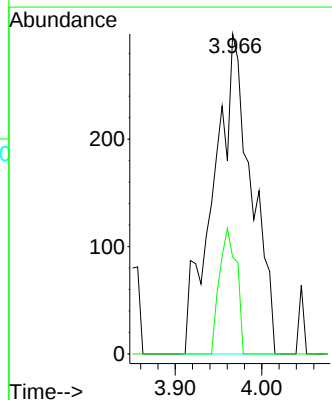
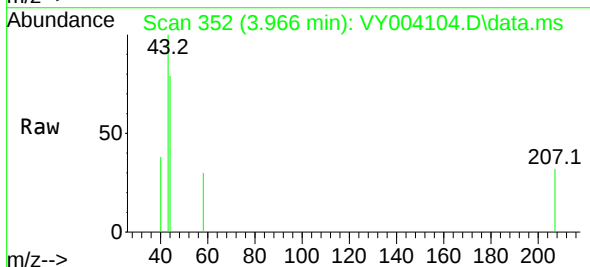
Instrument :
MSVOA_Y
ClientSampled :

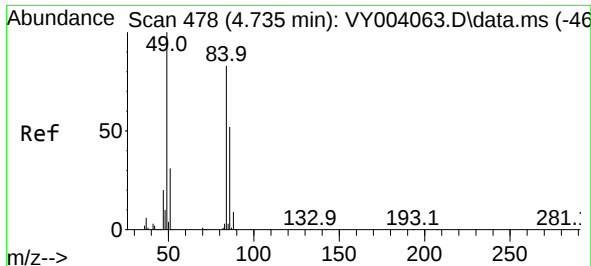
Tgt Ion: 50 Resp: 851
Ion Ratio Lower Upper
50 100
52 38.6 25.4 38.2#



#16
Acetone
Concen: 1.89 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

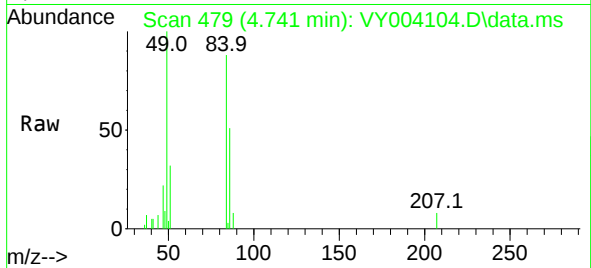
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 30.2 22.6 34.0



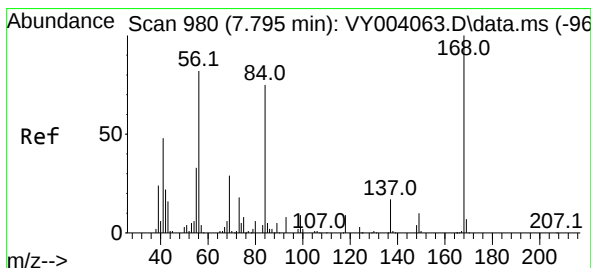
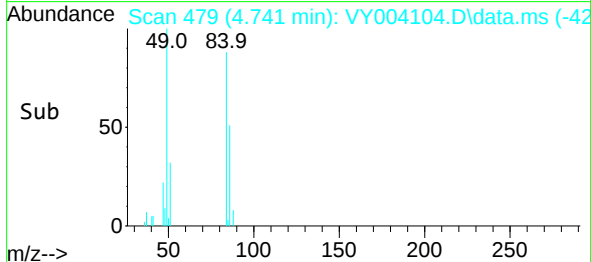
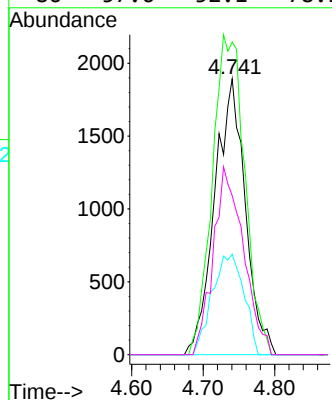


