

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004198.D
 Acq On : 25 Mar 2021 12:51
 Operator : SY/MD
 Sample : M1817-01
 Misc : 9.71g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-002

Quant Time: Mar 26 01:13:03 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)

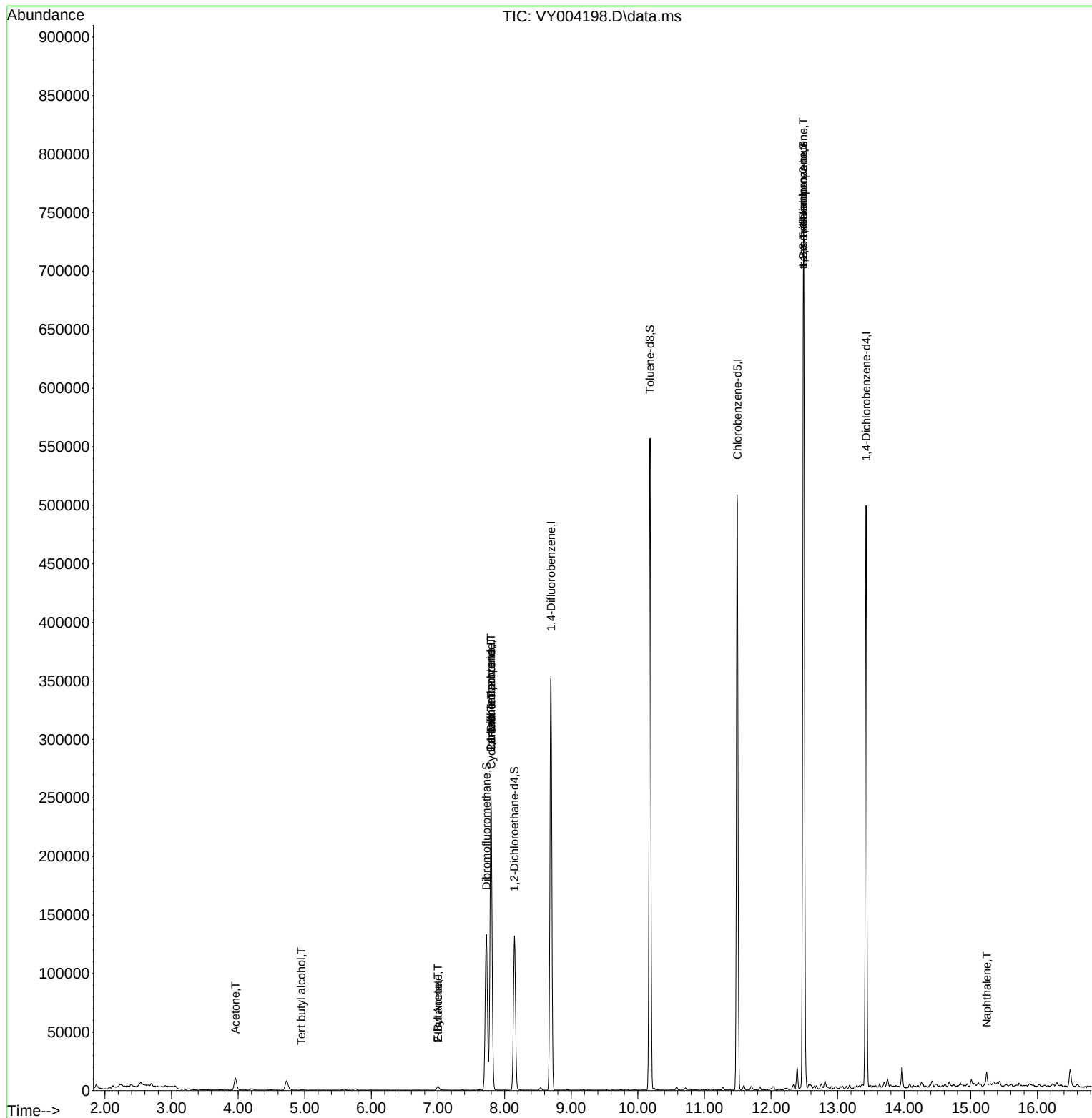
Internal Standards						
1) Pentafluorobenzene	7.795	168	191672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	274254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	102821	54.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.72%			
35) Dibromofluoromethane	7.728	113	93030	53.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.54%			
50) Toluene-d8	10.185	98	360510	52.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.32%			
62) 4-Bromofluorobenzene	12.483	95	123468	48.83	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.66%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	1279	Below Cal		97
11) Tert butyl alcohol	4.948	59	406	2.37 ug/l #		76
16) Acetone	3.960	43	17255	37.79 ug/l		97
20) Methylene Chloride	4.722	84	5846	Below Cal		91
25) 2-Butanone	6.996	43	5369	8.16 ug/l		98
31) Cyclohexane	7.801	56	4194	1.26 ug/l #		28
36) 1,1-Dichloropropene	7.795	75	13906	5.11 ug/l #		51
37) Ethyl Acetate	6.996	43	5369	3.66 ug/l #		70
38) Carbon Tetrachloride	7.795	117	18564	6.43 ug/l #		16
76) 1,2,3-Trichloropropane	12.483	75	68560	57.02 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	68560	112.54 ug/l #		14
95) Naphthalene	15.239	128	8839	1.91 ug/l #		95

