

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005124.D
 Acq On : 11 Jun 2021 15:07
 Operator : SY/MD
 Sample : M2678-07
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0241-AMND-COMP-F(CL-05)

Quant Time: Jun 12 00:36:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

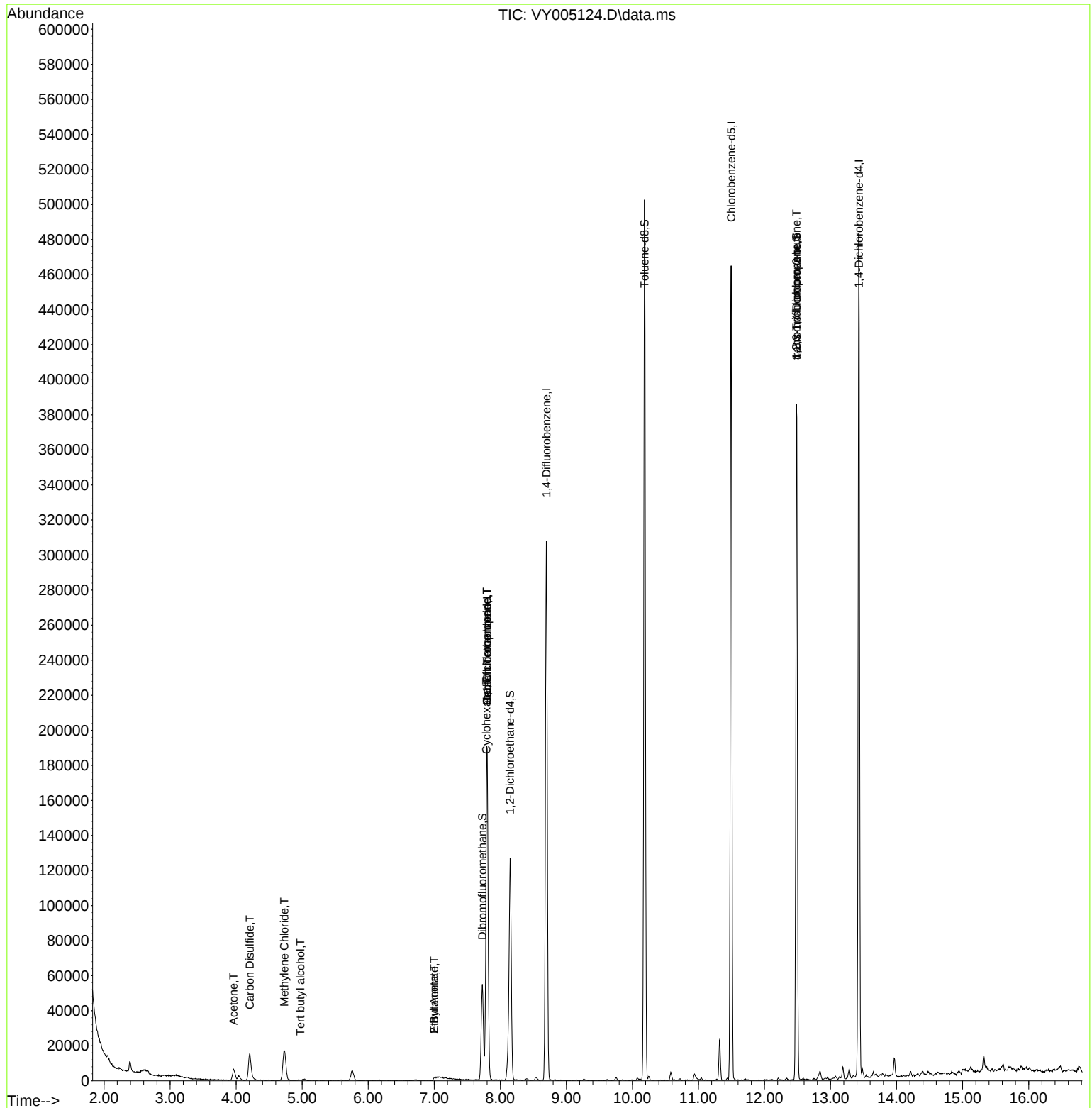
Internal Standards						
1) Pentafluorobenzene	7.801	168	148176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	265788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	258836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94406	60.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	120.54%		
35) Dibromofluoromethane	7.728	113	37594	26.29	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	52.58%#		
50) Toluene-d8	10.185	98	325033	54.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.46%		
62) 4-Bromofluorobenzene	12.483	95	109119	53.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.84%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	455	2.53	ug/l #	74
13) Acrolein	3.735	56	23	Below Cal	#	15
16) Acetone	3.960	43	11475	30.43	ug/l	90
17) Carbon Disulfide	4.204	76	29145	6.22	ug/l	96
20) Methylene Chloride	4.728	84	13785	1.89	ug/l	89
25) 2-Butanone	6.996	43	2314	3.65	ug/l	99
31) Cyclohexane	7.789	56	3021	1.10	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	11842	4.55	ug/l #	51
37) Ethyl Acetate	6.996	43	2314	1.35	ug/l #	70
38) Carbon Tetrachloride	7.801	117	14649	6.47	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	59419	44.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59419	81.85	ug/l #	15

