

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004070.D
 Acq On : 11 Mar 2021 12:06
 Operator : SY/MD
 Sample : VY0311SBL04
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 12 01:17:08 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	227515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	399745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	381560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189229	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129608	57.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.46%
35) Dibromofluoromethane	7.728	113	122452	54.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.64%
50) Toluene-d8	10.185	98	477507	54.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.06%
62) 4-Bromofluorobenzene	12.483	95	179295	54.93	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.86%

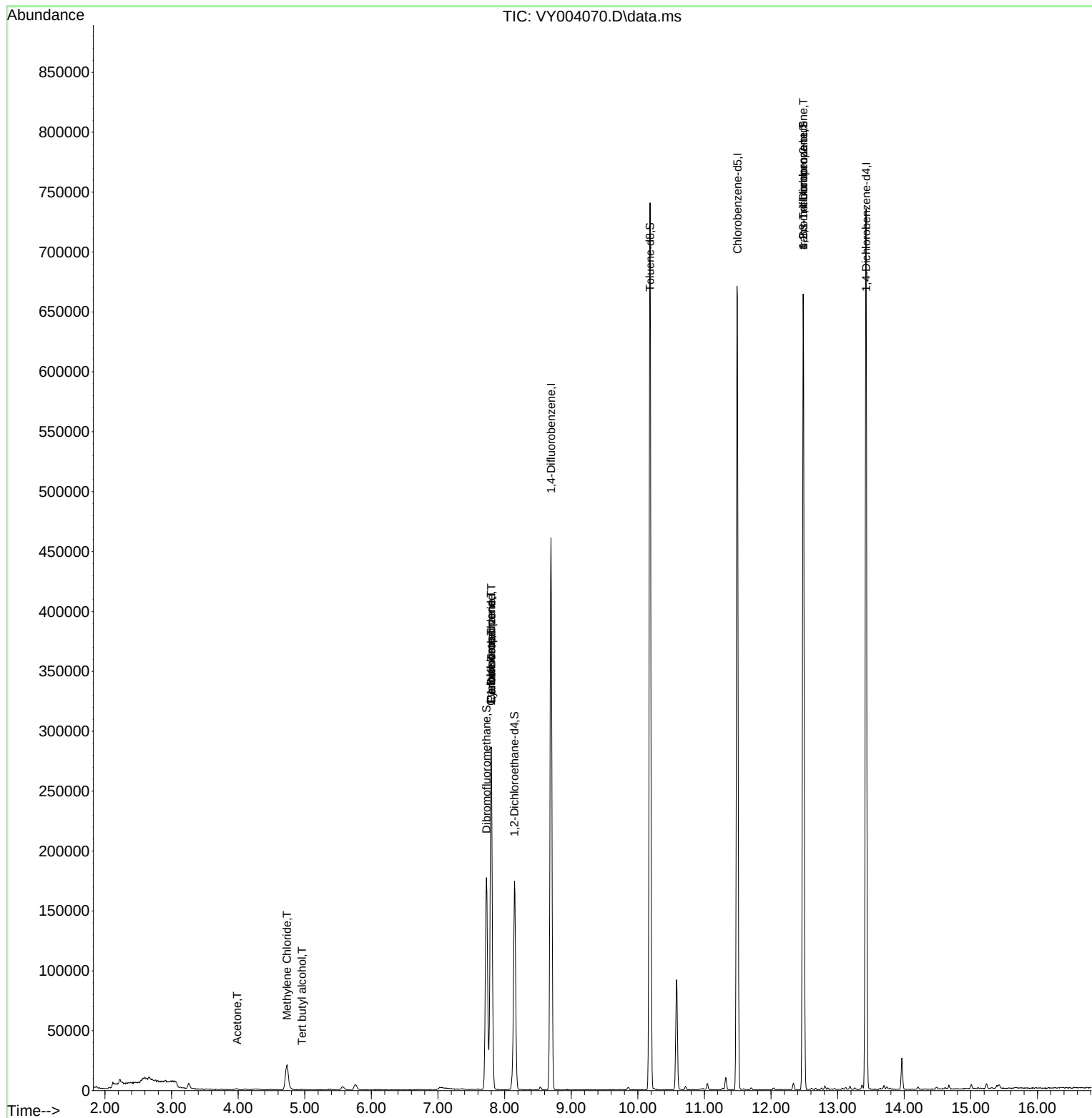
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	134	Below Cal	78
3) Chloromethane	2.113	50	1361	Below Cal	97
11) Tert butyl alcohol	4.960	59	466	2.30 ug/l #	76
16) Acetone	3.985	43	1216	2.24 ug/l	100
20) Methylene Chloride	4.735	84	15987	2.57 ug/l	94
31) Cyclohexane	7.795	56	4712	1.20 ug/l #	3
36) 1,1-Dichloropropene	7.795	75	16872	4.80 ug/l #	51
38) Carbon Tetrachloride	7.801	117	21493	5.77 ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	93170	51.35 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93170	101.34 ug/l #	13