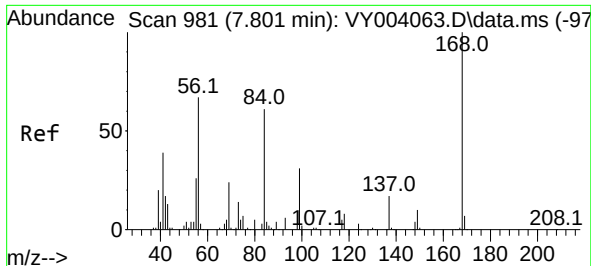
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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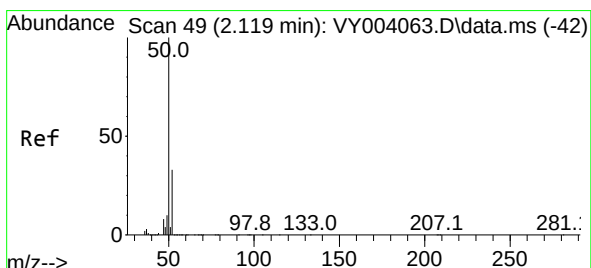
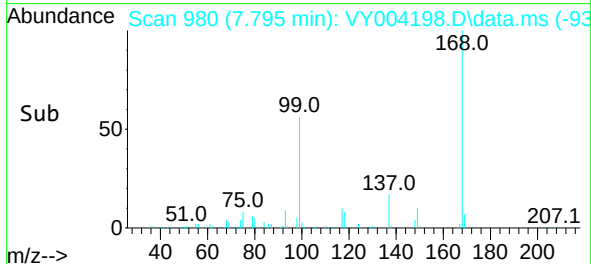
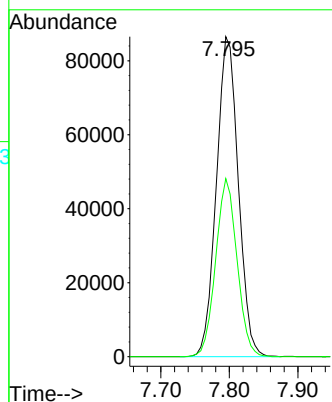
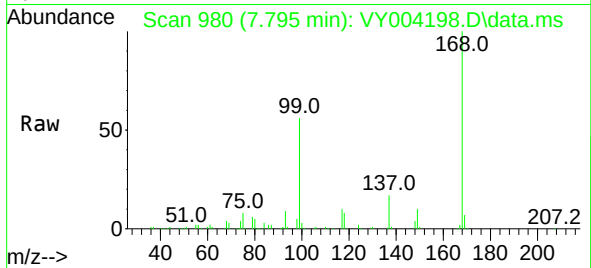




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

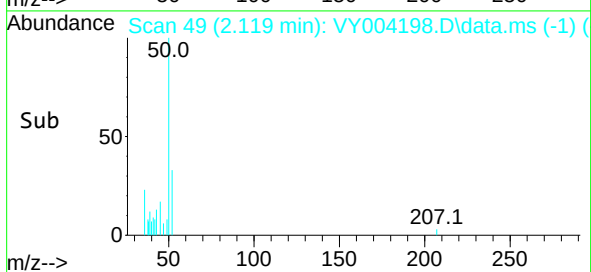
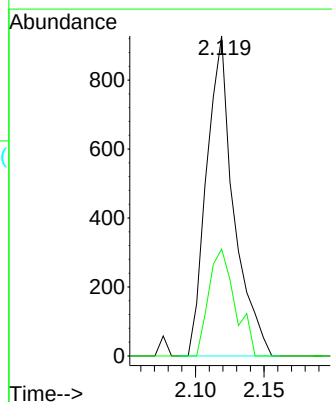
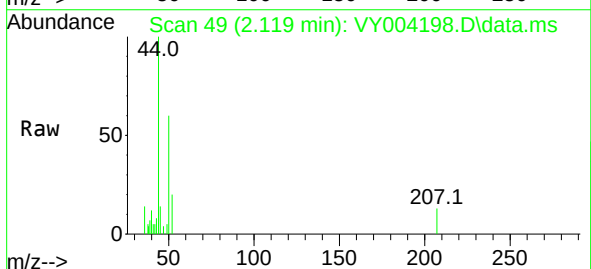
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

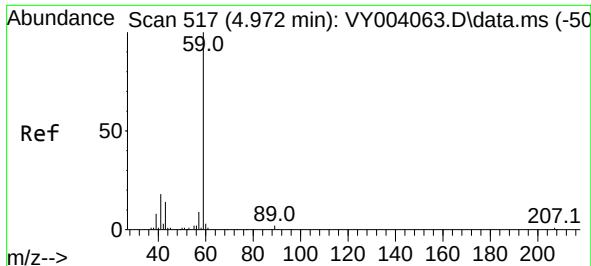
Tgt Ion:168 Resp: 191672
Ion Ratio Lower Upper
168 100
99 55.7 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 50 Resp: 1279
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

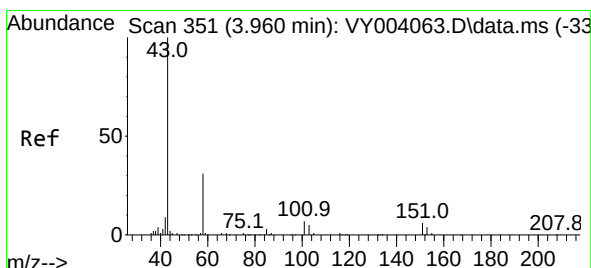
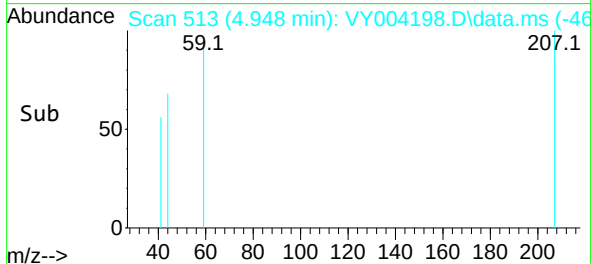
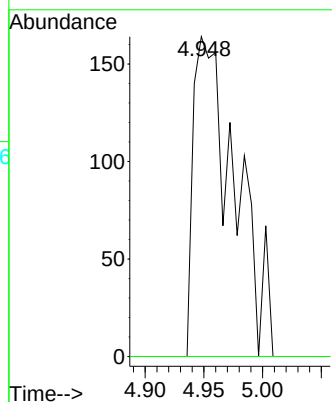
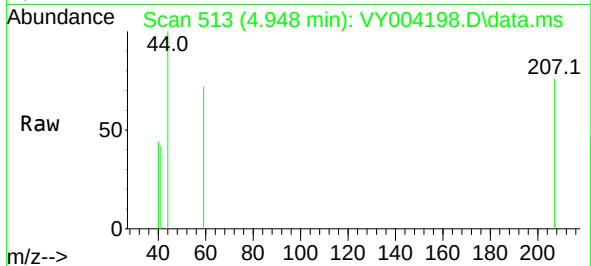