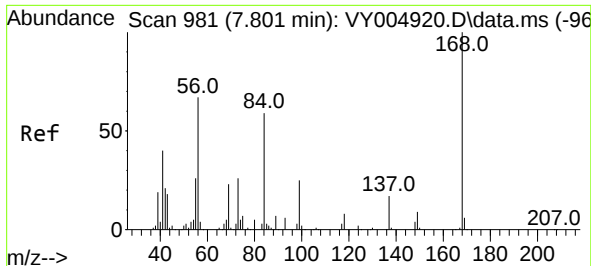
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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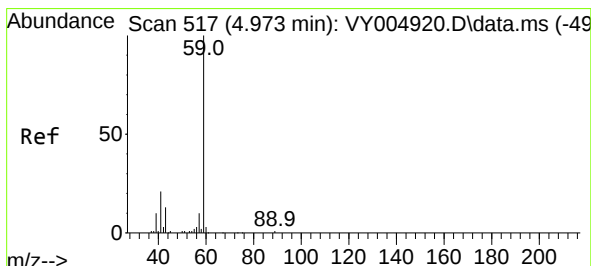
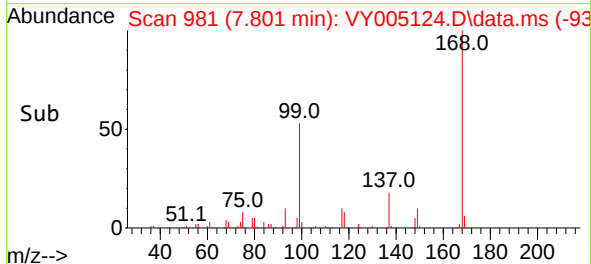
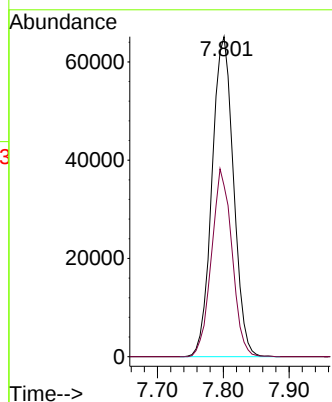
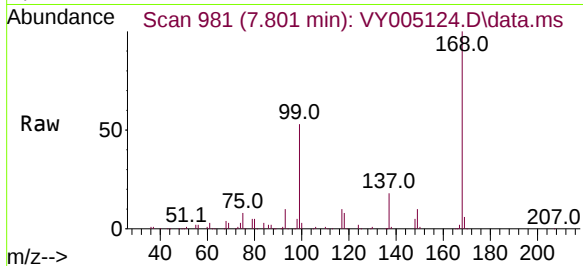




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

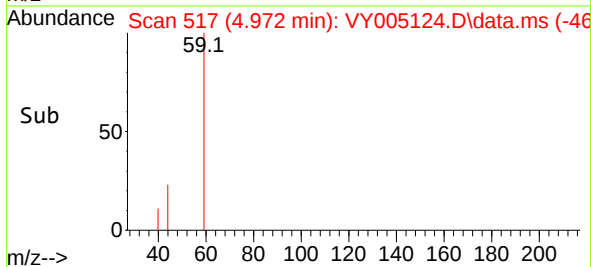
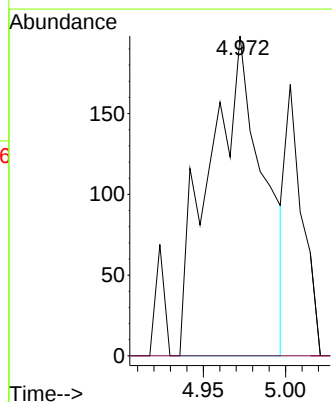
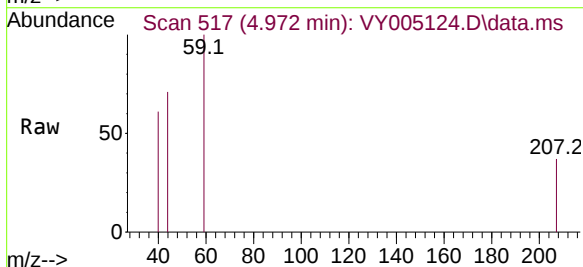
Instrument :
MSVOA_Y
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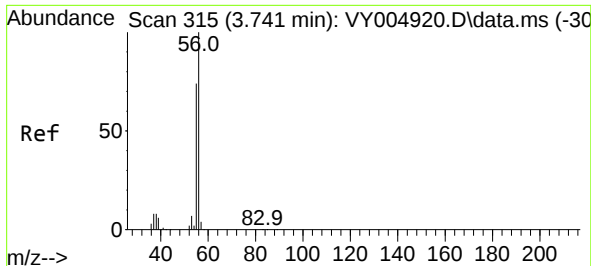
Tgt Ion:168 Resp: 148176
Ion Ratio Lower Upper
168 100
99 53.4 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.53 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

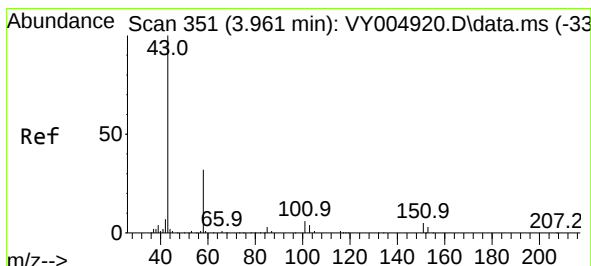
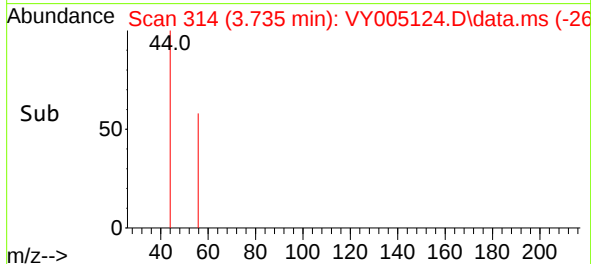
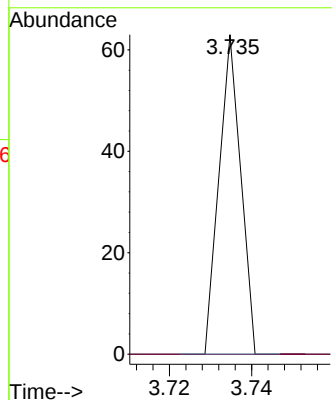
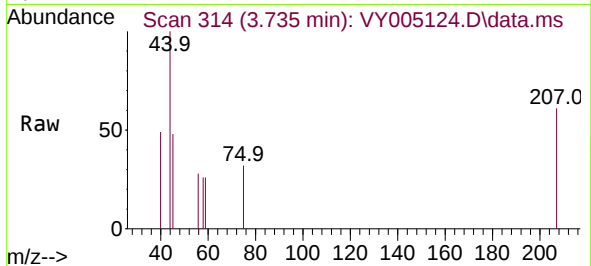