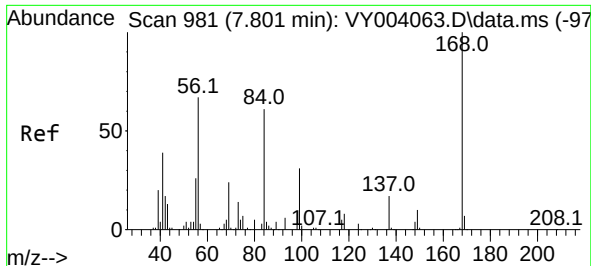
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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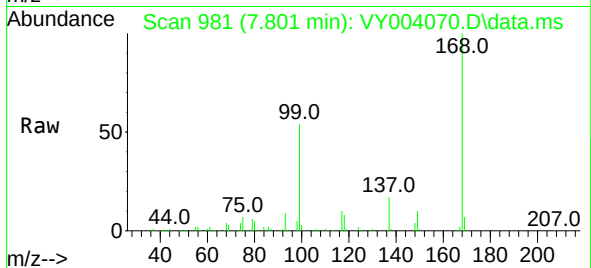
Quant Time: Mar 12 01:17:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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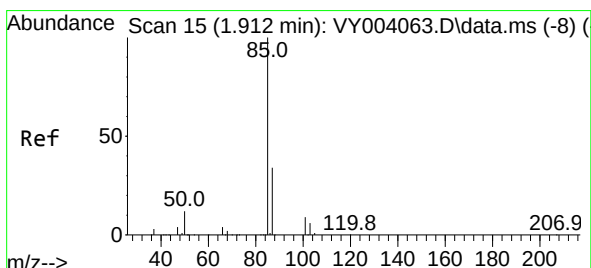
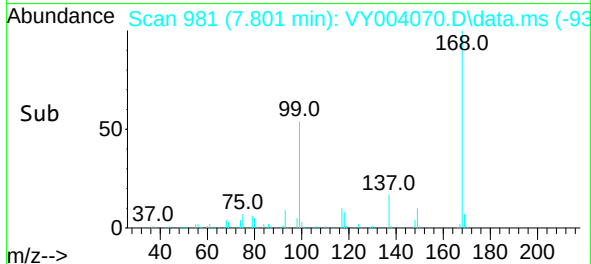
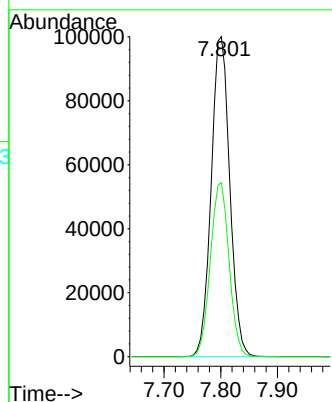


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Instrument :
MSVOA_Y
ClientSampled :

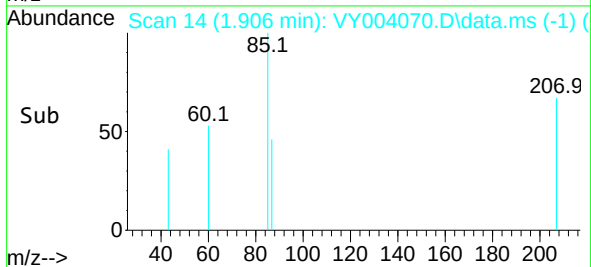
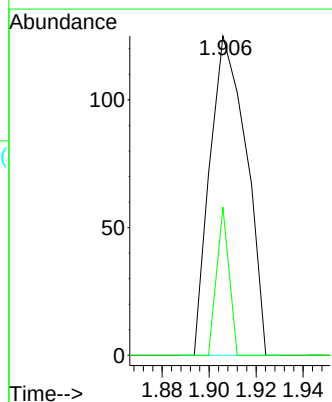
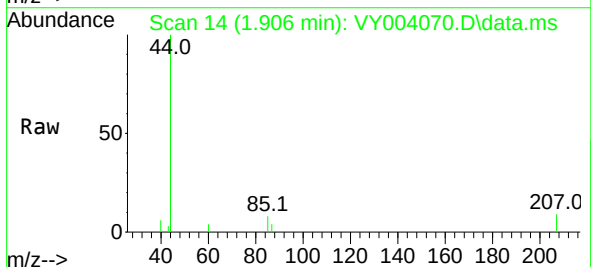


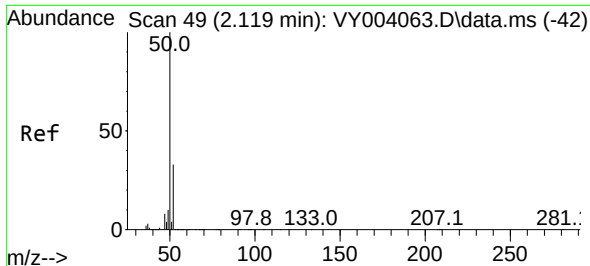
Tgt Ion:168 Resp: 227515
Ion Ratio Lower Upper
168 100
99 54.4 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Tgt Ion: 85 Resp: 134
Ion Ratio Lower Upper
85 100
87 46.4 17.0 51.0

