

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004911.D
 Acq On : 27 May 2021 19:54
 Operator : SY/MD
 Sample : M2531-01
 Misc : 1.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-052621

Quant Time: May 28 01:07:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

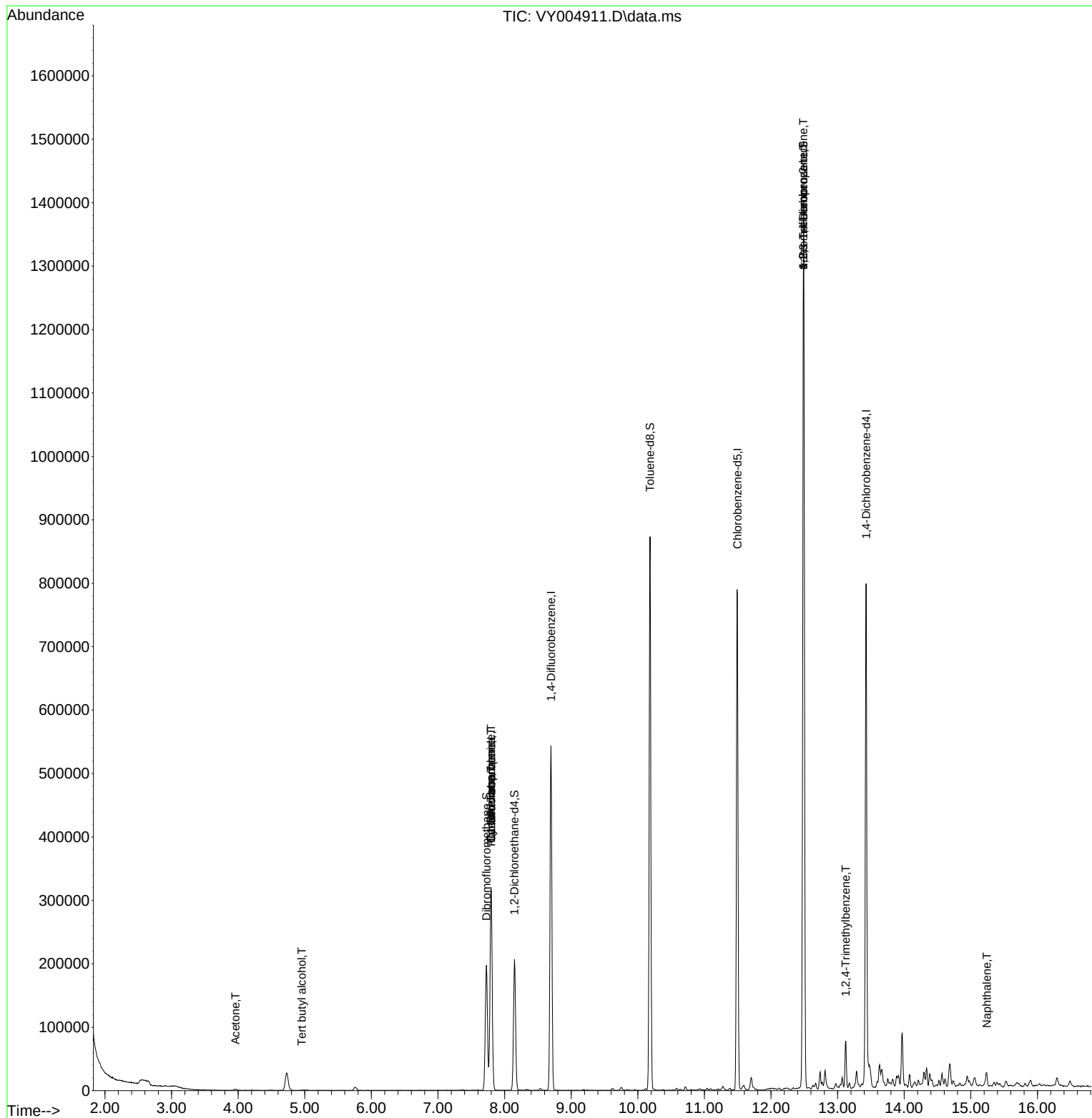
Internal Standards						
1) Pentafluorobenzene	7.801	168	246706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	454790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	429162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	193622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	157770	53.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.46%			
35) Dibromofluoromethane	7.728	113	138598	55.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.34%			
50) Toluene-d8	10.185	98	559525	49.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.50%			
62) 4-Bromofluorobenzene	12.483	95	195974	51.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	422	1.43	ug/l #	71
16) Acetone	3.960	43	2883	4.37	ug/l #	79
20) Methylene Chloride	4.728	84	20727	Below Cal		87
31) Cyclohexane	7.795	56	5573	1.17	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	20006	4.29	ug/l #	51
38) Carbon Tetrachloride	7.795	117	24716	5.90	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	109187	53.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109187	92.06	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.123	105	39290	3.24	ug/l	98
95) Naphthalene	15.239	128	15795	1.99	ug/l	97