#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

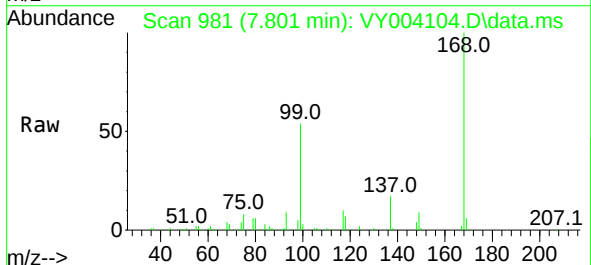
Instrument :
MSVOA_Y
ClientSampled :



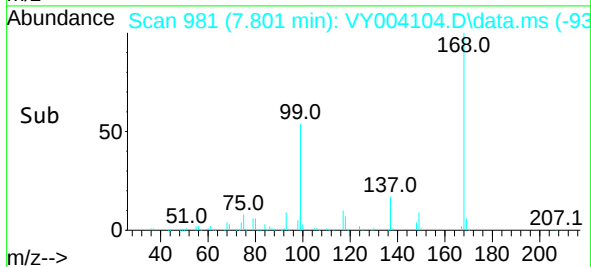
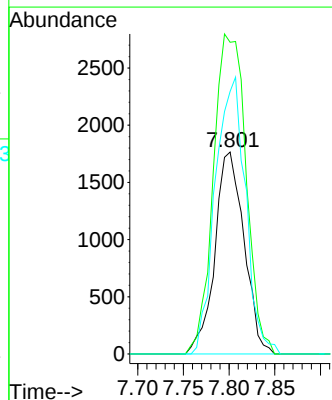
Tgt Ion:	84	Resp:	5608
Ion	Ratio	Lower	Upper
84	100		
49	113.3	105.8	158.6
51	36.4	32.6	48.8
86	57.6	52.1	78.1

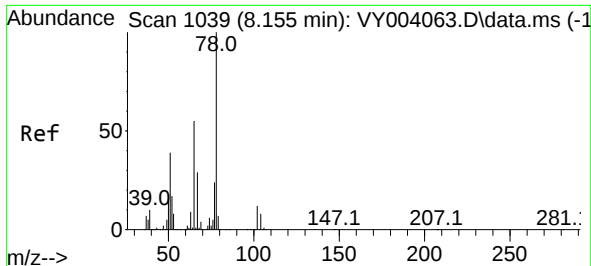


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34



Tgt Ion:	56	Resp:	3922
Ion	Ratio	Lower	Upper
56	100		
69	154.4	25.3	37.9#
84	138.0	67.3	100.9#

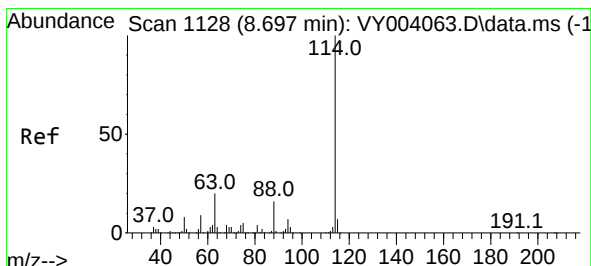
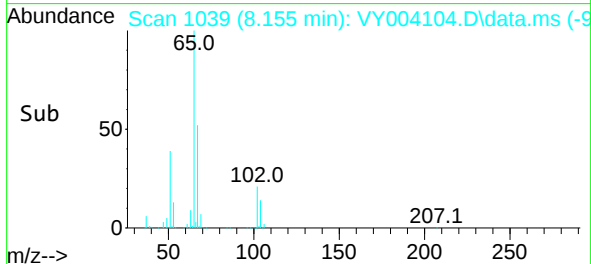
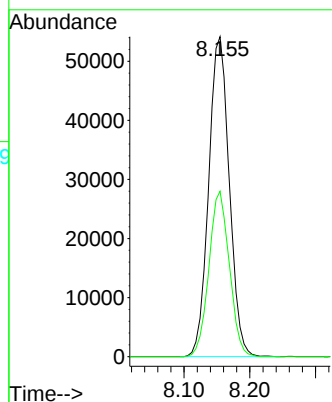
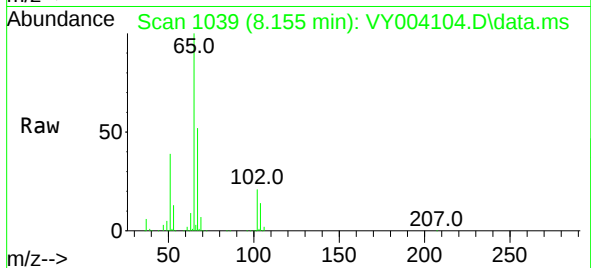