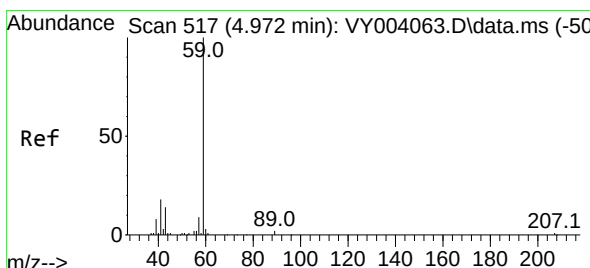
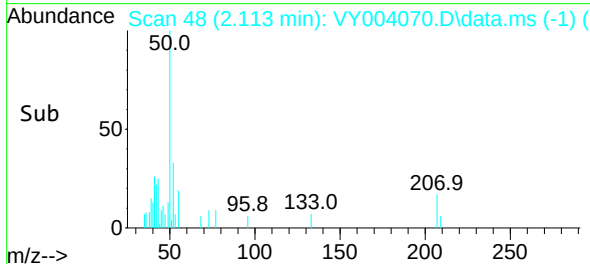
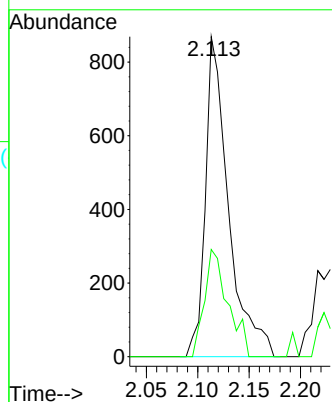
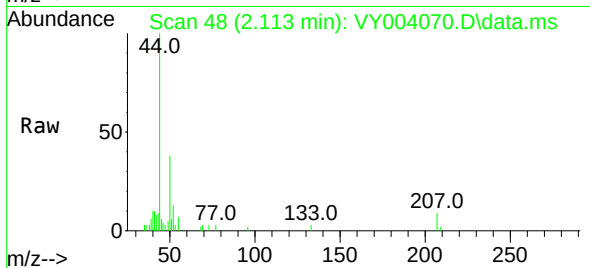




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

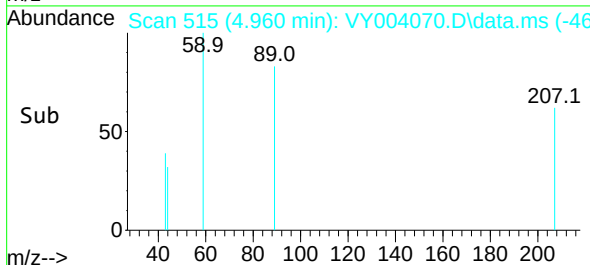
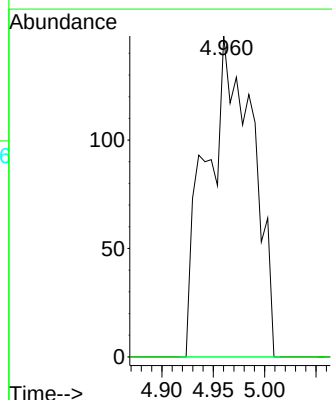
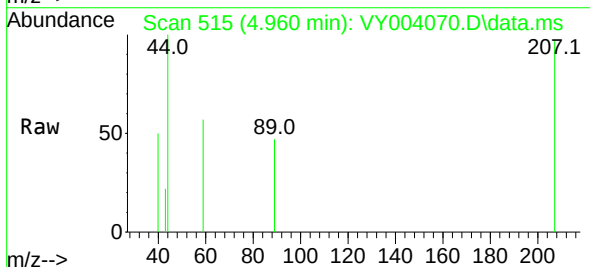
Instrument :
MSVOA_Y
ClientSampled :

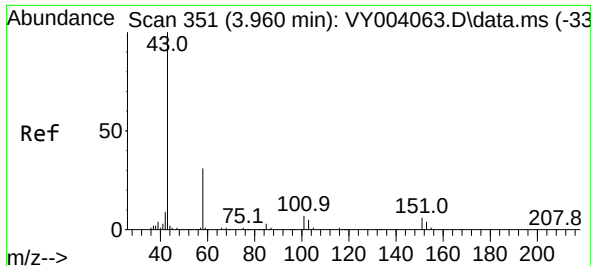
Tgt Ion: 50 Resp: 1361
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#11
Tert butyl alcohol
Concen: 2.30 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

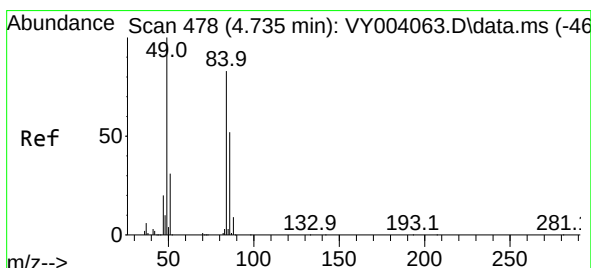
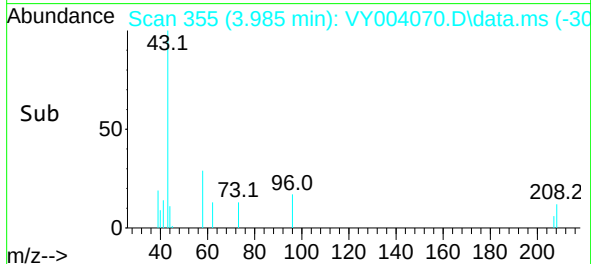
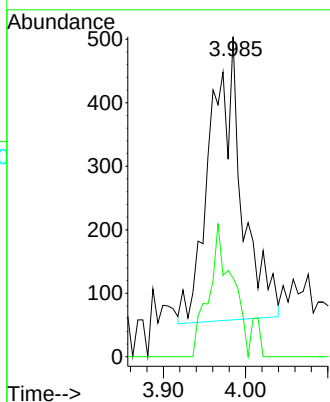
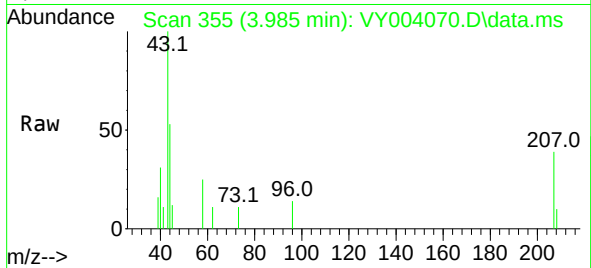