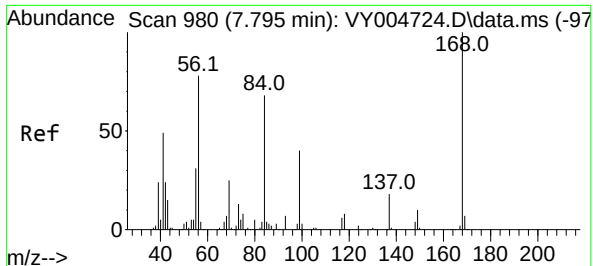
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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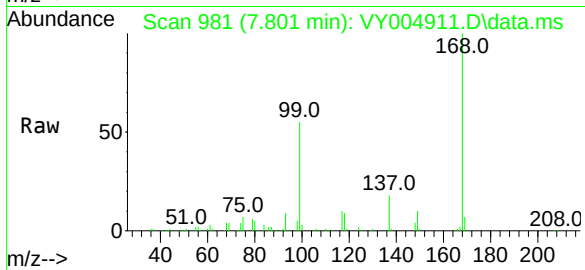
Quant Time: May 28 01:07:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
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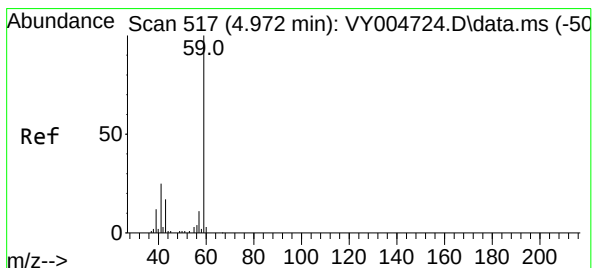
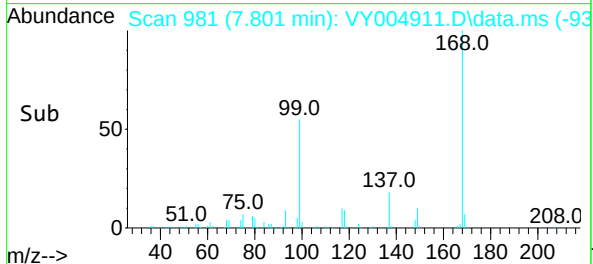
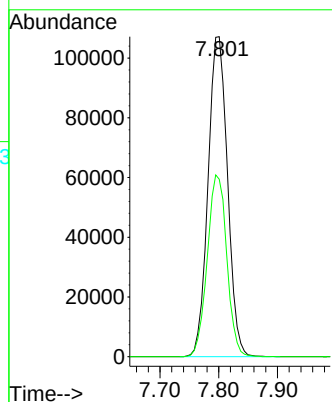


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

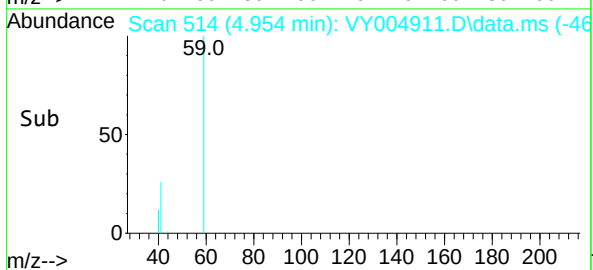
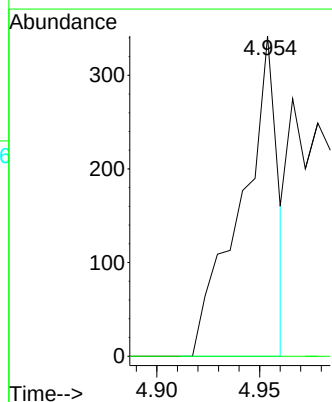
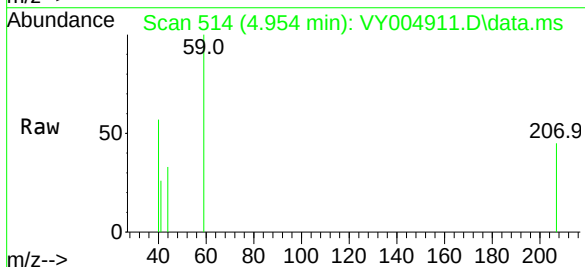


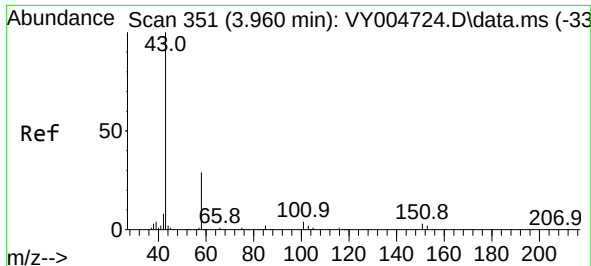
Tgt Ion:168 Resp: 246706
Ion Ratio Lower Upper
168 100
99 55.4 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.43 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

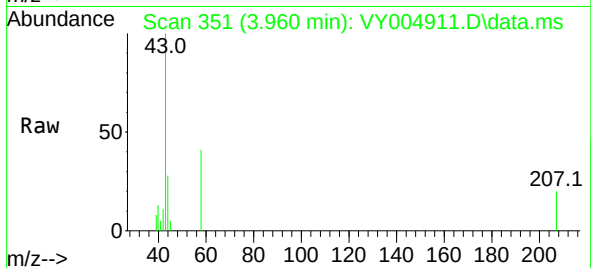
Tgt Ion: 59 Resp: 422
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