#33
1,2-Dichloroethane-d4
Concen: 59.62 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

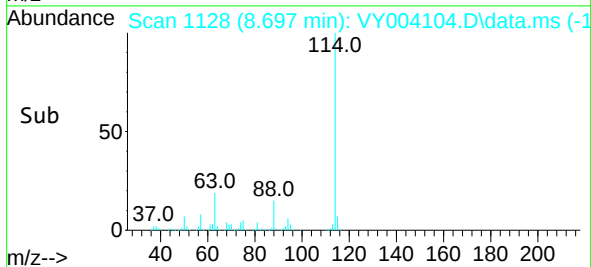
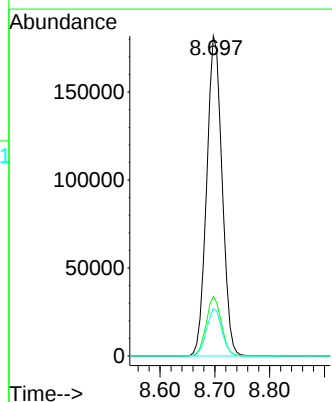
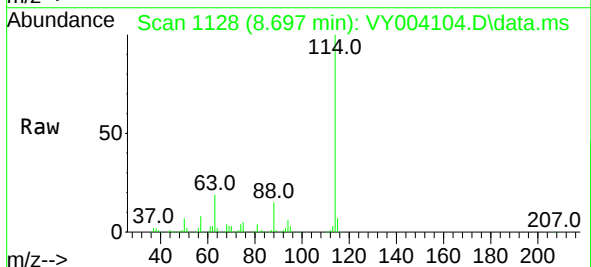
Instrument :
MSVOA_Y
ClientSampled :

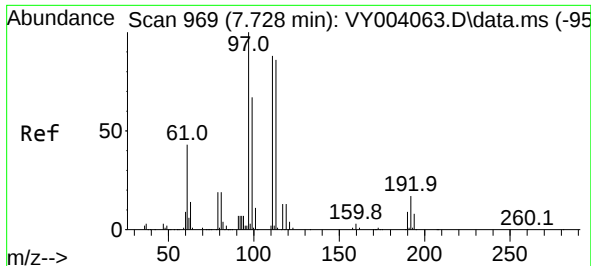
Tgt Ion: 65 Resp: 117942
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion:114 Resp: 353211
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 14.8 0.0 31.4