#16
Acetone
Concen: 2.24 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

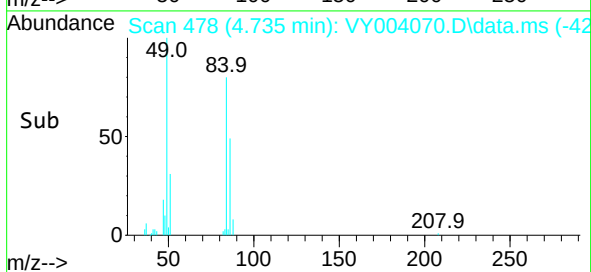
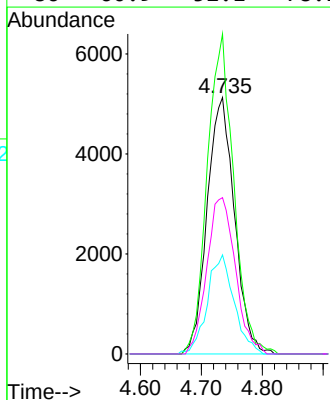
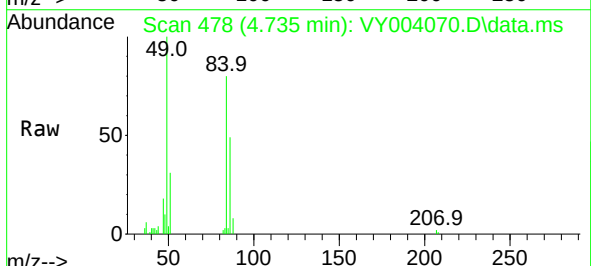
Instrument :
MSVOA_Y
ClientSampled :

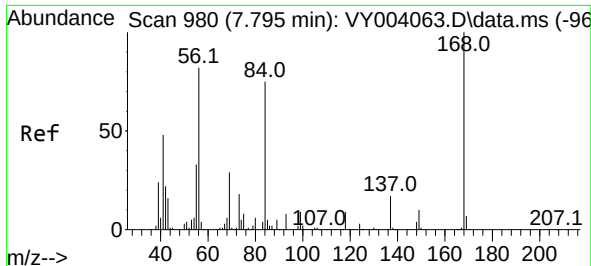
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0



#20
Methylene Chloride
Concen: 2.57 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

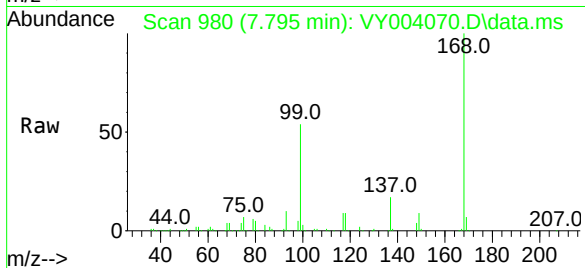
Tgt Ion: 84 Resp: 15987
Ion Ratio Lower Upper
84 100
49 124.8 105.8 158.6
51 38.6 32.6 48.8
86 60.9 52.1 78.1



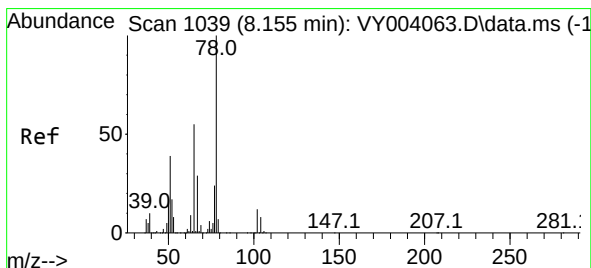
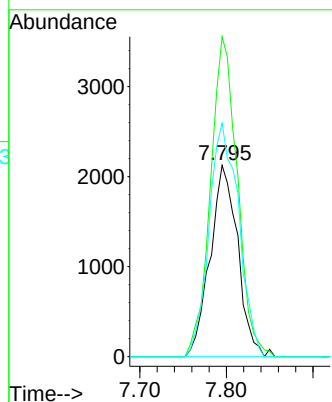
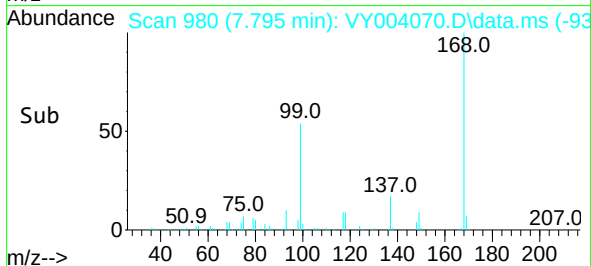


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

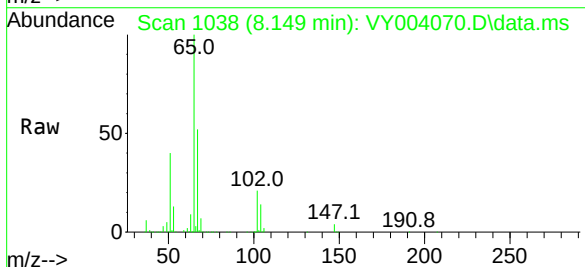
Instrument :
MSVOA_Y
ClientSampleId :