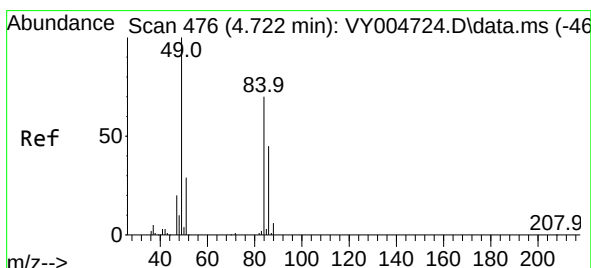
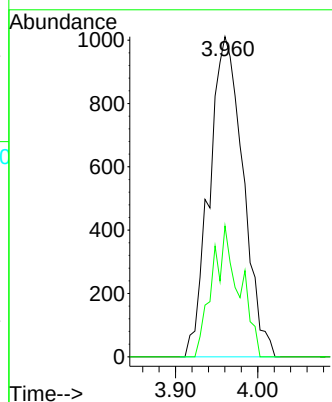
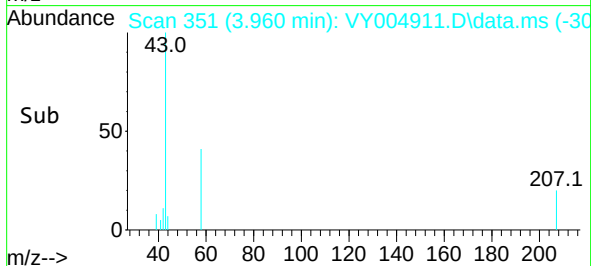


#16
Acetone
Concen: 4.37 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

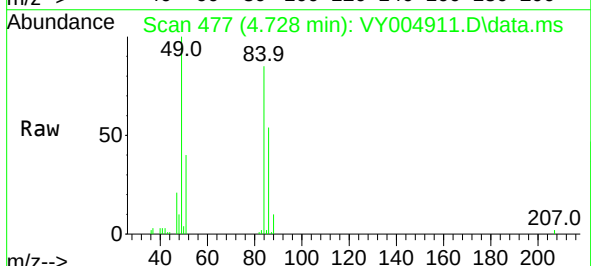
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621



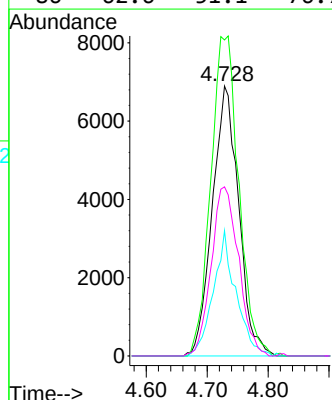
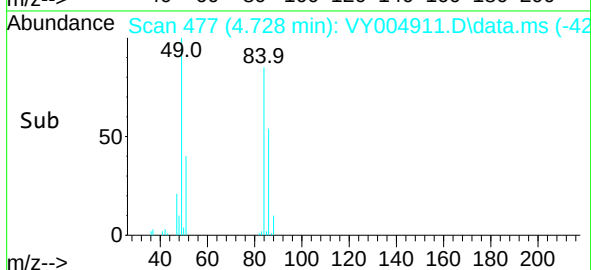
Tgt Ion: 43 Resp: 2883
Ion Ratio Lower Upper
43 100
58 40.9 23.6 35.4#

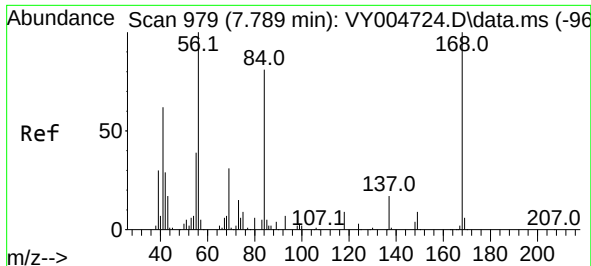


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54



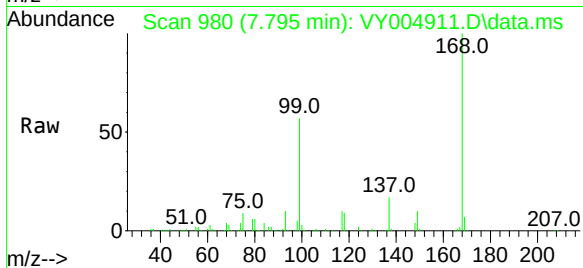
Tgt Ion: 84 Resp: 20727
Ion Ratio Lower Upper
84 100
49 117.1 113.8 170.8
51 46.4 33.5 50.3
86 62.6 51.1 76.7



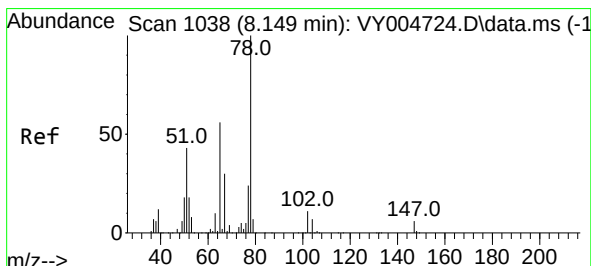
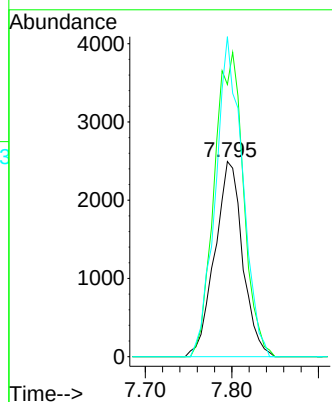
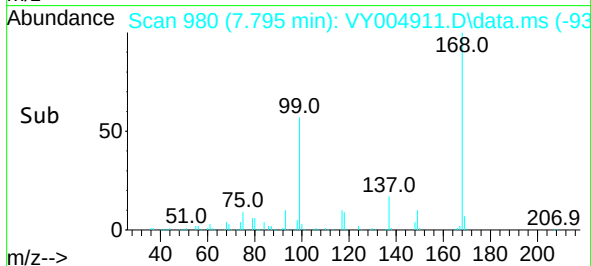