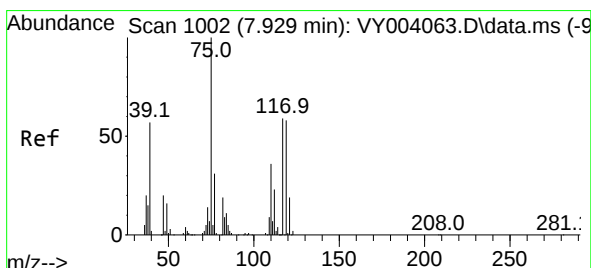
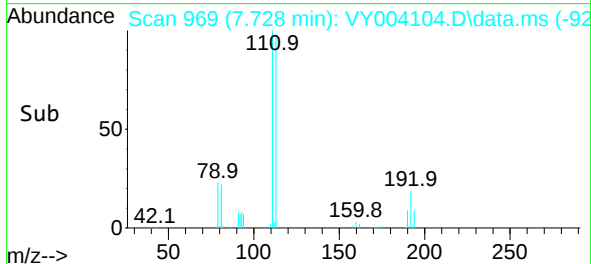
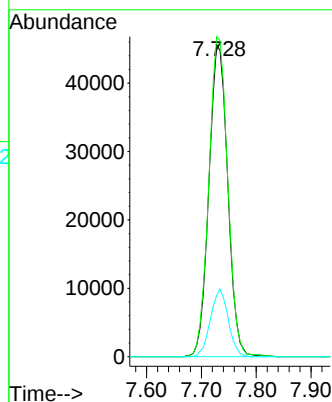
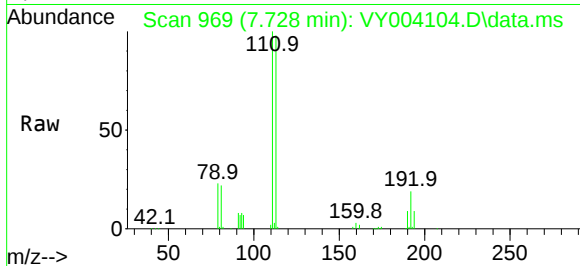




#35
Dibromofluoromethane
Concen: 54.57 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

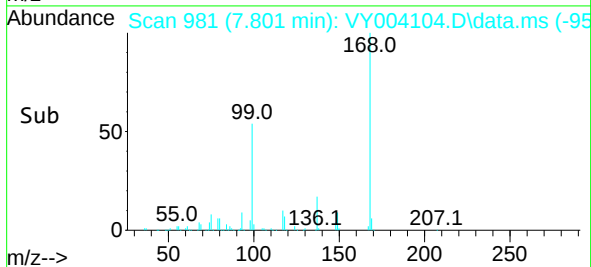
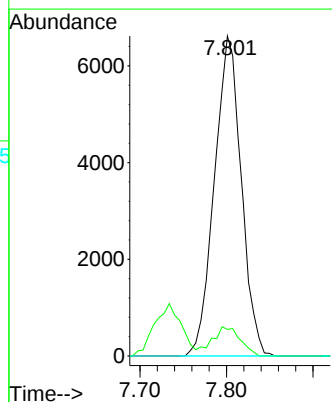
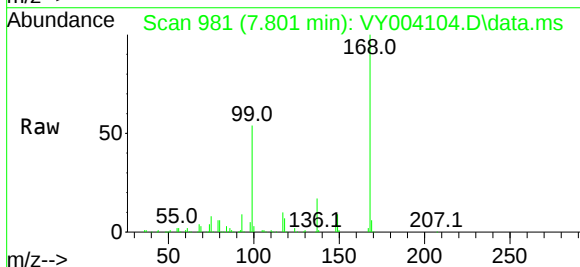
Instrument :
MSVOA_Y
ClientSampled :

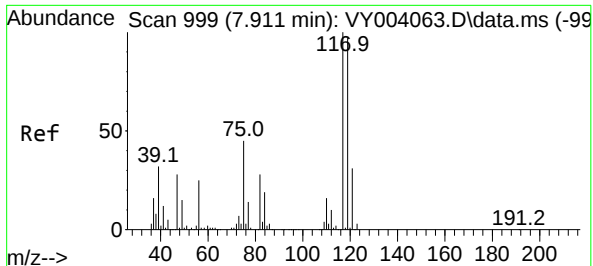
Tgt Ion:113 Resp: 108687
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 20.4 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