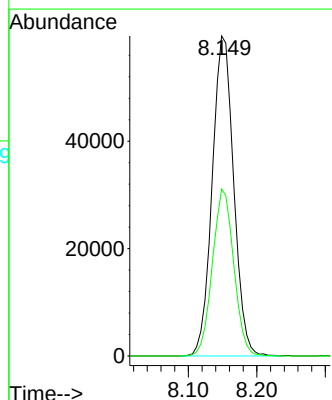
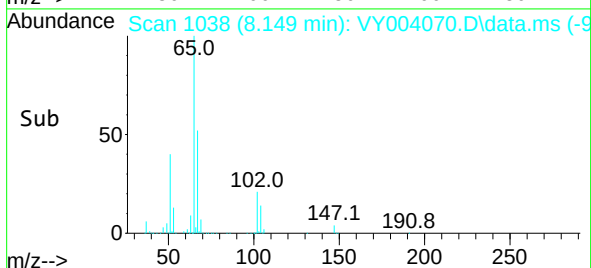
Tgt Ion: 56 Resp: 4712
Ion Ratio Lower Upper
56 100
69 167.2 25.3 37.9#
84 122.1 67.3 100.9#

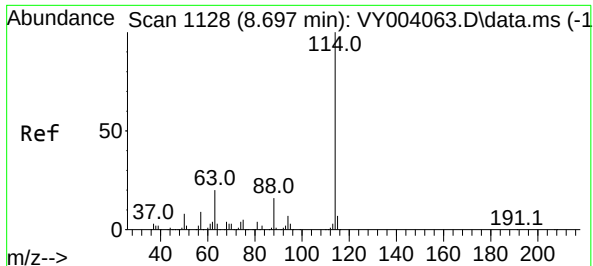


#33
1,2-Dichloroethane-d4
Concen: 57.73 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06



Tgt Ion: 65 Resp: 129608
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4

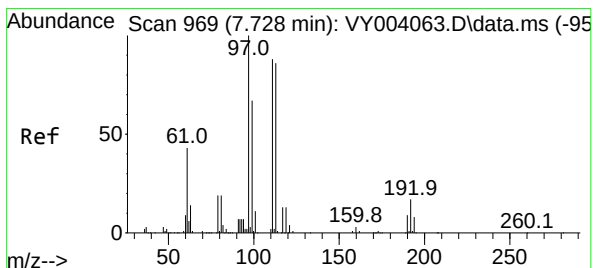
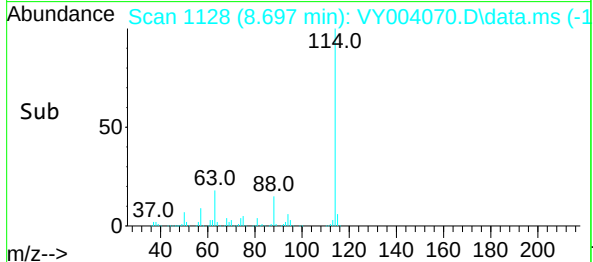
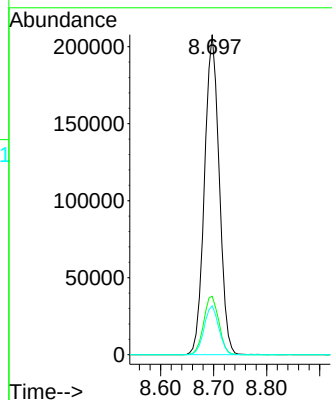
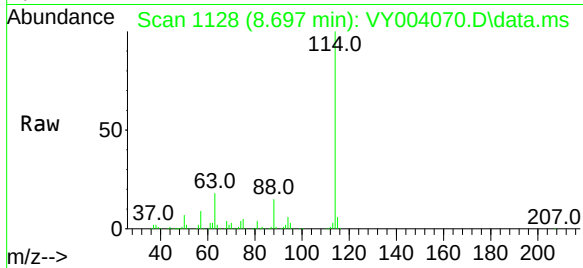




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

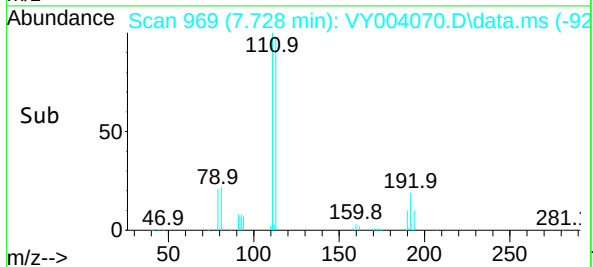
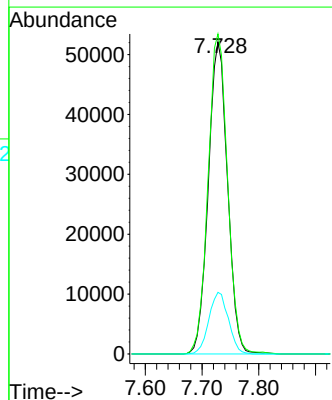
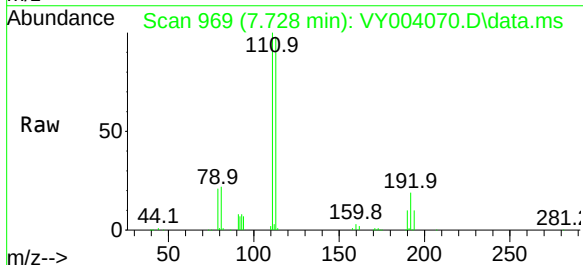
Instrument :
MSVOA_Y
ClientSampleId :