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

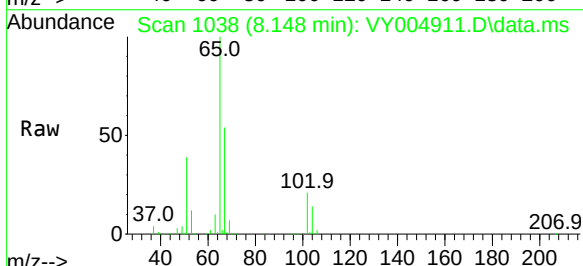
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621



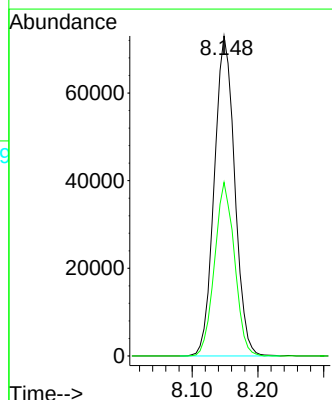
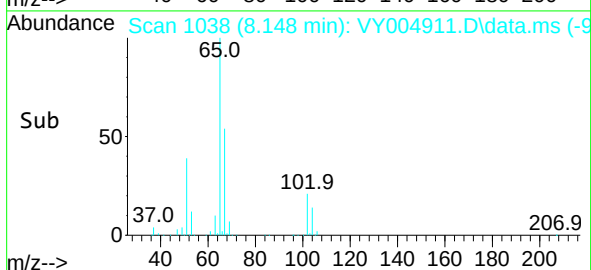
Tgt Ion: 56 Resp: 5573
Ion Ratio Lower Upper
56 100
69 139.5 24.4 36.6#
84 164.0 64.8 97.2#

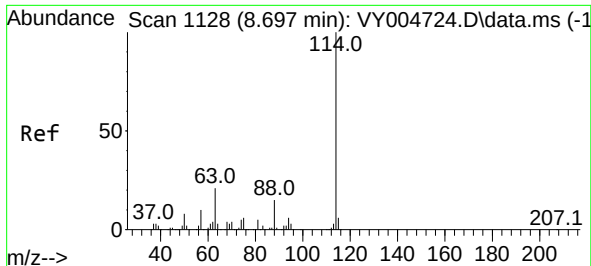


#33
1,2-Dichloroethane-d4
Concen: 53.73 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54



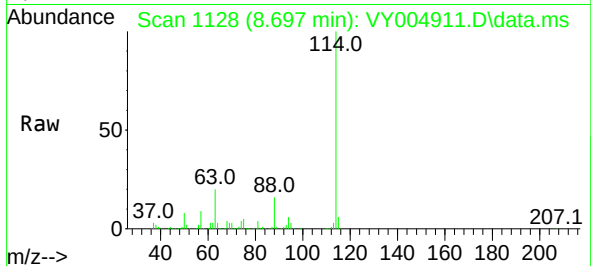
Tgt Ion: 65 Resp: 157770
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0



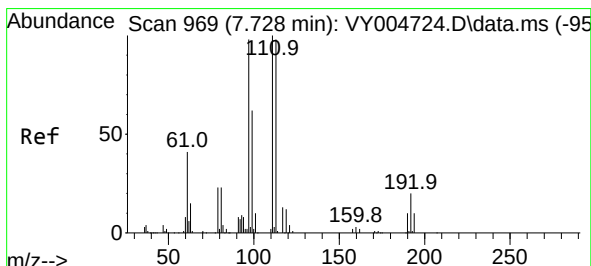
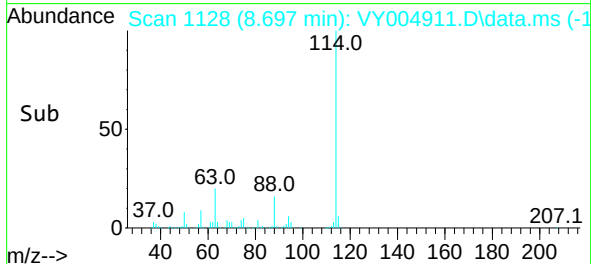
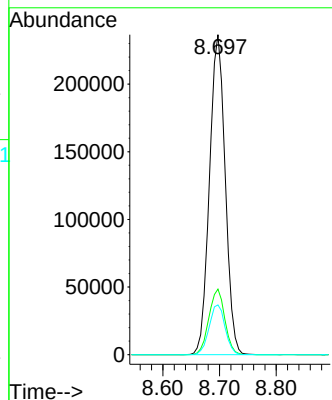


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004911.D
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Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