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

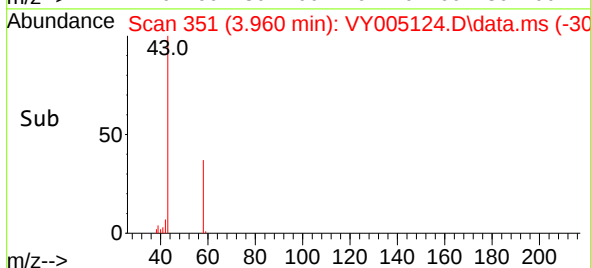
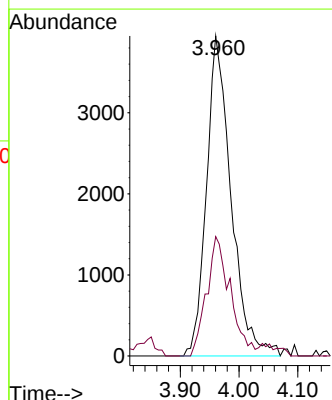
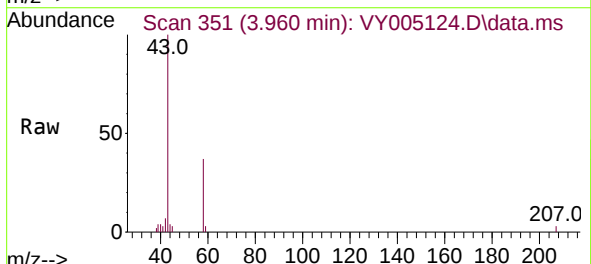
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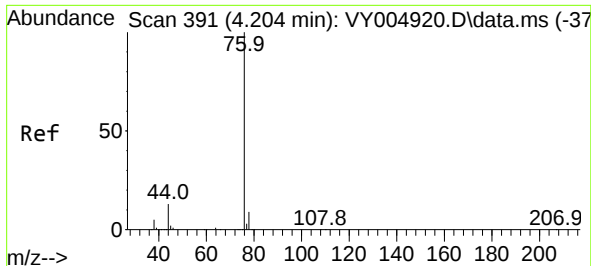
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 30.43 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

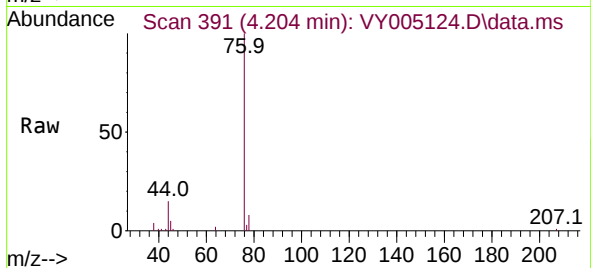
Tgt Ion: 43 Resp: 11475
Ion Ratio Lower Upper
43 100
58 37.3 25.3 37.9



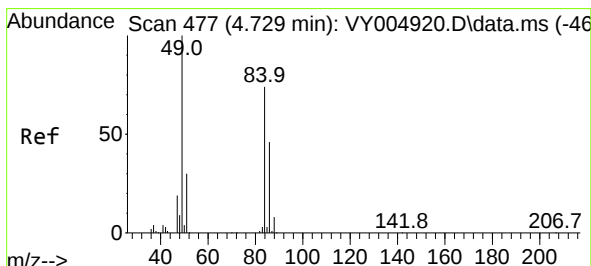
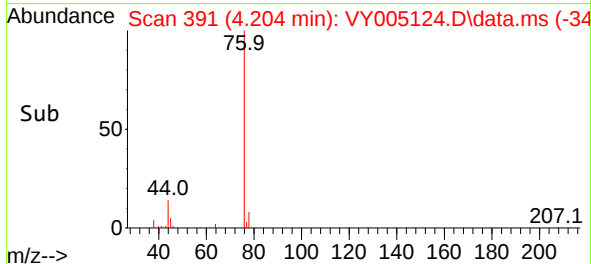
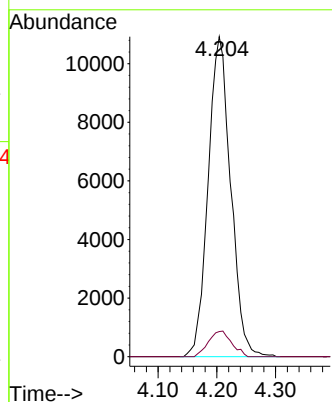


#17
Carbon Disulfide
Concen: 6.22 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Instrument :
MSVOA_Y
ClientSampleId :
0241-AMND-COMP-F(CL-05)

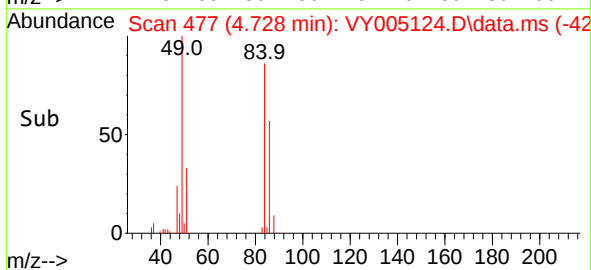
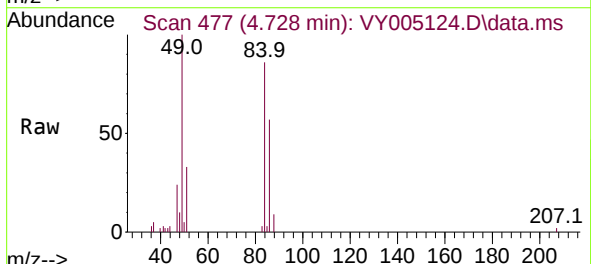
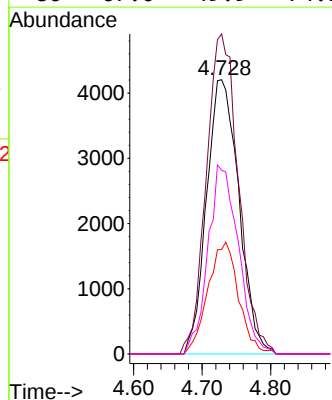