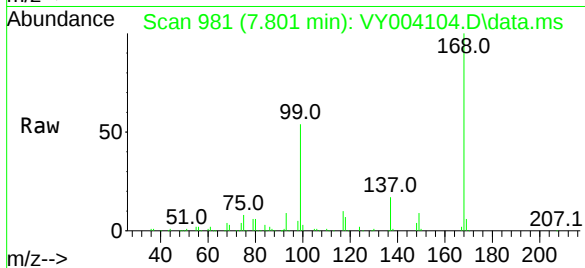
Tgt Ion: 75 Resp: 14238
Ion Ratio Lower Upper
75 100
110 9.5 17.4 52.3#
77 0.0 24.5 36.7#



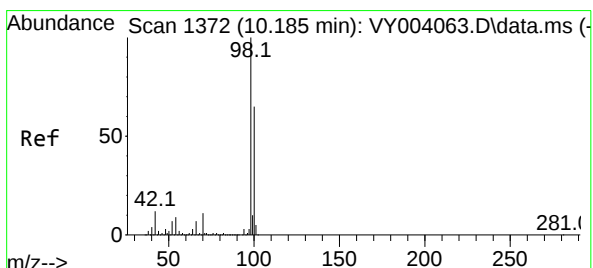
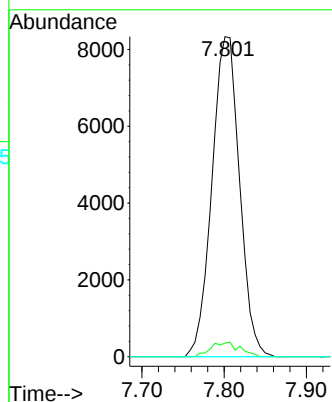
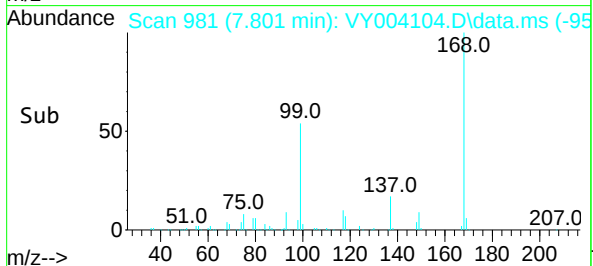


#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

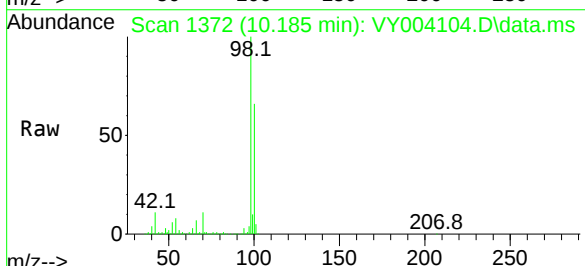
Instrument :
MSVOA_Y
ClientSampled :



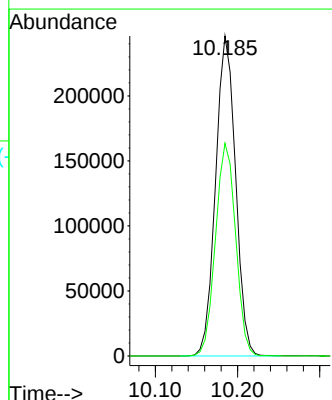
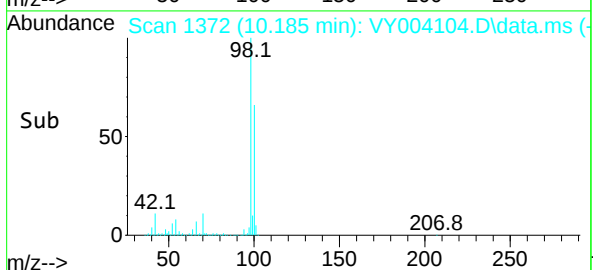
Tgt Ion:117 Resp: 19449
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 24.2 36.2#