#11
Tert butyl alcohol
Concen: 2.37 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

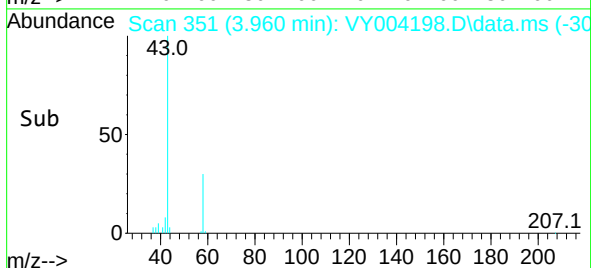
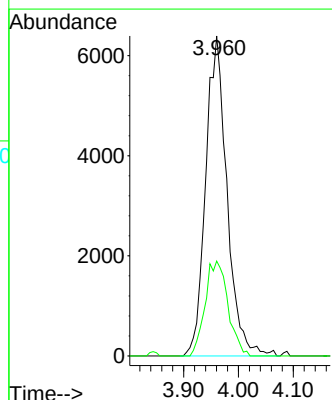
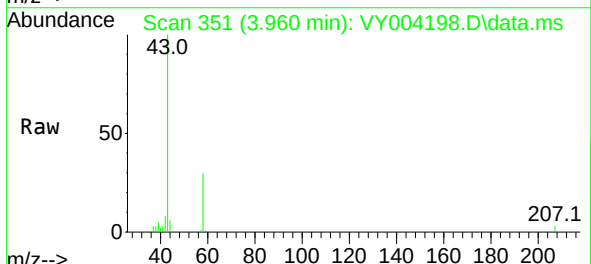
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

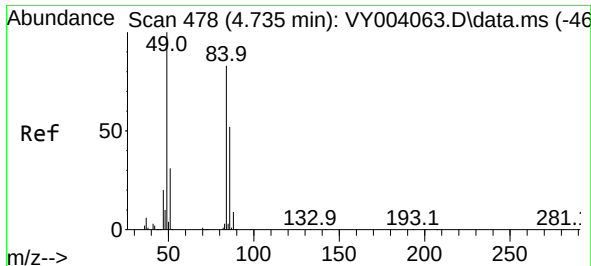
Tgt Ion: 59 Resp: 406
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 37.79 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 43 Resp: 17255
Ion Ratio Lower Upper
43 100
58 29.7 22.6 34.0

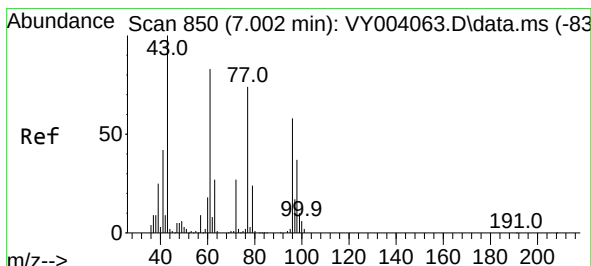
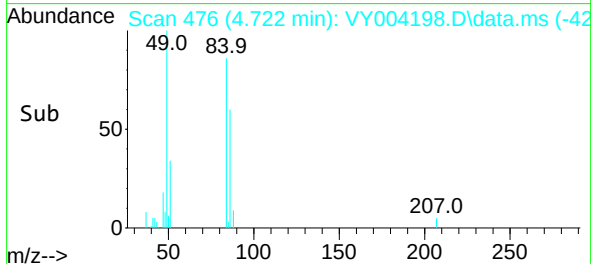
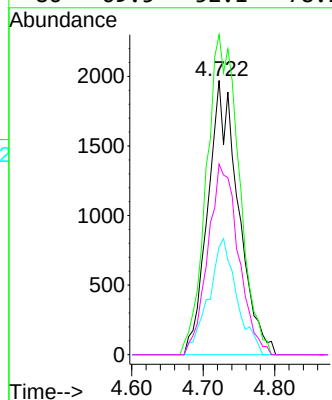
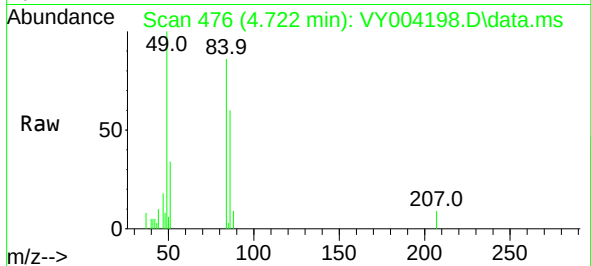




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

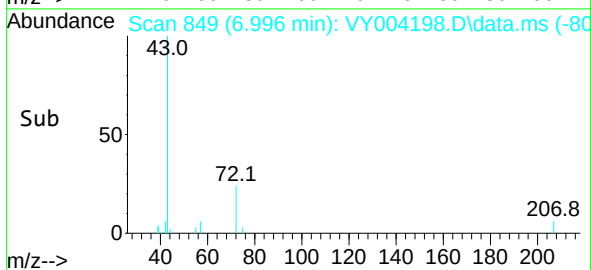
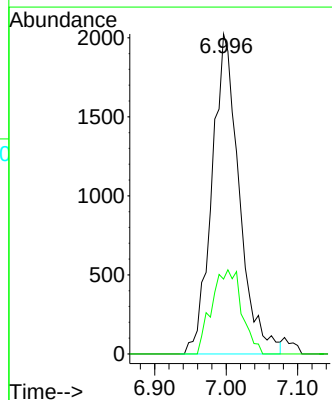
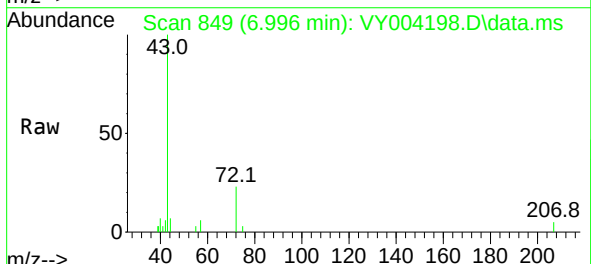
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