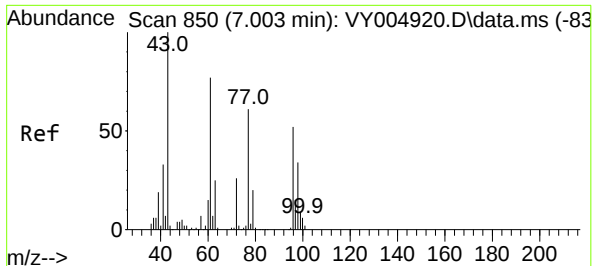
Tgt Ion: 76 Resp: 29145
Ion Ratio Lower Upper
76 100
78 7.9 7.6 11.4



#20
Methylene Chloride
Concen: 1.89 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion: 84 Resp: 13785
Ion Ratio Lower Upper
84 100
49 116.7 108.0 162.0
51 38.1 32.6 48.8
86 67.0 49.9 74.9

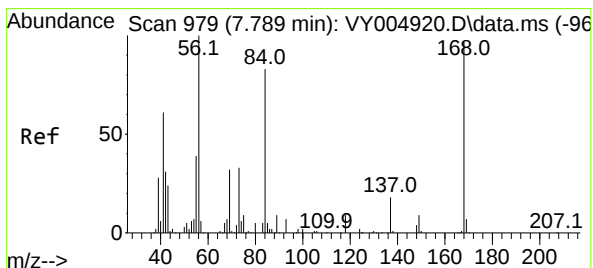
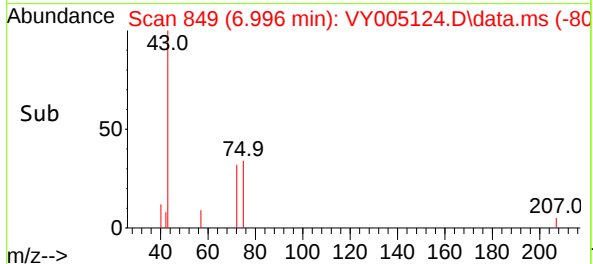
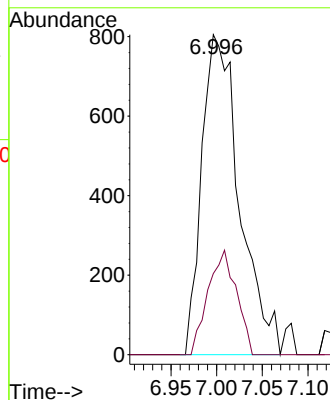
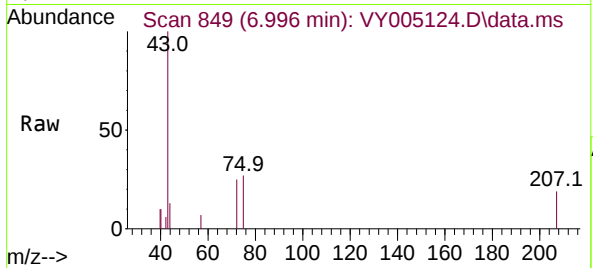




#25
2-Butanone
Concen: 3.65 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

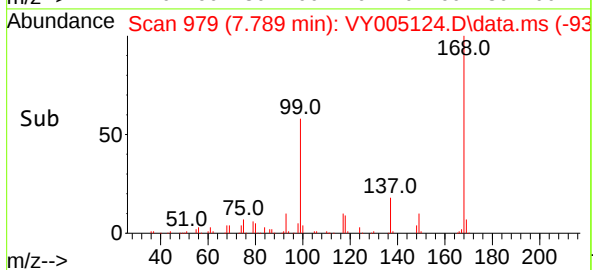
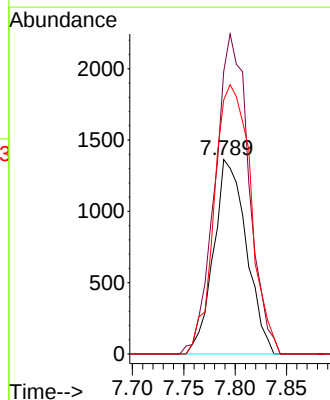
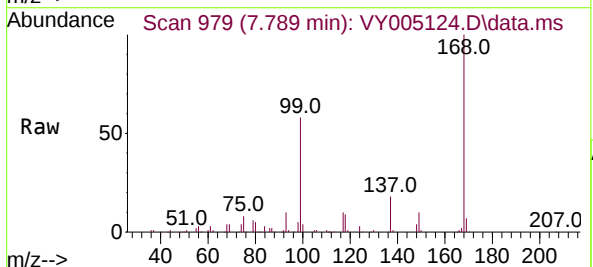
Instrument :
MSVOA_Y
ClientSampleId :
0241-AMND-COMP-F(CL-05)

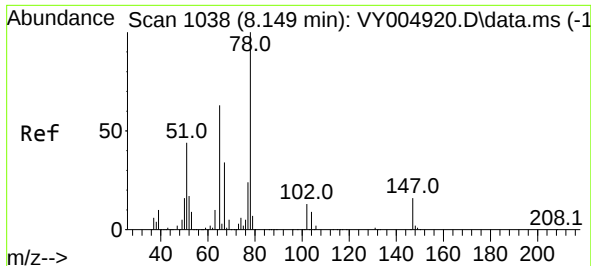
Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
72 25.3 20.6 31.0



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion: 56 Resp: 3021
Ion Ratio Lower Upper
56 100
69 145.4 25.3 37.9#
84 130.7 66.2 99.4#