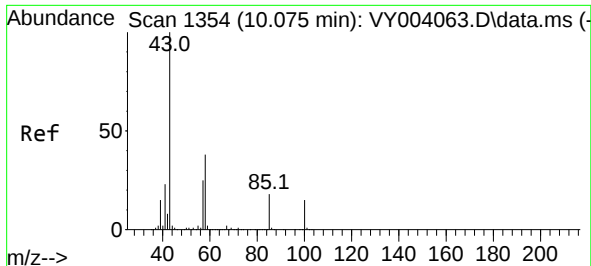


#50
Toluene-d8
Concen: 53.22 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34



Tgt Ion: 98 Resp: 415546
Ion Ratio Lower Upper
98 100
100 67.0 51.8 77.6

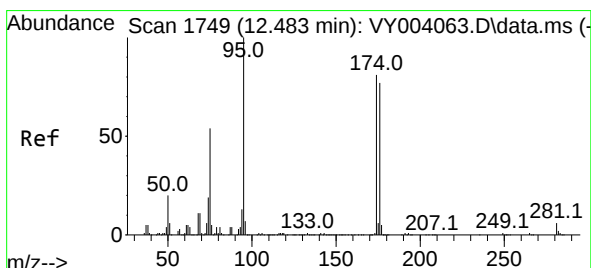
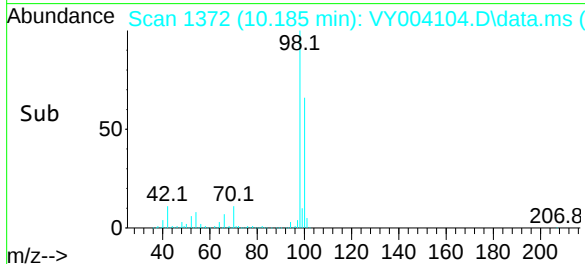
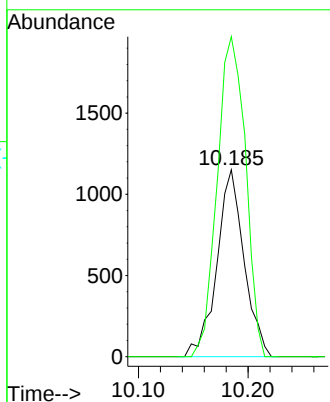
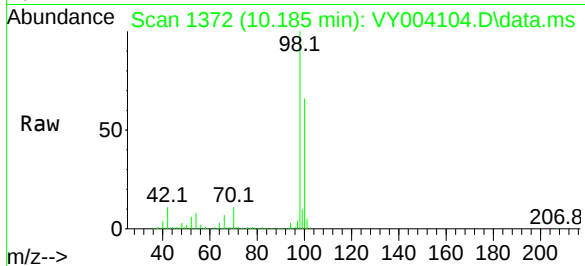




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

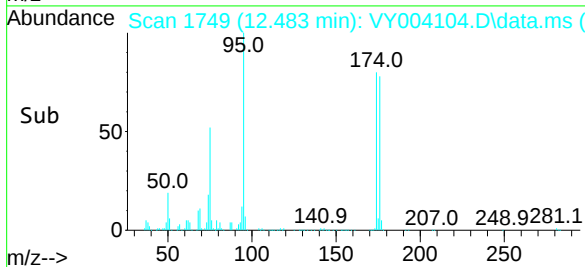
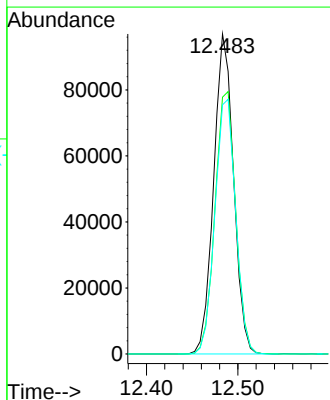
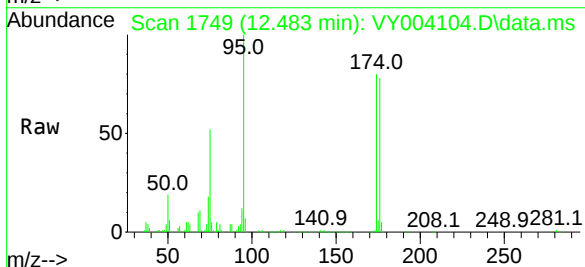
Instrument :
MSVOA_Y
ClientSampled :

