

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005118.D
 Acq On : 11 Jun 2021 12:48
 Operator : SY/MD
 Sample : M2672-04
 Misc : 11.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 17-B6(20-24)

Quant Time: Jun 12 00:35:40 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)

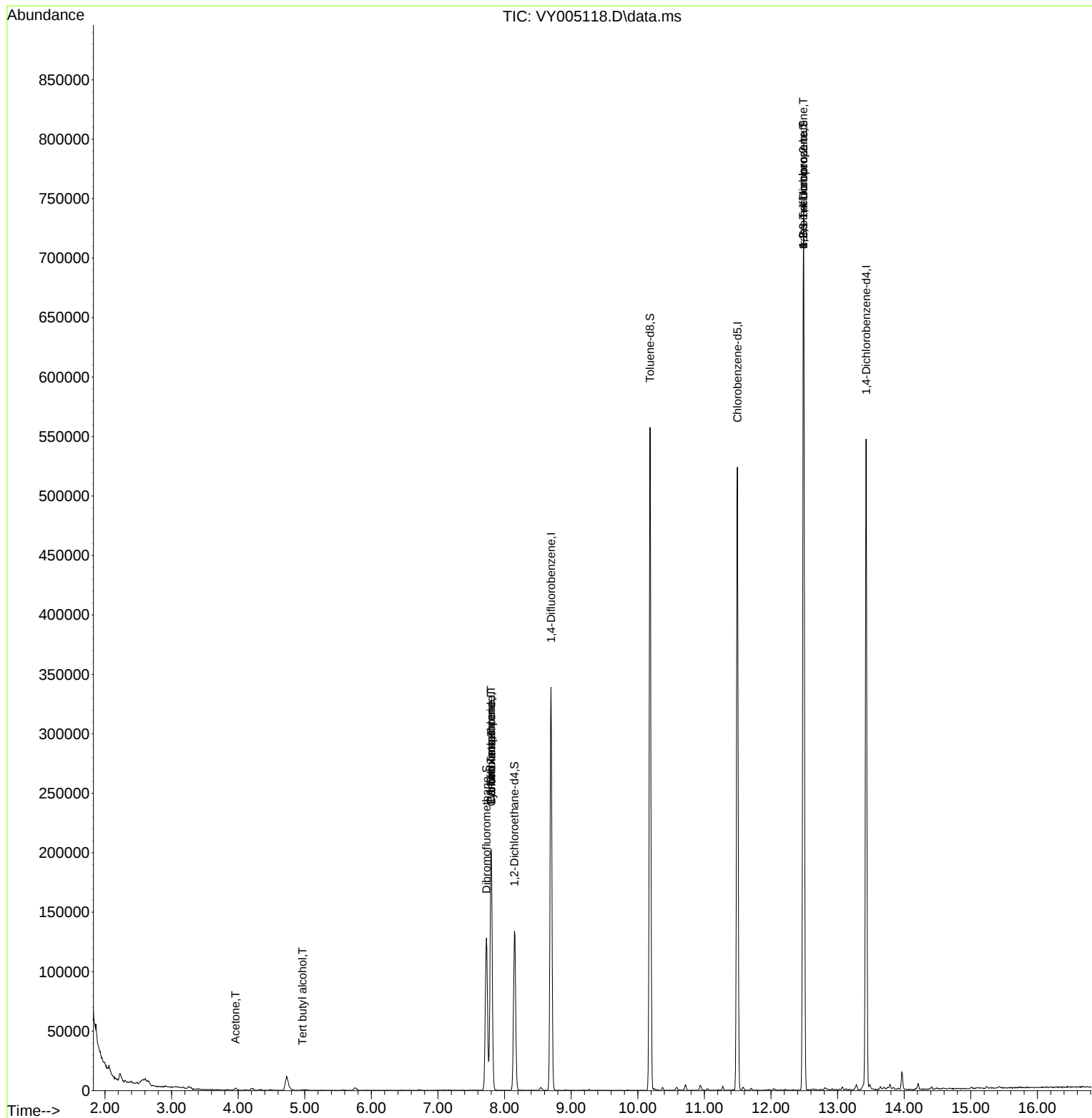
Internal Standards						
1) Pentafluorobenzene	7.795	168	160616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	287056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106937	62.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.96%
35) Dibromofluoromethane	7.728	113	90598	58.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.36%
50) Toluene-d8	10.185	98	355917	55.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.06%
62) 4-Bromofluorobenzene	12.483	95	127054	57.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.24%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	927	4.75	ug/l #	74
13) Acrolein	3.735	56	52	Below	Cal #	60
16) Acetone	3.960	43	2416	5.91	ug/l #	76
20) Methylene Chloride	4.729	84	8628	Below	Cal #	93
31) Cyclohexane	7.801	56	3322	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12246	4.32	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15959	6.47	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	70393	46.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70393	86.20	ug/l #	16