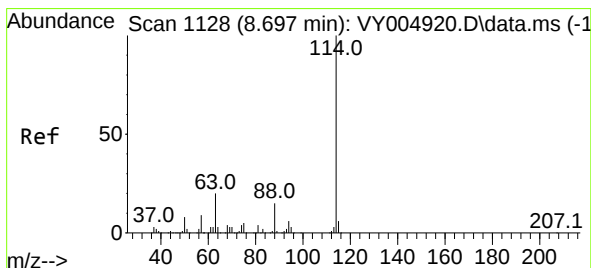
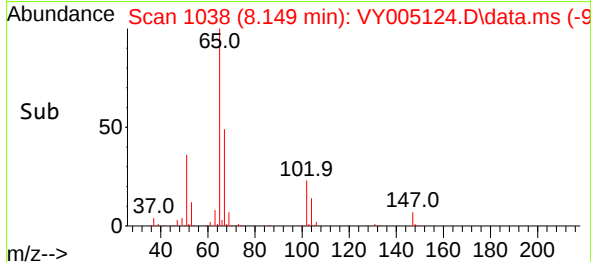
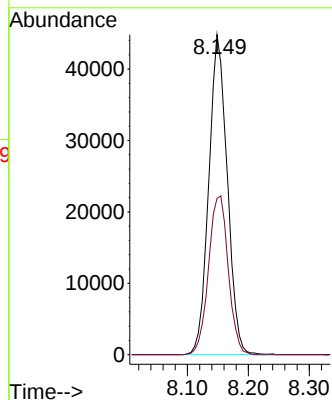
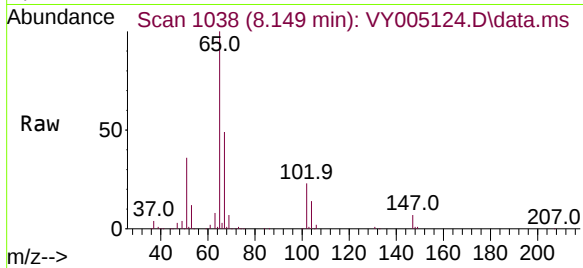




#33
1,2-Dichloroethane-d4
Concen: 60.27 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

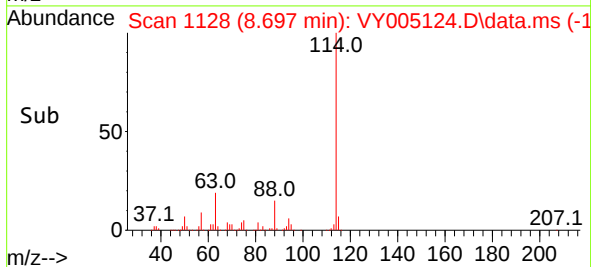
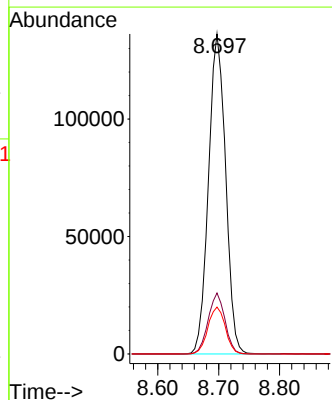
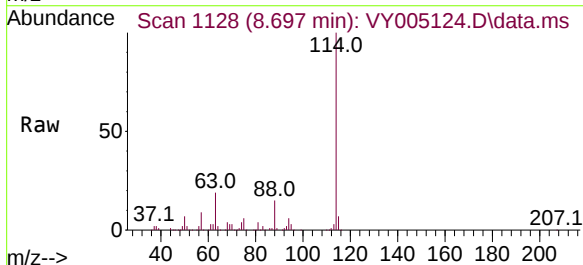
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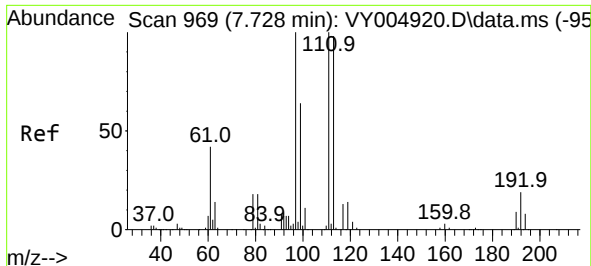
Tgt Ion: 65 Resp: 94406
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion:114 Resp: 265788
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.0
88 14.6 0.0 30.6

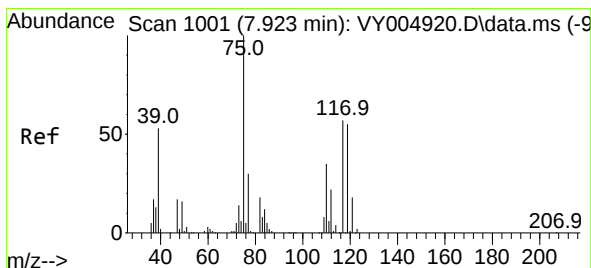
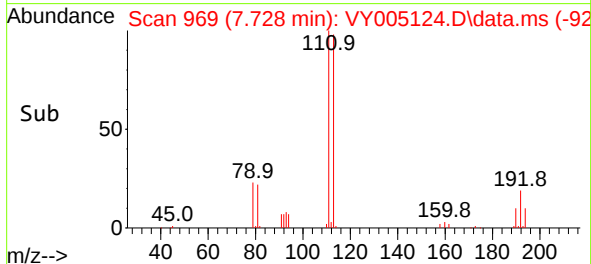
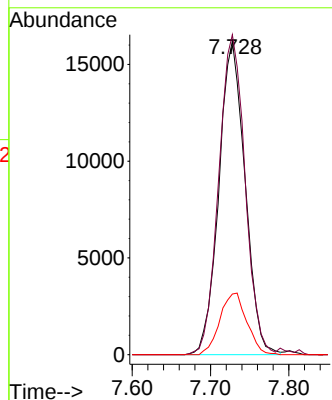
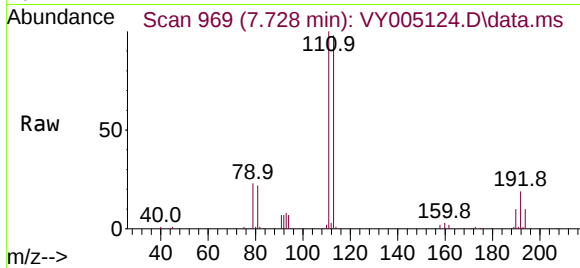




#35
Dibromofluoromethane
Concen: 26.29 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