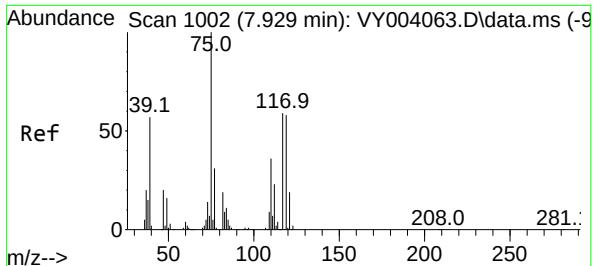
Tgt Ion:	114	Resp:	399745
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	41.6
88	15.2	0.0	31.4



#35
Dibromofluoromethane
Concen: 54.32 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Tgt Ion:	113	Resp:	122452
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.2	124.8
192	20.1	18.5	27.7

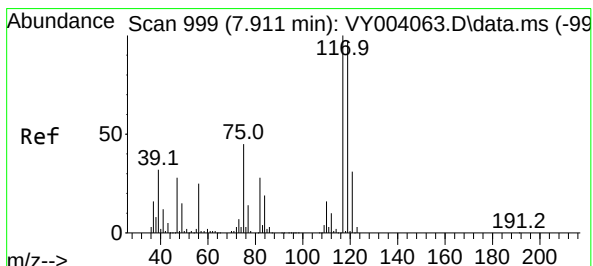
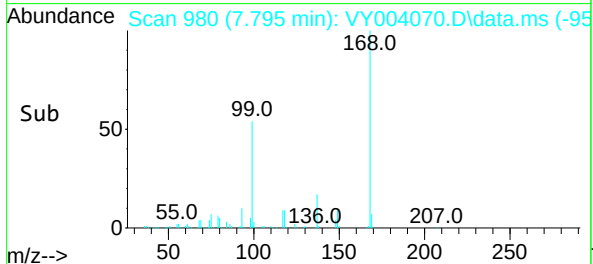
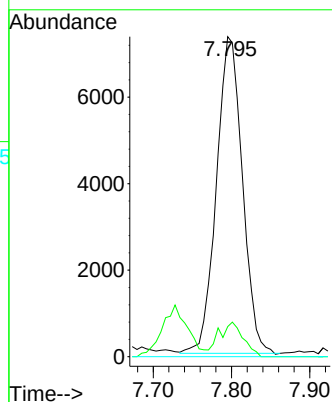
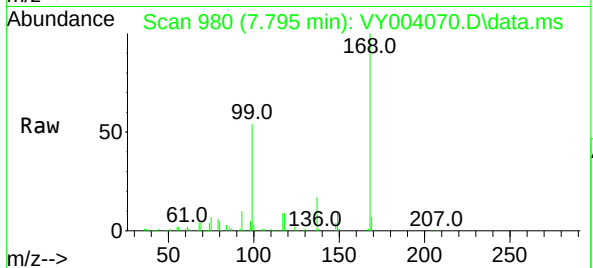




#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

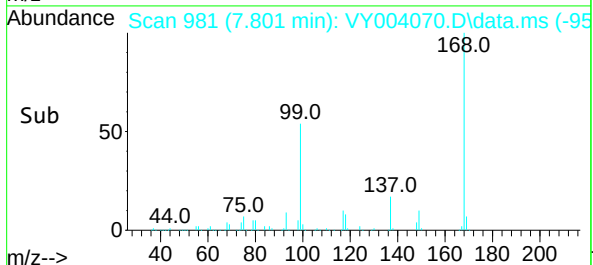
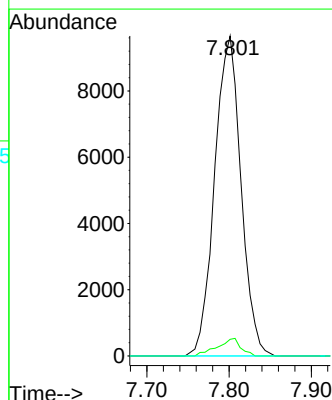
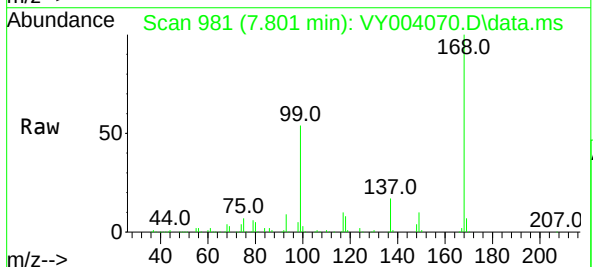
Instrument :
MSVOA_Y
ClientSampleId :

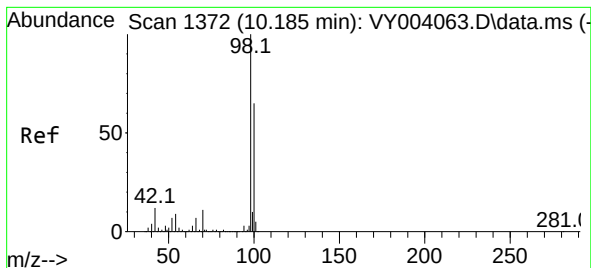
Tgt Ion: 75 Resp: 16872
Ion Ratio Lower Upper
75 100
110 10.1 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Tgt Ion: 117 Resp: 21493
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 24.2 36.2#