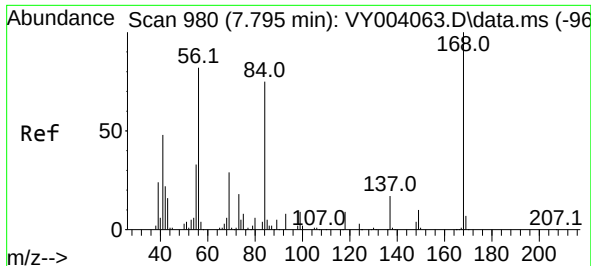
Tgt Ion:	84	Resp:	5846
Ion	Ratio	Lower	Upper
84	100		
49	116.7	105.8	158.6
51	39.3	32.6	48.8
86	69.5	52.1	78.1



#25
2-Butanone
Concen: 8.16 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

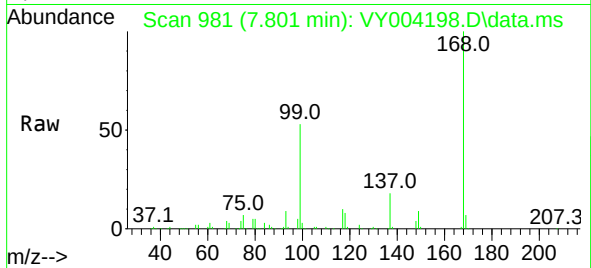
Tgt Ion:	43	Resp:	5369
Ion	Ratio	Lower	Upper
43	100		
72	23.4	19.4	29.0



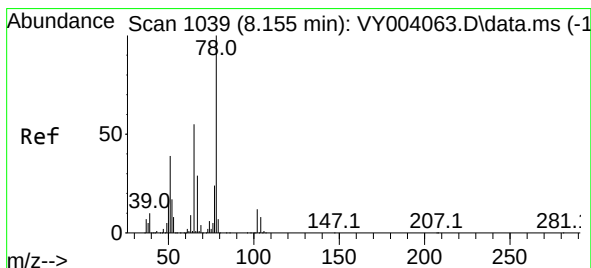
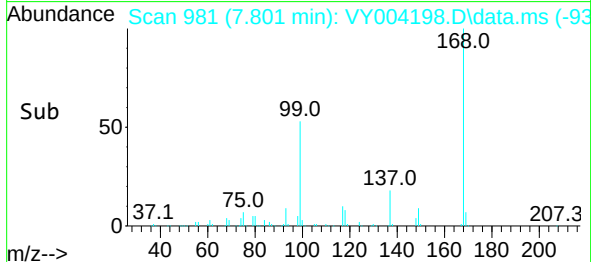
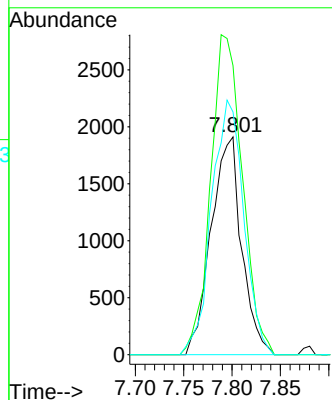


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004198.D
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Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

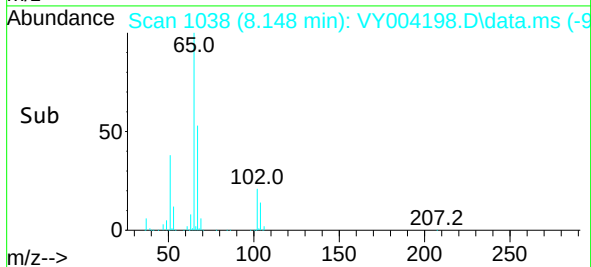
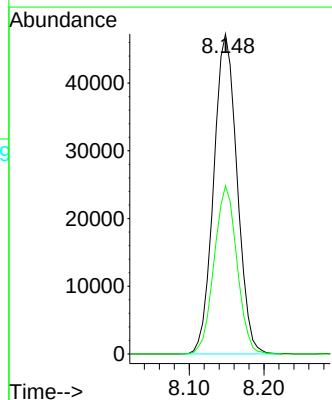
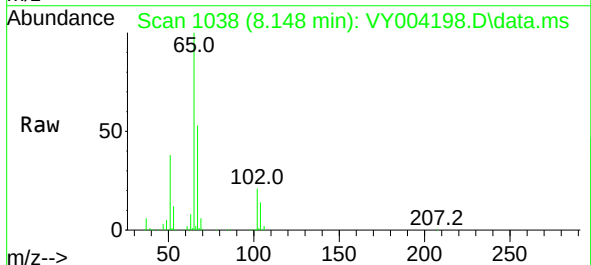


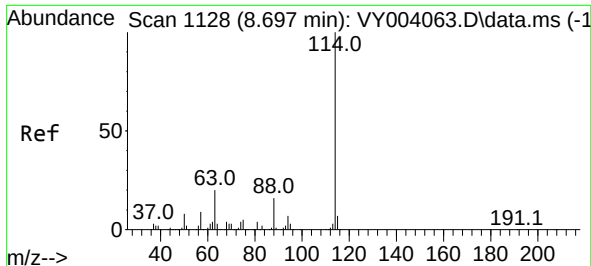
Tgt Ion: 56 Resp: 4194
Ion Ratio Lower Upper
56 100
69 132.8 25.3 37.9#
84 111.5 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 54.36 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 65 Resp: 102821
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