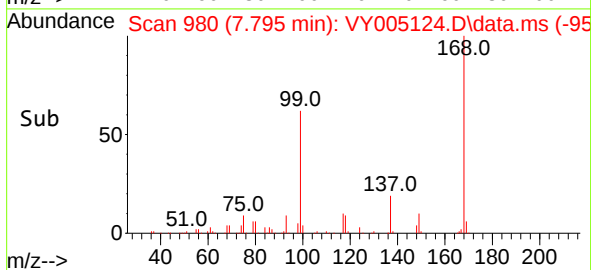
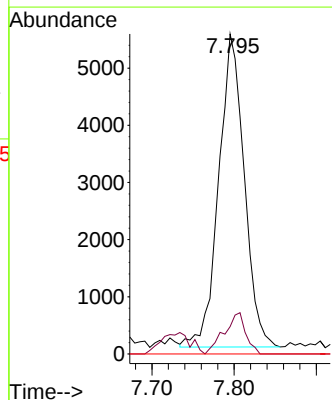
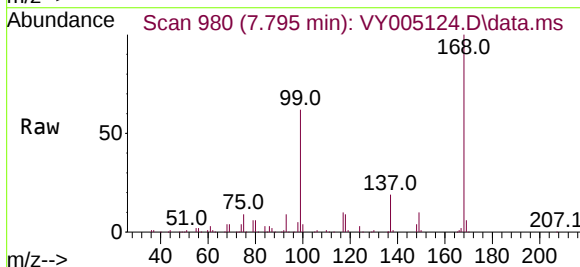
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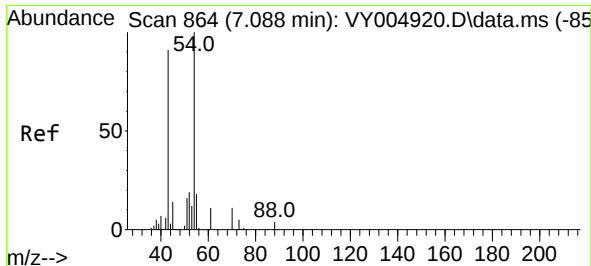
Tgt Ion:	113	Resp:	37594
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	20.2	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion:	75	Resp:	11842
Ion	Ratio	Lower	Upper
75	100		
110	11.1	17.5	52.5#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 1.35 ug/l

RT: 6.996 min Scan# 849

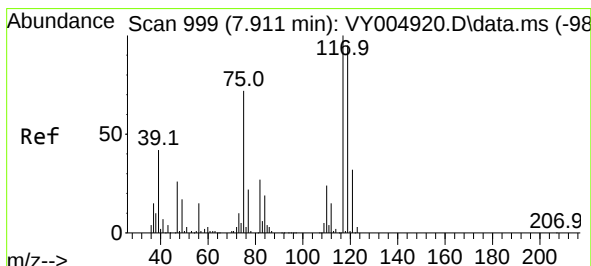
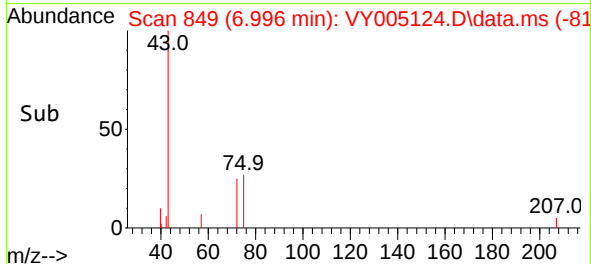
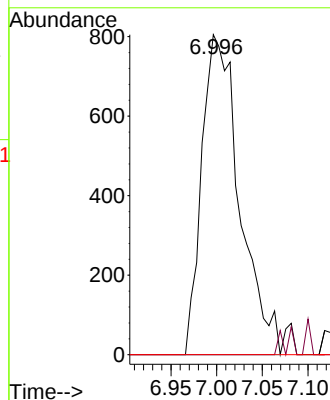
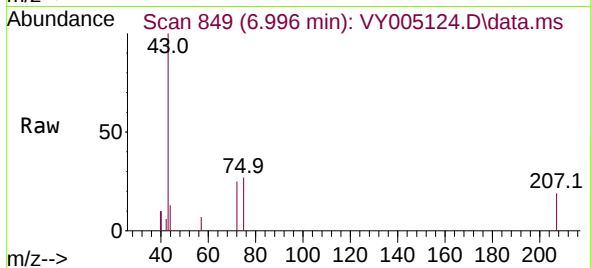
Delta R.T. -0.092 min

Lab File: VY005124.D

Acq: 11 Jun 2021 15:07

Tgt Ion: 43	Resp: 2314
Ion Ratio	Lower Upper
43 100	
61 0.0	10.5 15.7#
70 0.0	7.9 11.9#

Instrument :
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ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 6.47 ug/l

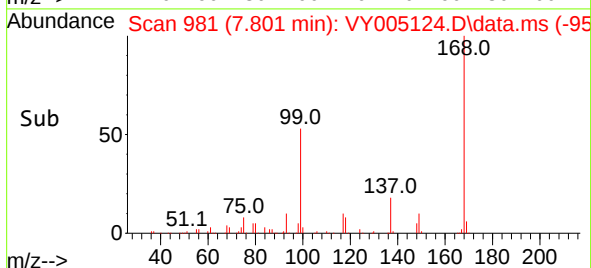
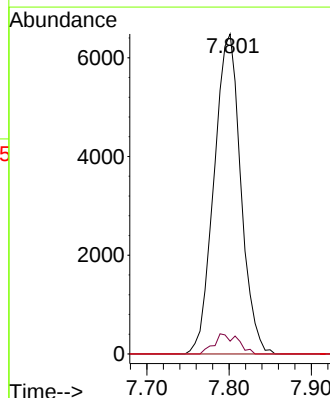
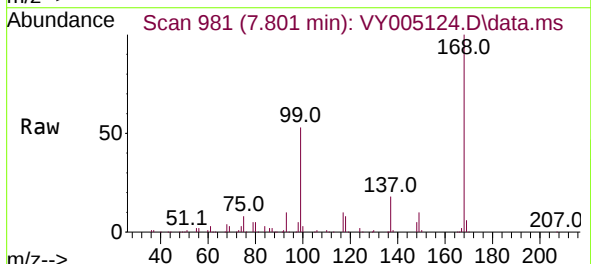
RT: 7.801 min Scan# 981