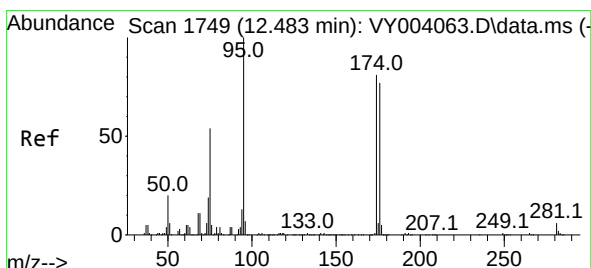
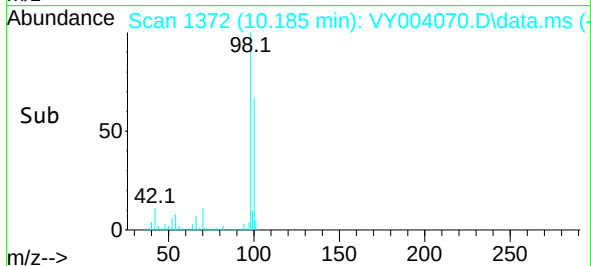
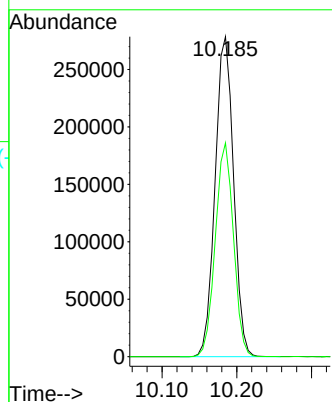
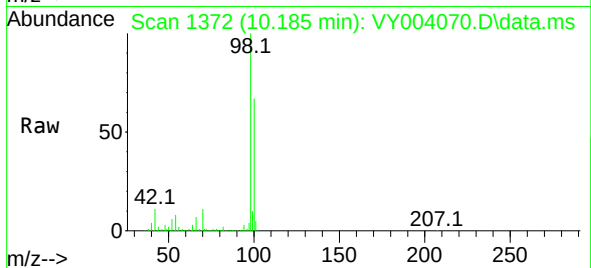




#50
Toluene-d8
Concen: 54.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

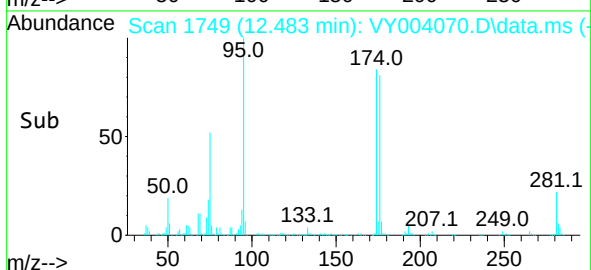
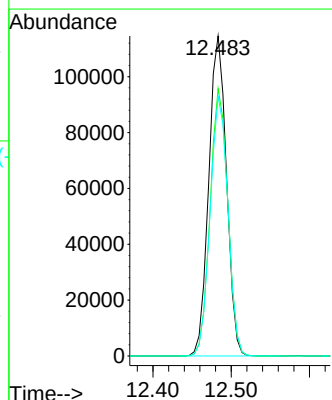
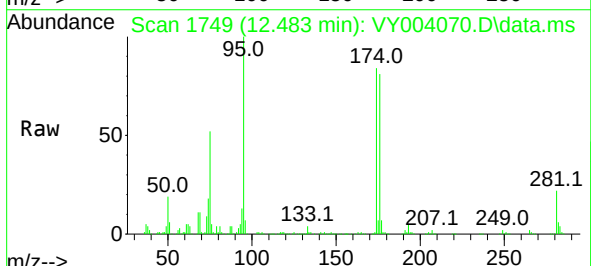
Instrument :
MSVOA_Y
ClientSampled :

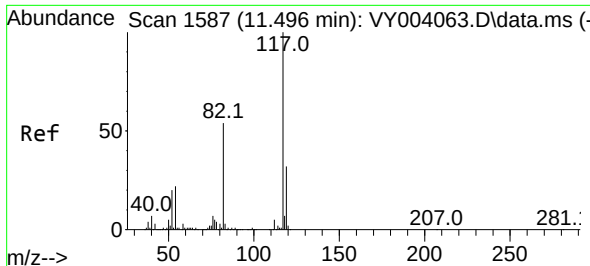
Tgt Ion: 98 Resp: 477507
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Tgt Ion: 95 Resp: 179295
Ion Ratio Lower Upper
95 100
174 83.5 0.0 179.0
176 81.6 0.0 174.4

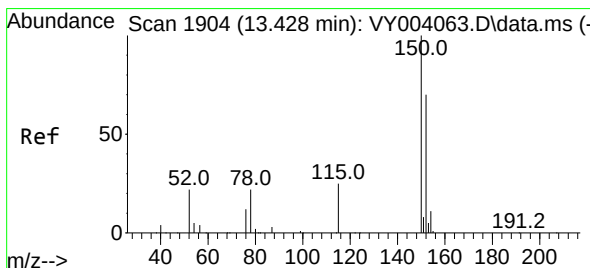
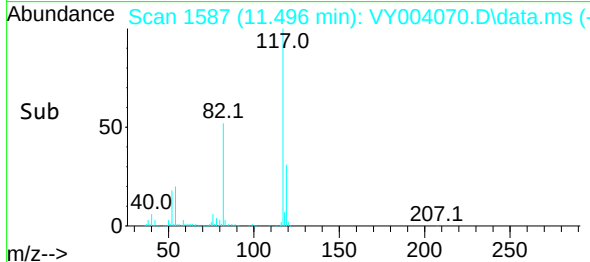
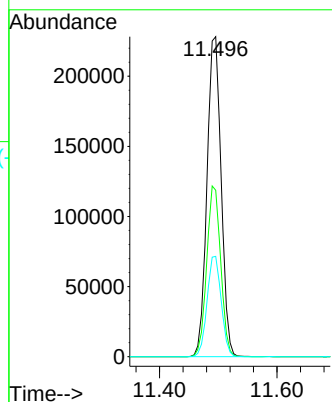
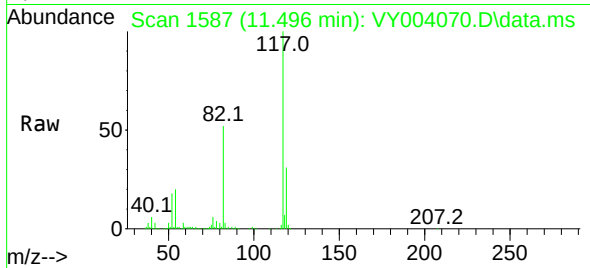