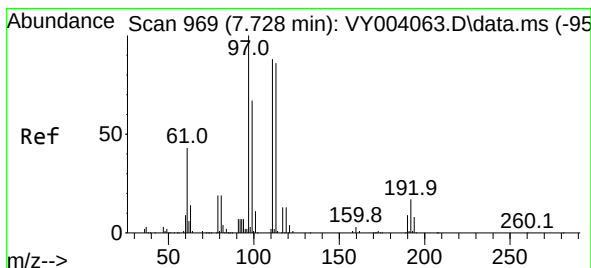
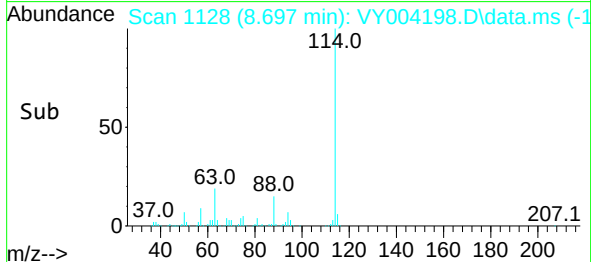
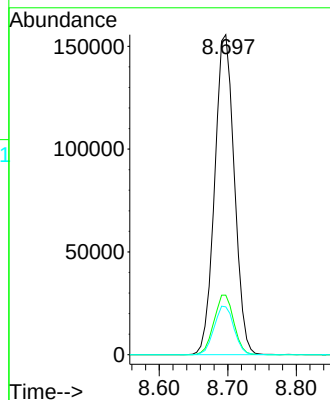
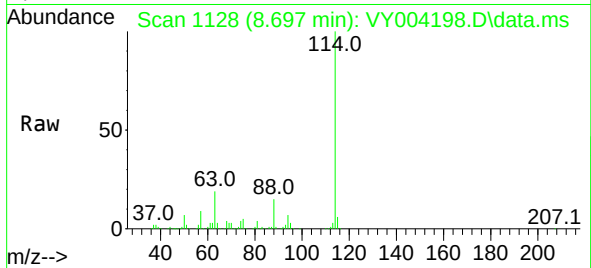




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

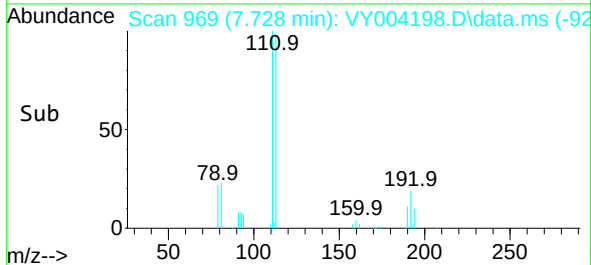
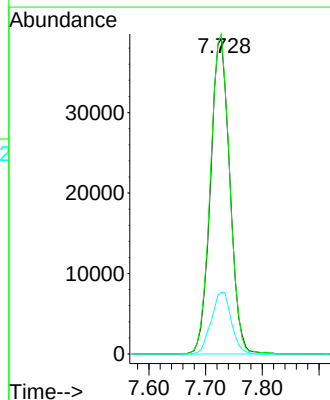
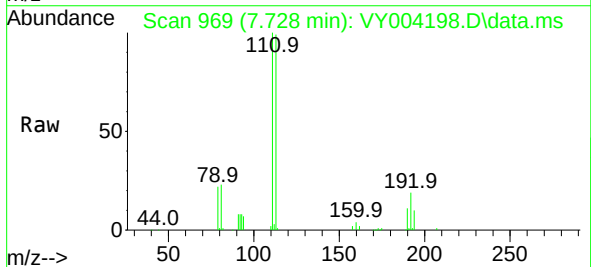
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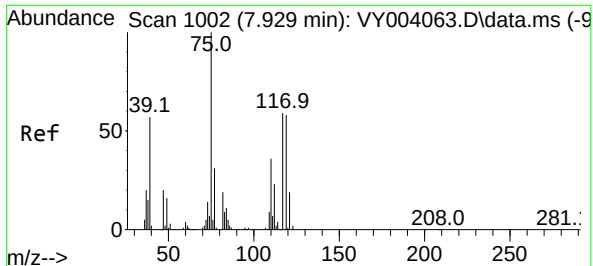
Tgt Ion:	114	Resp:	309675
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	41.6
88	14.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion:	113	Resp:	93030
Ion Ratio	Lower	Upper	
113	100		
111	101.2	83.2	124.8
192	20.2	18.5	27.7

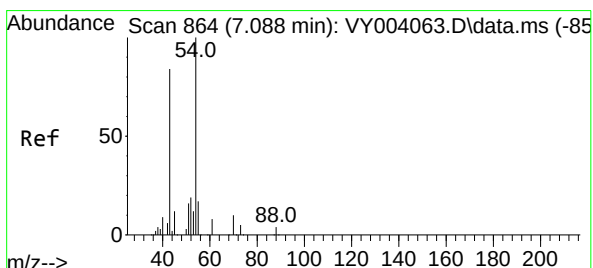
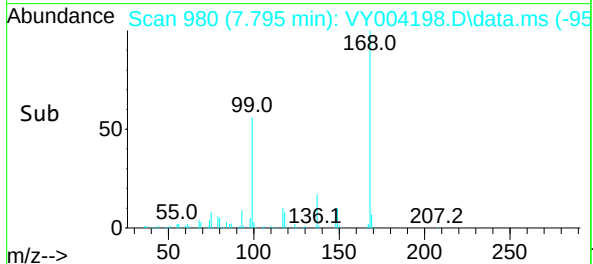
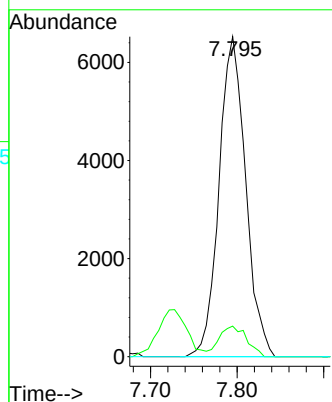
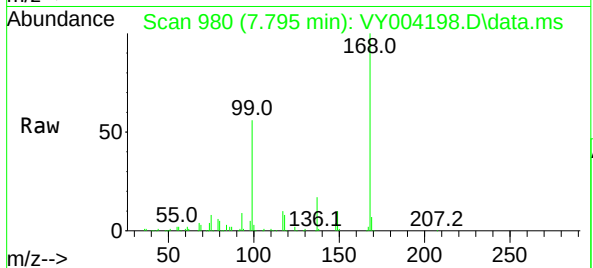