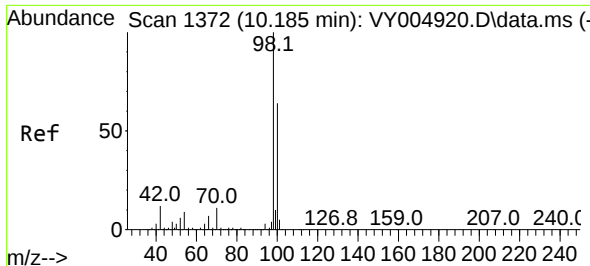
Delta R.T. -0.110 min

Lab File: VY005124.D

Acq: 11 Jun 2021 15:07

Tgt Ion: 117	Resp: 14649
Ion Ratio	Lower Upper
117 100	
119 4.0	76.1 114.1#
121 0.0	25.5 38.3#

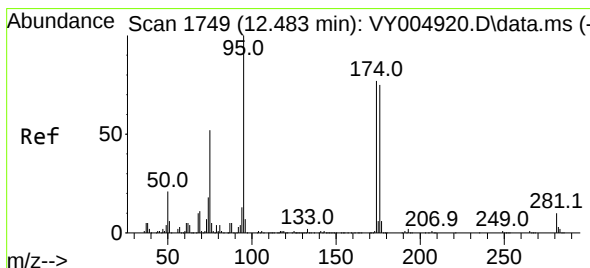
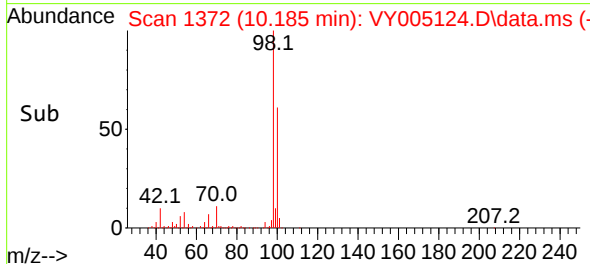
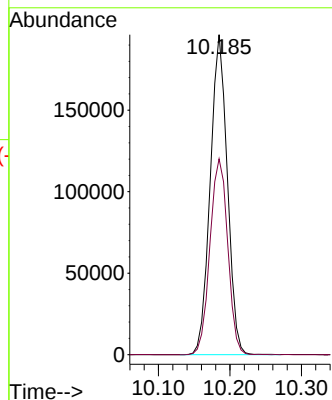
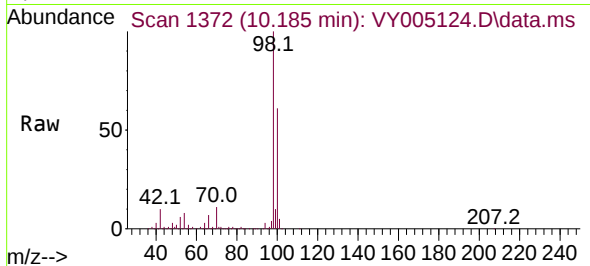




#50
Toluene-d8
Concen: 54.73 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

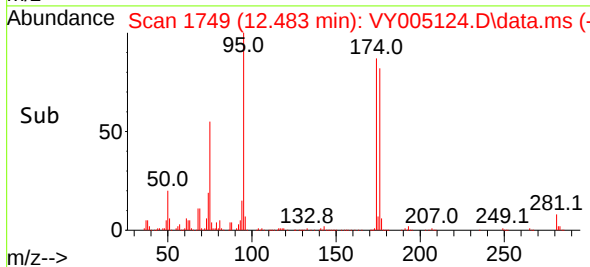
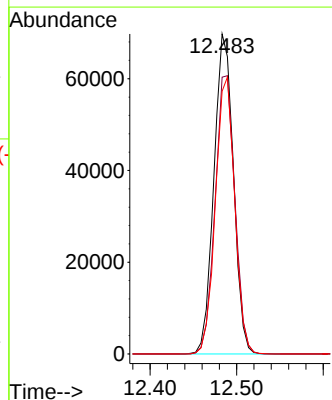
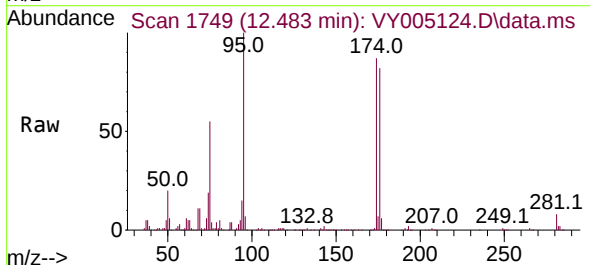
Instrument :
MSVOA_Y
ClientSampleId :
0241-AMND-COMP-F(CL-05)

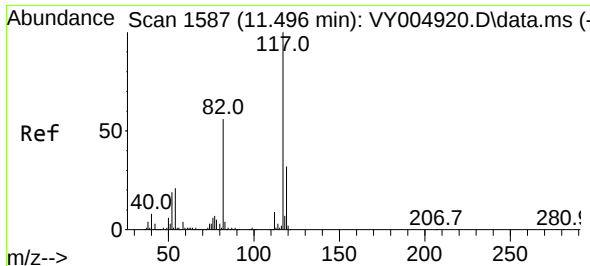
Tgt Ion: 98 Resp: 325033
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion: 95 Resp: 109119
Ion Ratio Lower Upper
95 100
174 88.2 0.0 160.8
176 85.5 0.0 155.6