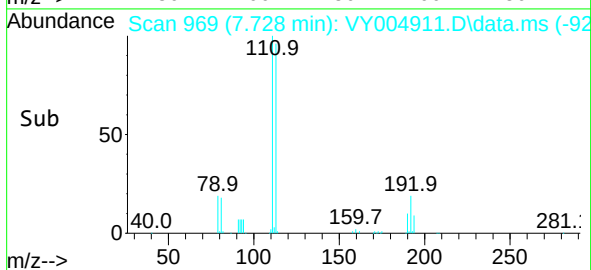
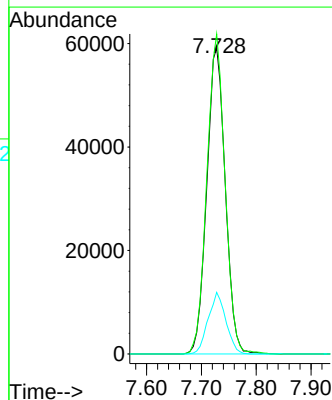
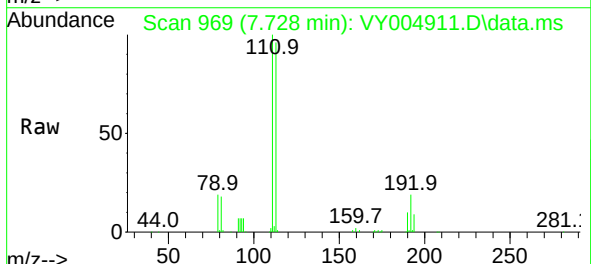


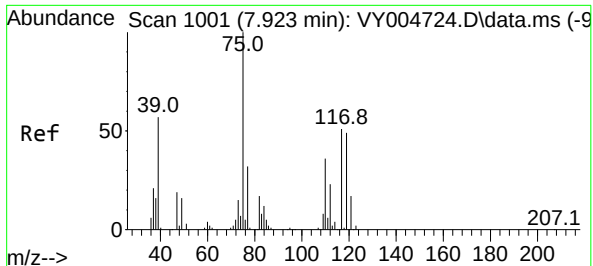
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.8
88	15.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 55.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

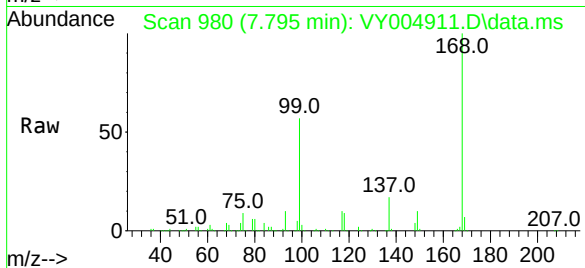
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.5	120.7
192	19.3	15.0	22.6



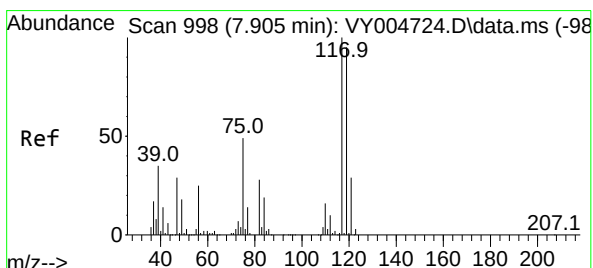
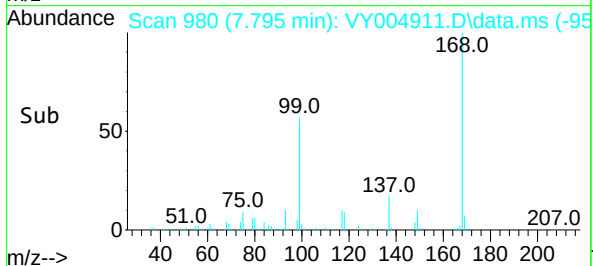
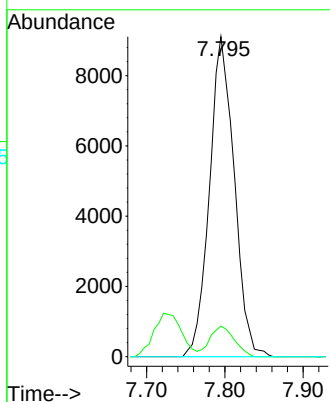


#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Instrument :
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SU-04-052621

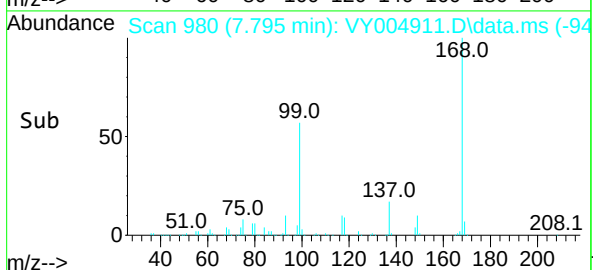
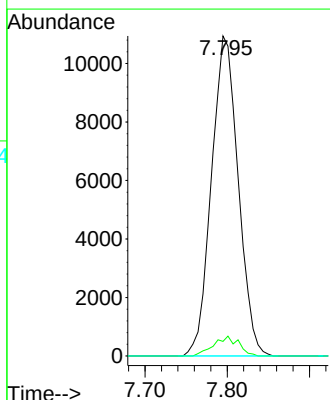
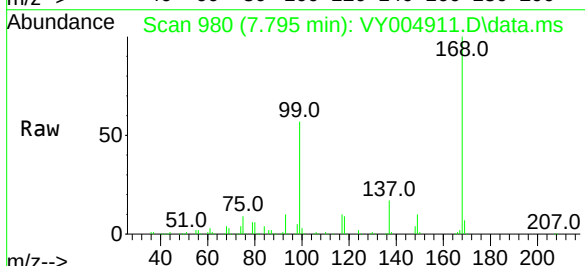