#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

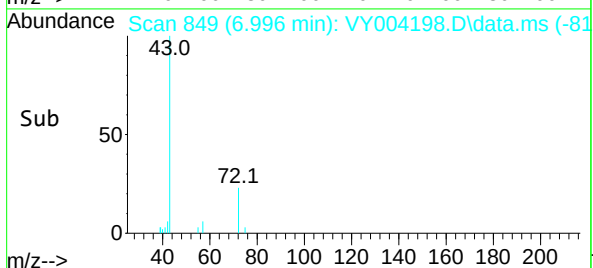
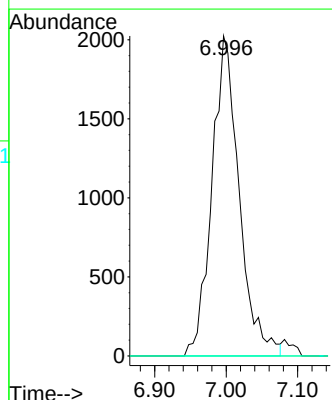
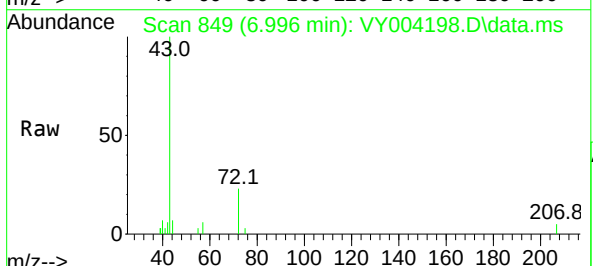
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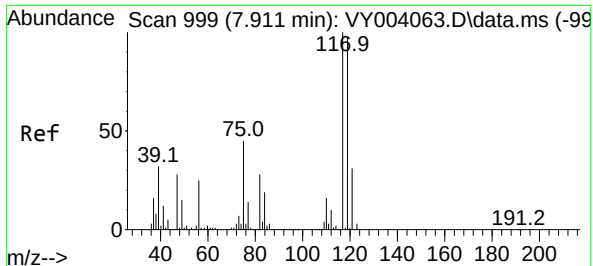
Tgt Ion: 75 Resp: 13906
Ion Ratio Lower Upper
75 100
110 9.9 17.4 52.3#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 3.66 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

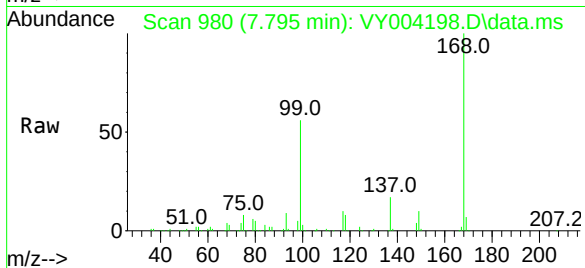
Tgt Ion: 43 Resp: 5369
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.7 11.5#



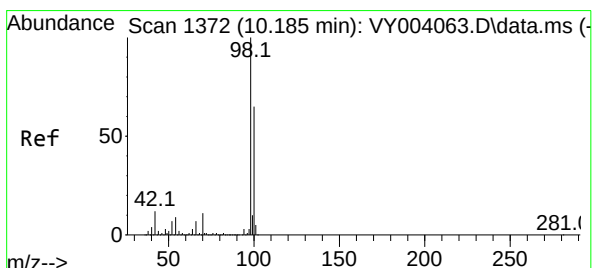
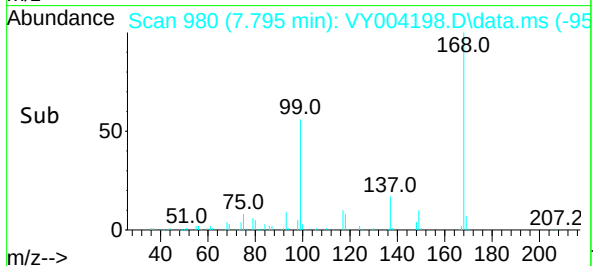
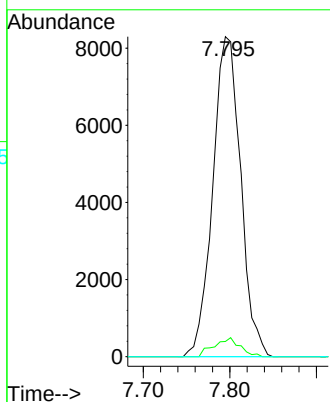


#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

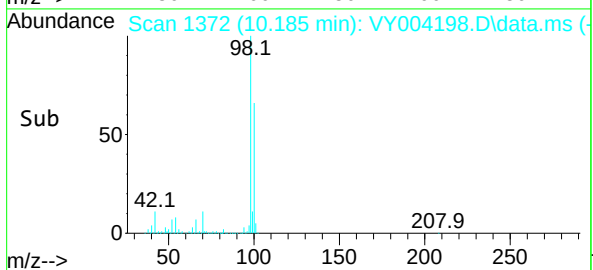
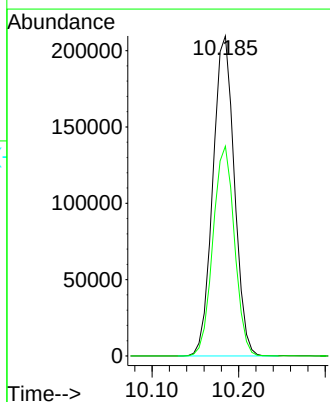
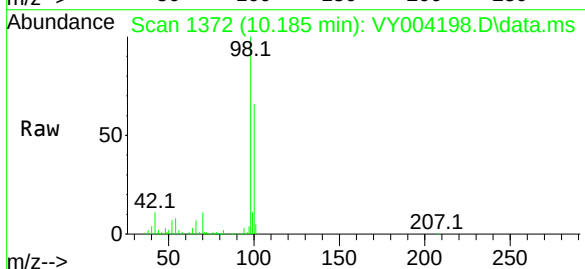