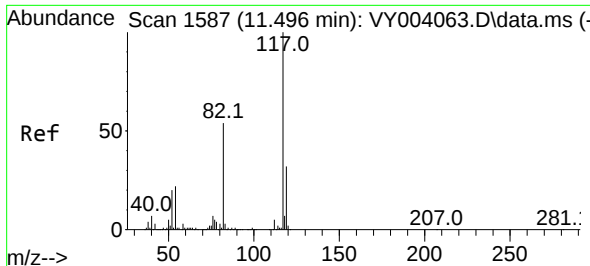
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
58 178.2 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 50.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion: 95 Resp: 146304
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 83.4 0.0 174.4

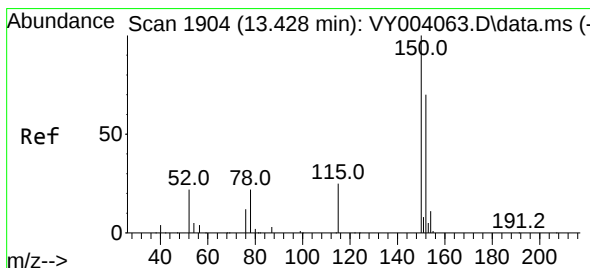
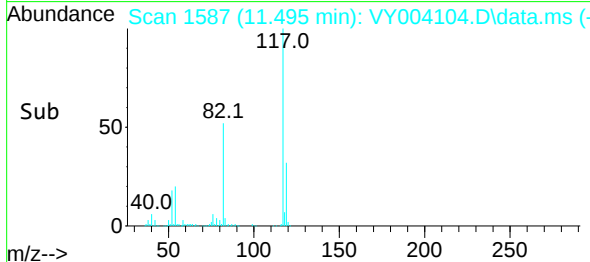
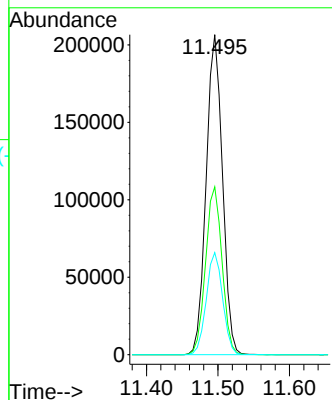
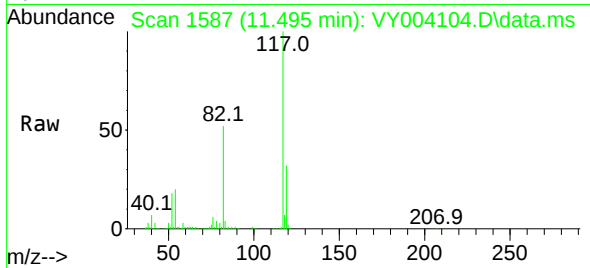