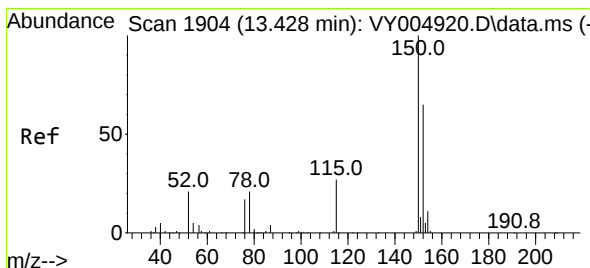
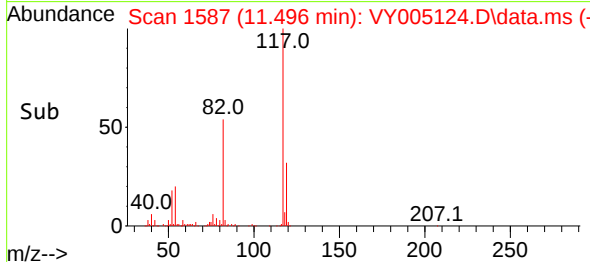
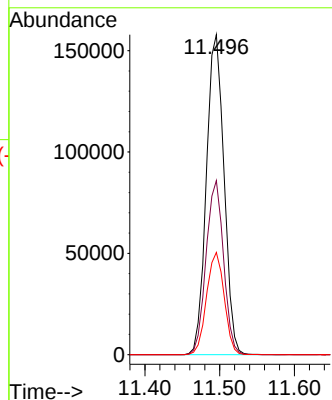
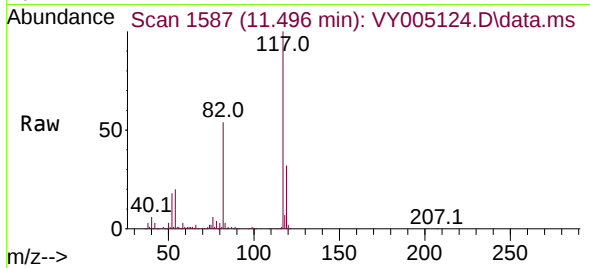




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

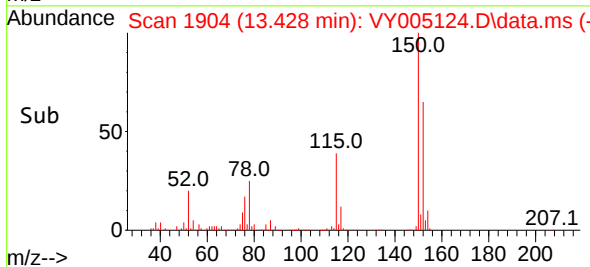
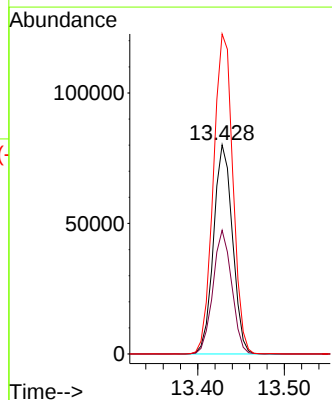
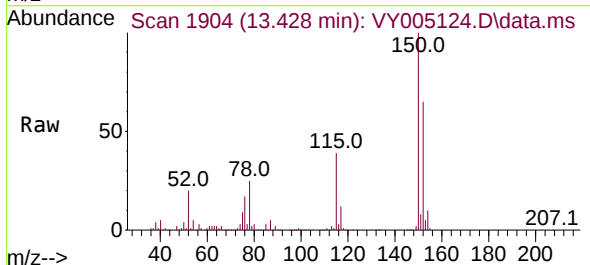
Instrument :
MSVOA_Y
ClientSampleId :
0241-AMND-COMP-F(CL-05)

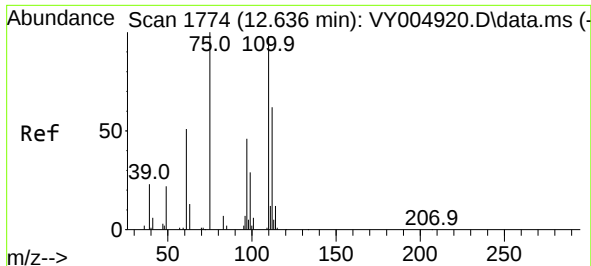
Tgt Ion:117 Resp: 258836
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion:152 Resp: 121705
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 157.5 0.0 347.8

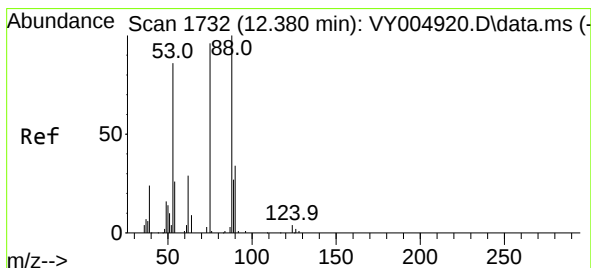
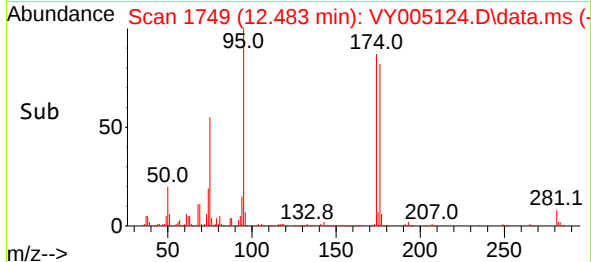
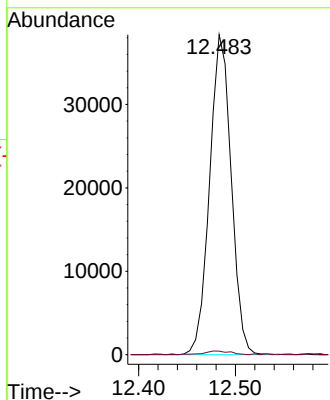
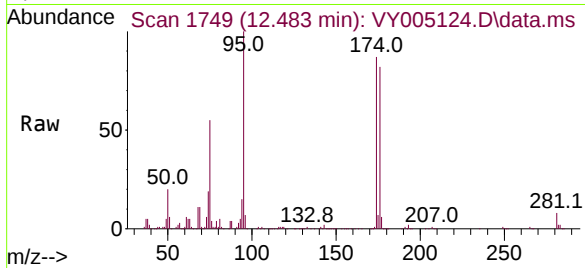




#76
1,2,3-Trichloropropane
Concen: 44.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Instrument :
MSVOA_Y
ClientSampleId :
0241-AMND-COMP-F(CL-05)

Tgt Ion: 75 Resp: 59419
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005124.D
Acq: 11 Jun 2021 15:07

Tgt Ion: 75 Resp: 59419
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.2 35.0 52.6#