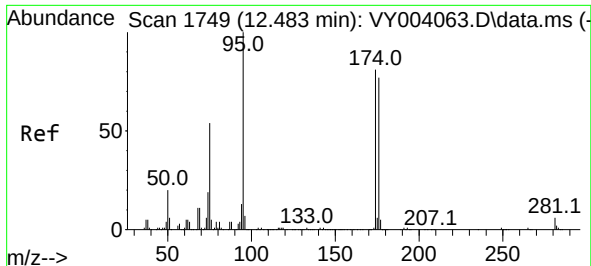
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.0#
121	0.0	24.2	36.2#



#50
Toluene-d8
Concen: 52.66 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.6

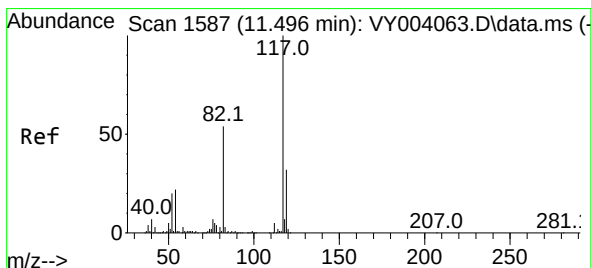
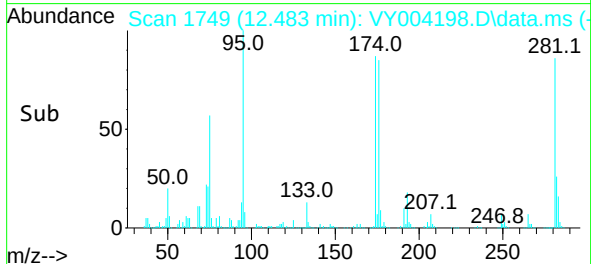
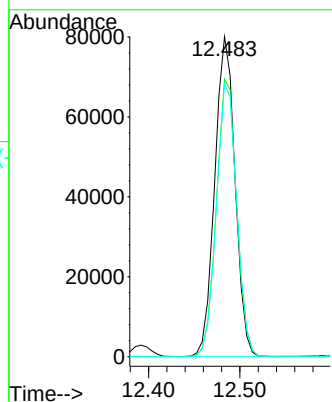
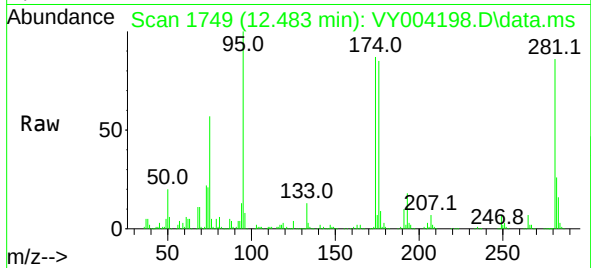




#62
4-Bromofluorobenzene
Concen: 48.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

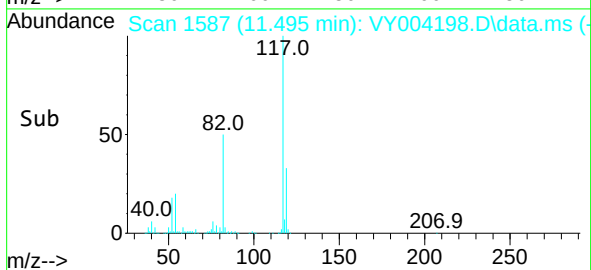
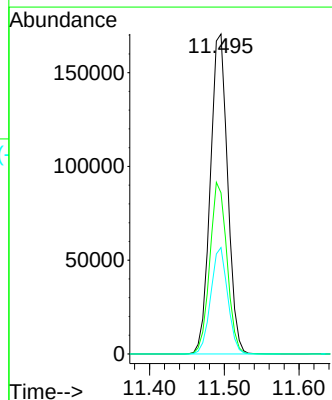
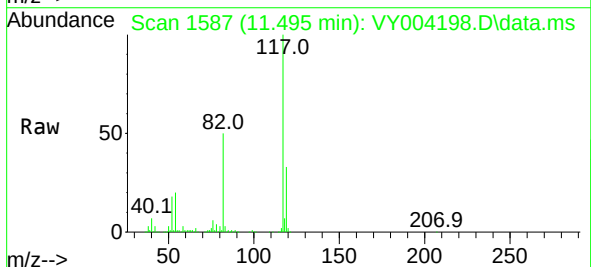
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

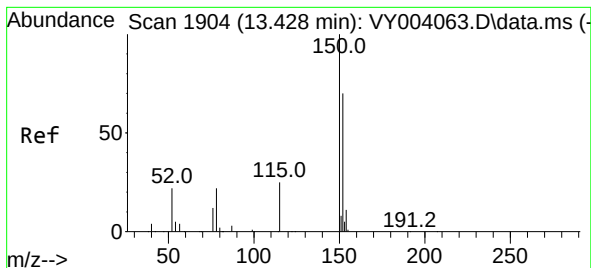
Tgt Ion: 95 Resp: 123468
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 85.6 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 117 Resp: 274254
Ion Ratio Lower Upper
117 100
82 50.4 43.8 65.6
119 33.3 26.2 39.2