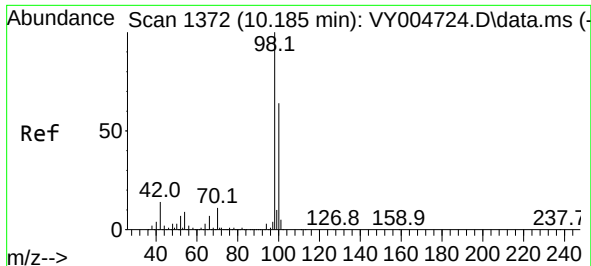
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.3	114.5#
121	0.0	23.0	34.6#

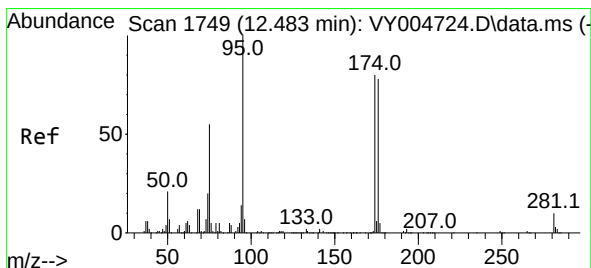
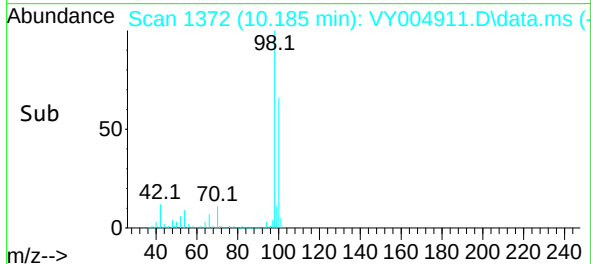
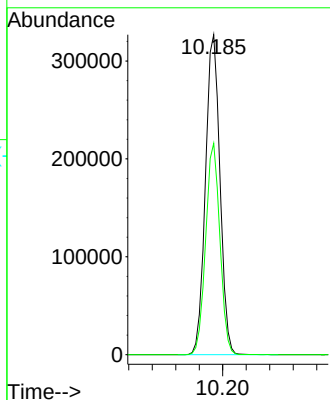
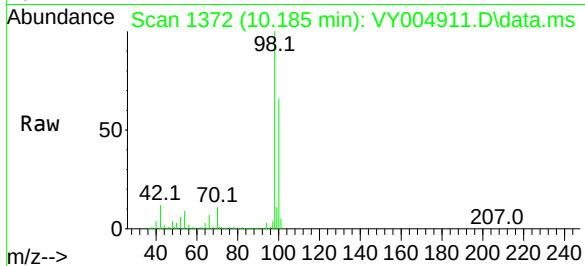




#50
Toluene-d8
Concen: 49.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

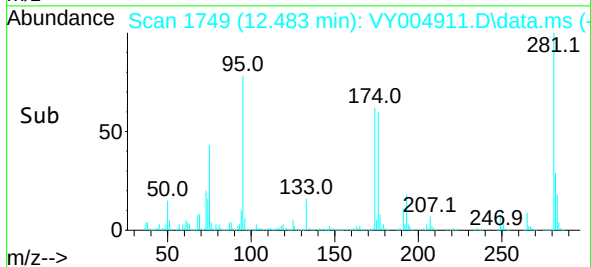
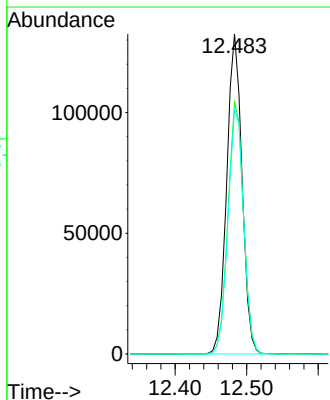
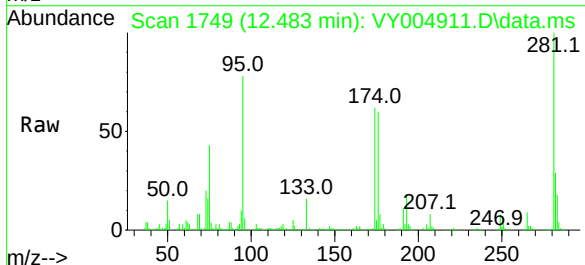
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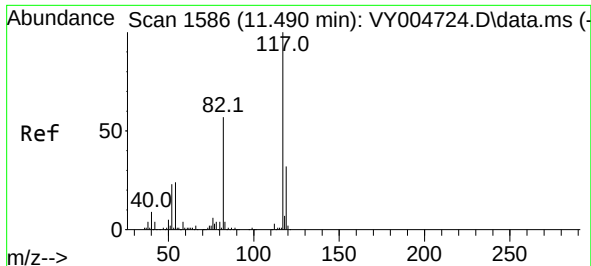
Tgt Ion: 98 Resp: 559525
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion: 95 Resp: 195974
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.2
176 78.9 0.0 159.0