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

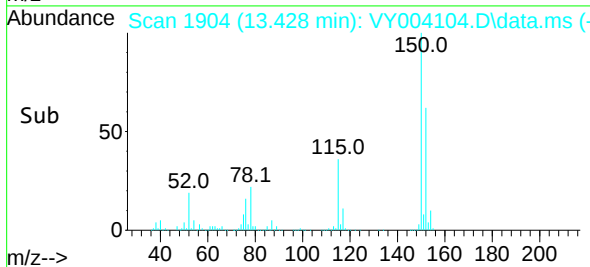
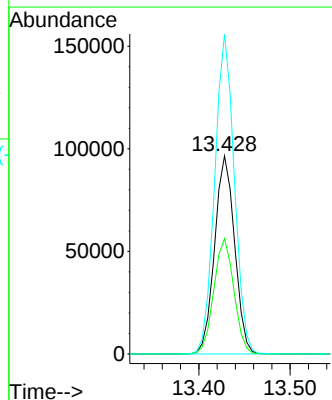
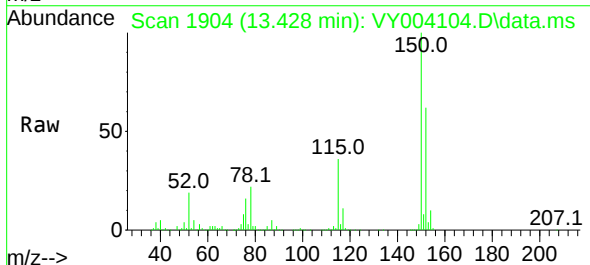
Instrument :
MSVOA_Y
ClientSampled :

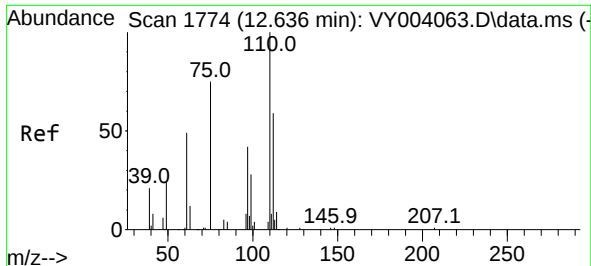
Tgt Ion:117 Resp: 327291
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.6
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion:152 Resp: 146626
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.6
150 158.6 0.0 347.2

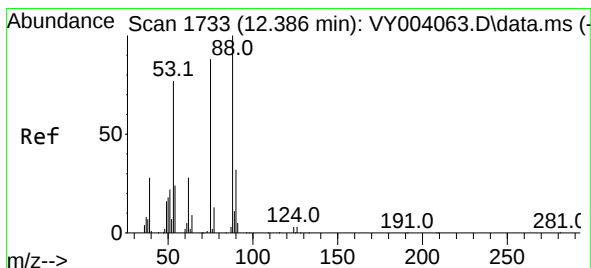
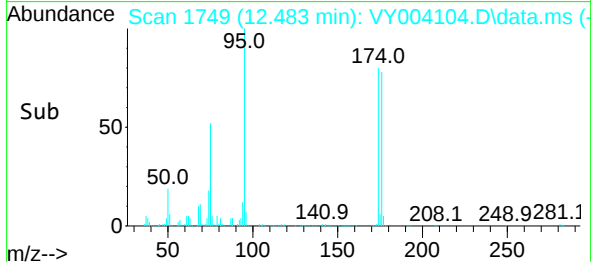
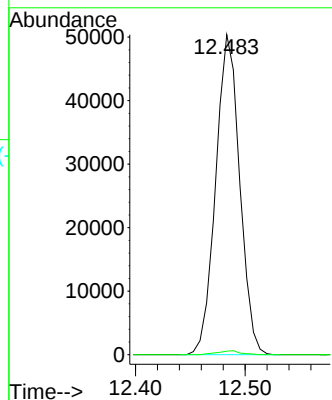
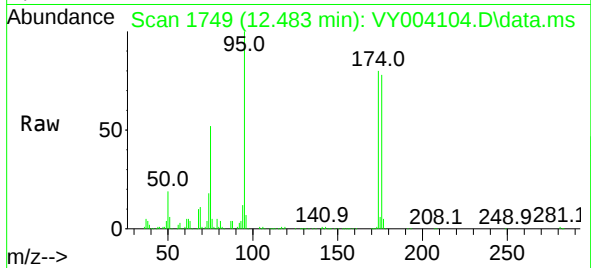




#76
1,2,3-Trichloropropane
Concen: 54.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 76644
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion: 75 Resp: 76644
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.0 35.7 53.5#