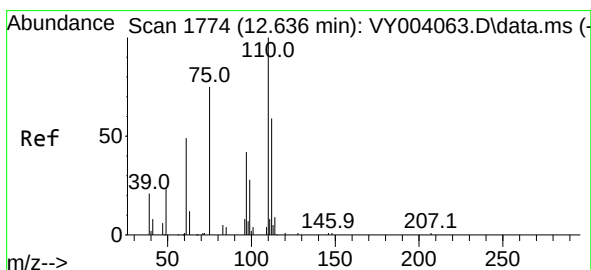
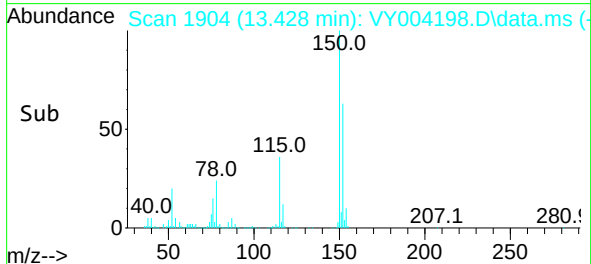
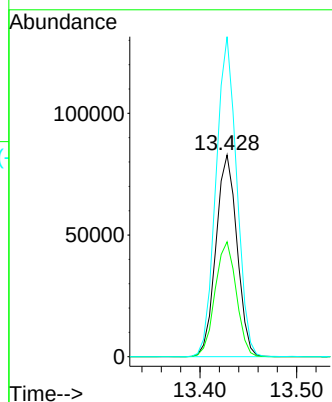
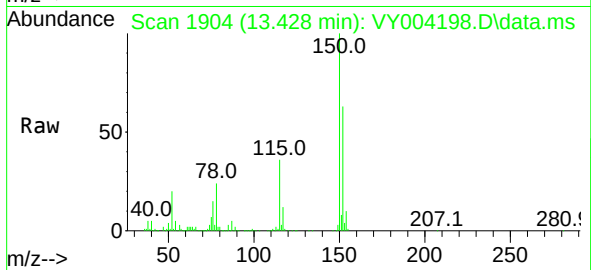




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

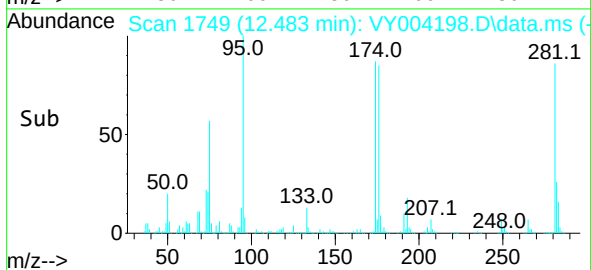
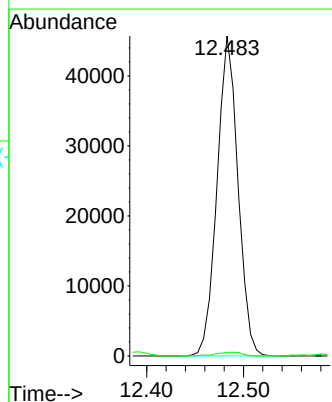
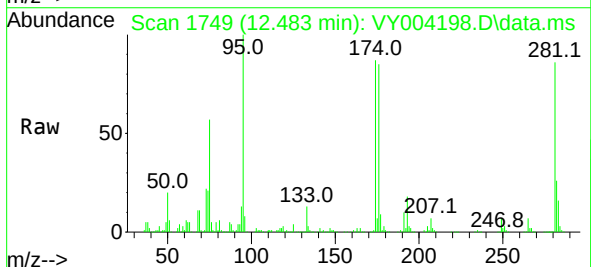
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

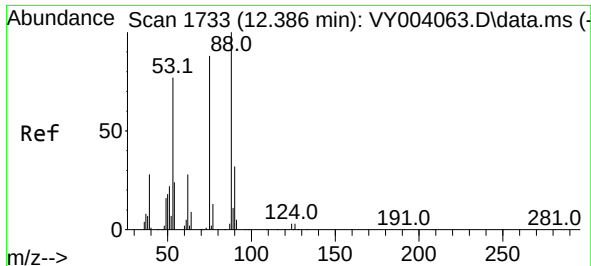
Tgt Ion:152 Resp: 125397
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.6
150 156.1 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 57.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

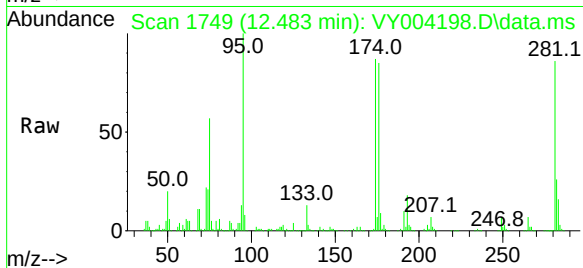
Tgt Ion: 75 Resp: 68560
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



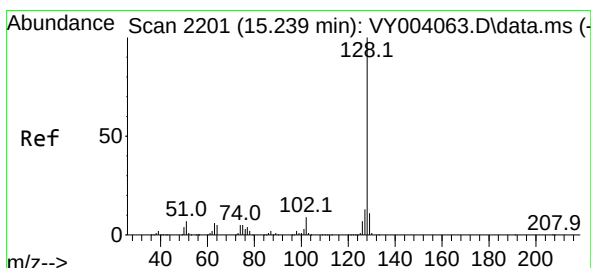
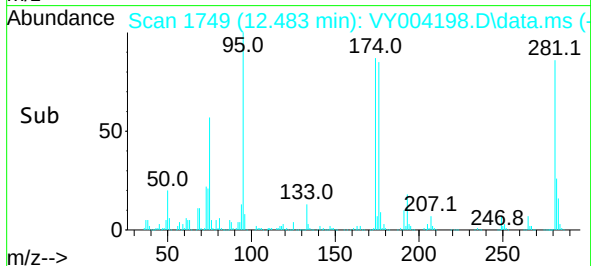
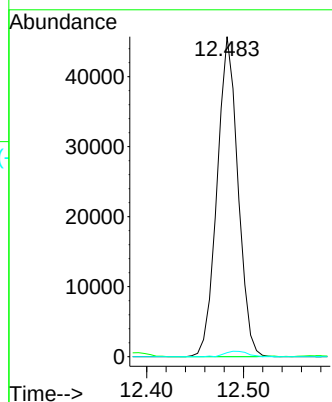


#81
trans-1,4-Dichloro-2-butene
Concen: 112.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002



Tgt Ion: 75 Resp: 68560
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 1.9 35.7 53.5#



#95
Naphthalene
Concen: 1.91 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 128 Resp: 8839
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 13.6 8.7 13.1#