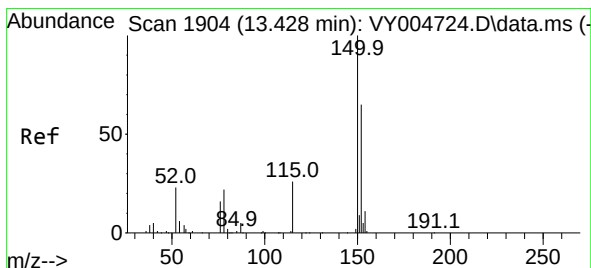
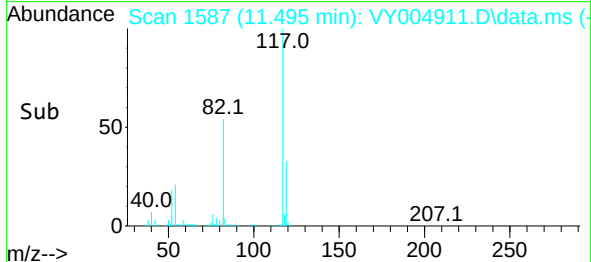
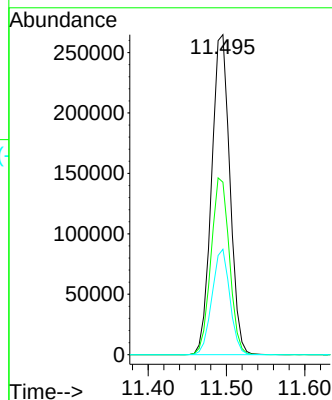
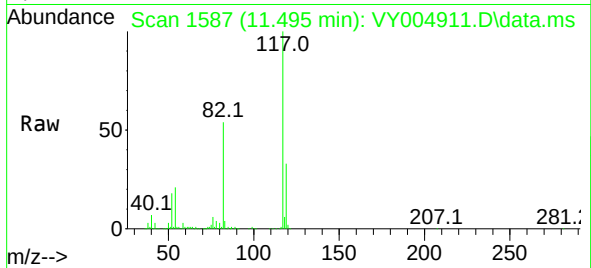




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

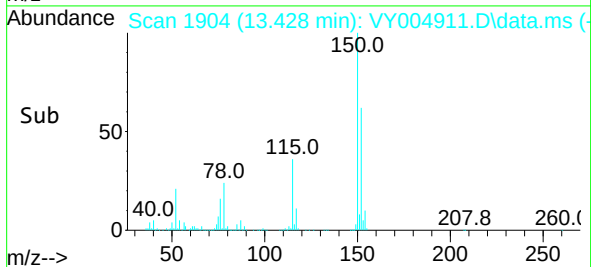
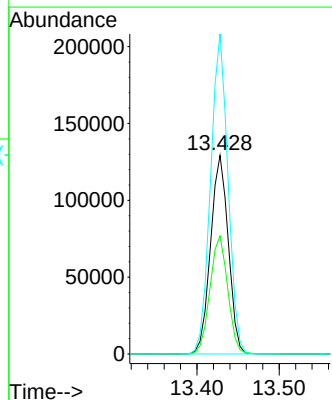
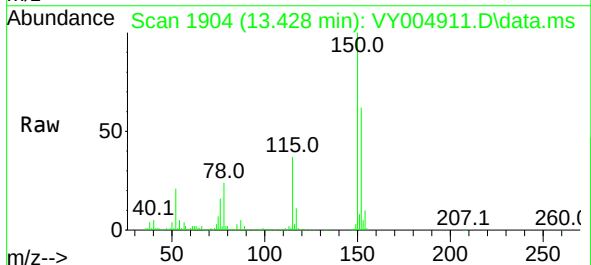
Instrument :
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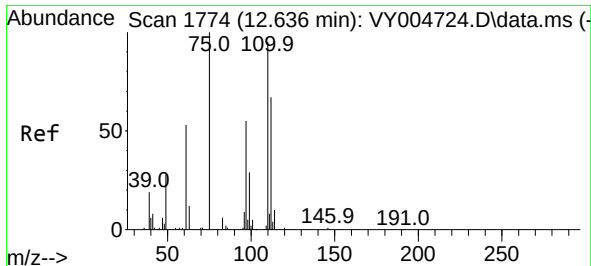
Tgt Ion:117 Resp: 429162
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.2
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion:152 Resp: 193622
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 157.8 0.0 349.8

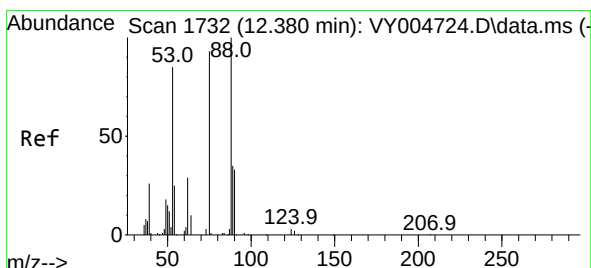
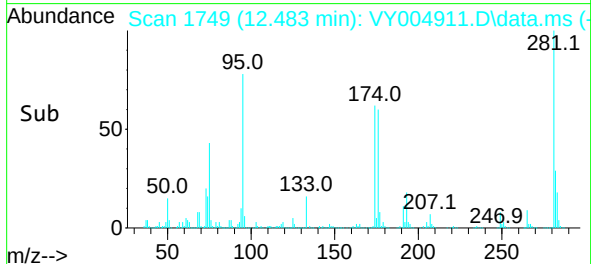
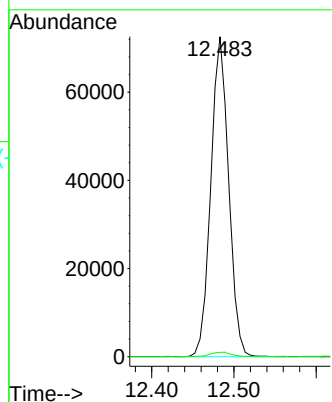
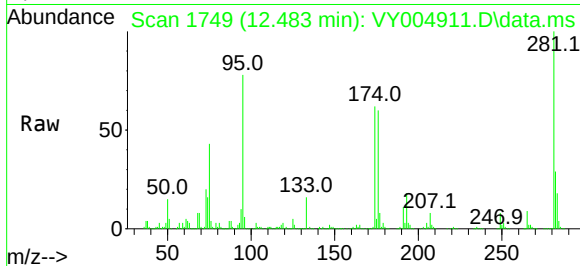