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

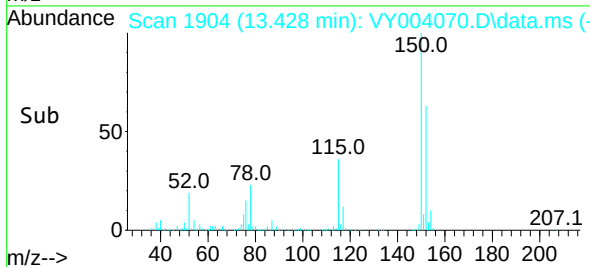
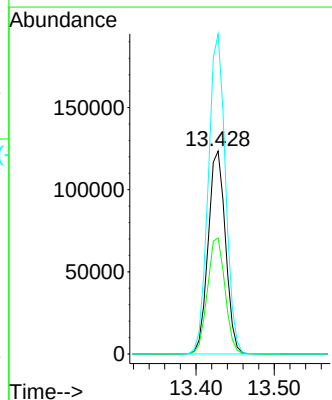
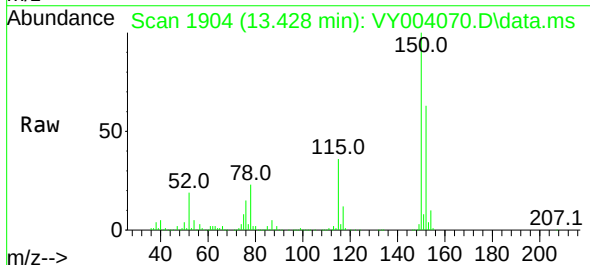
Instrument :
MSVOA_Y
ClientSampleId :

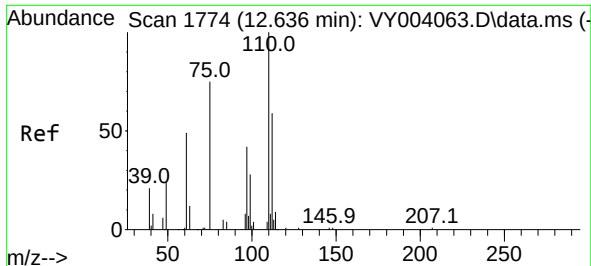
Tgt Ion:117 Resp: 381560
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.6
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Tgt Ion:152 Resp: 189229
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.6
150 156.4 0.0 347.2

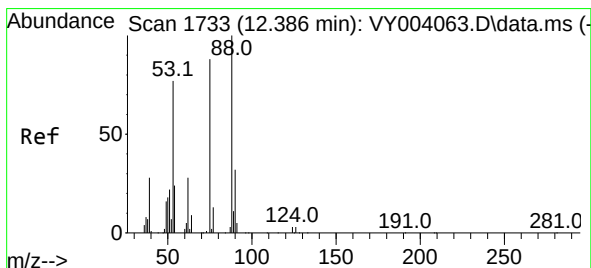
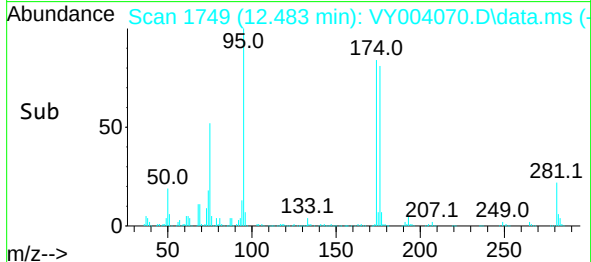
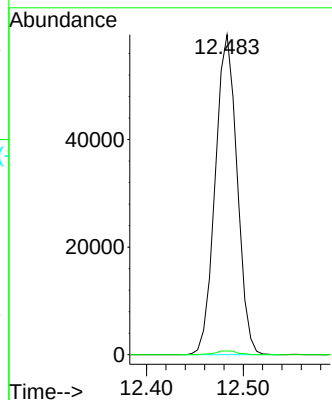
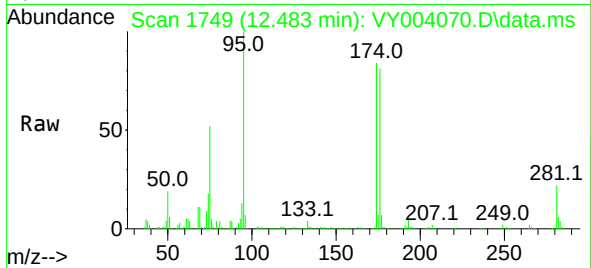




#76
1,2,3-Trichloropropane
Concen: 51.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 93170
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004070.D
Acq: 11 Mar 2021 12:06

Tgt Ion: 75 Resp: 93170
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.4 35.7 53.5#