#76
1,2,3-Trichloropropane
Concen: 53.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

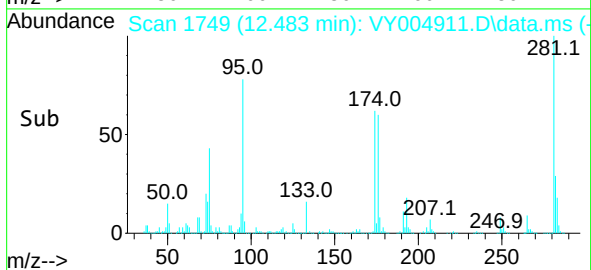
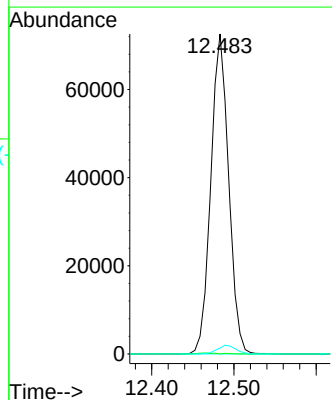
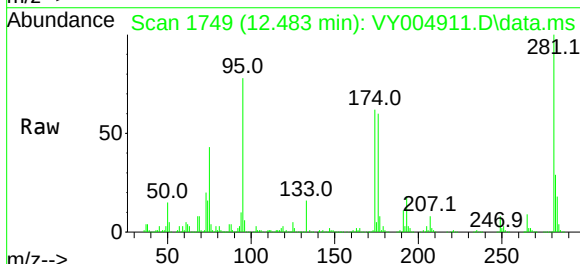
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

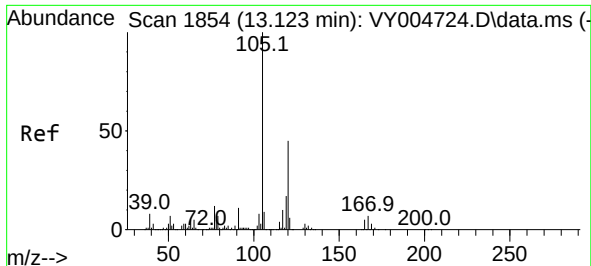
Tgt Ion: 75 Resp: 109187
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion: 75 Resp: 109187
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 2.8 35.5 53.3#

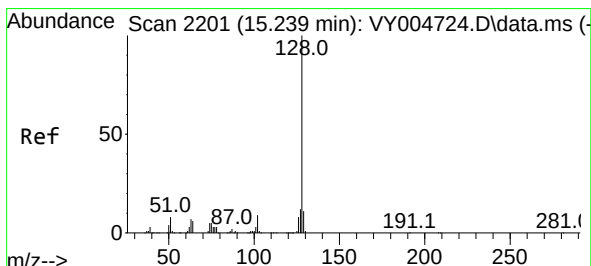
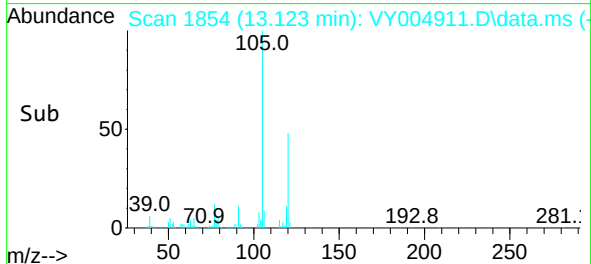
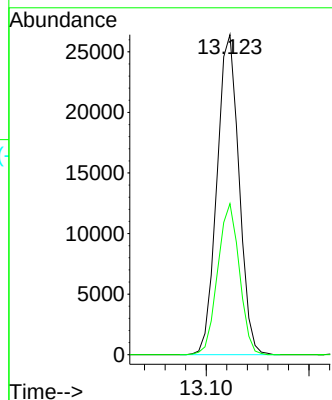
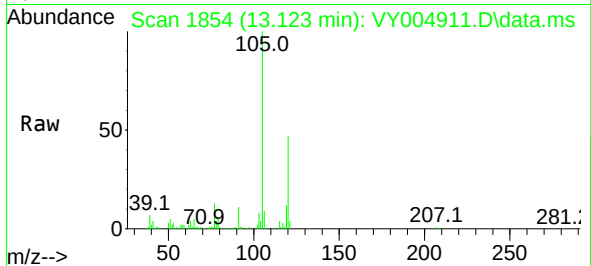




#84
1,2,4-Trimethylbenzene
Concen: 3.24 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

Tgt Ion:105 Resp: 39290
Ion Ratio Lower Upper
105 100
120 46.4 22.5 67.5



#95
Naphthalene
Concen: 1.99 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion:128 Resp: 15795
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.9 8.6 13.0