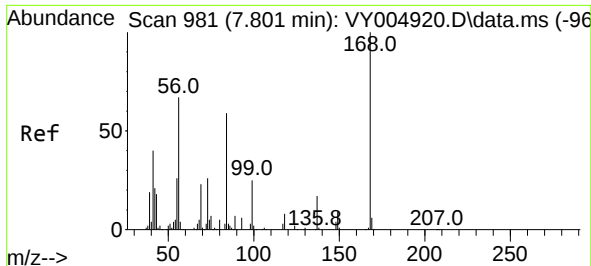
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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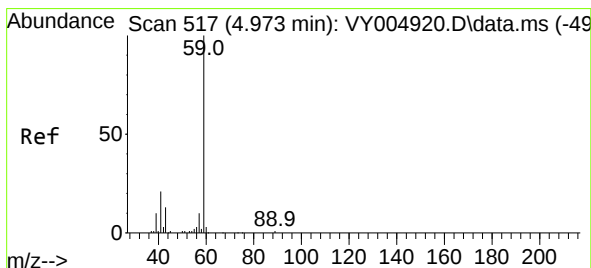
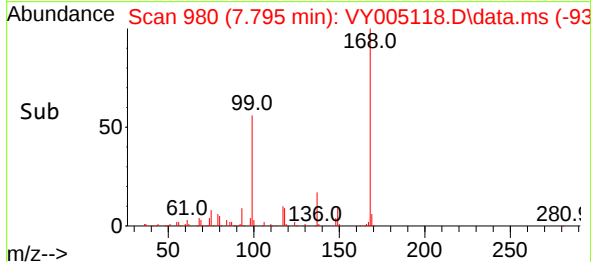
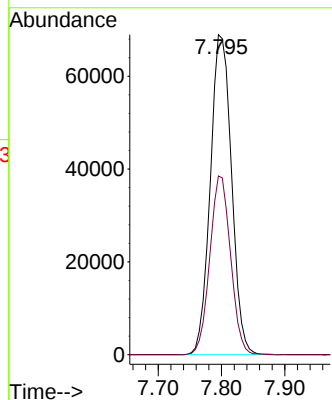
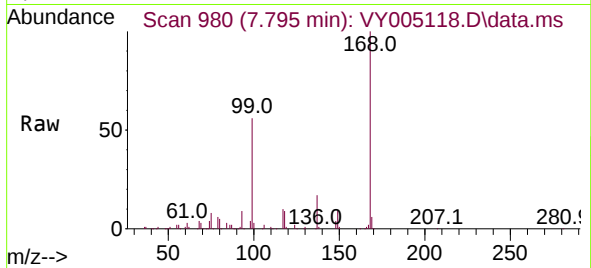




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

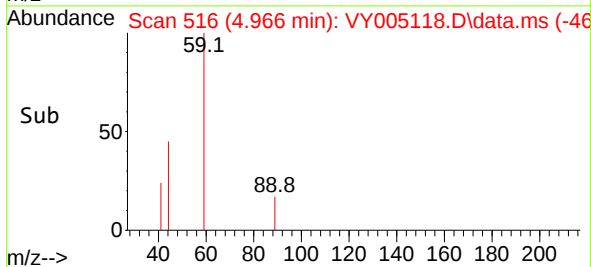
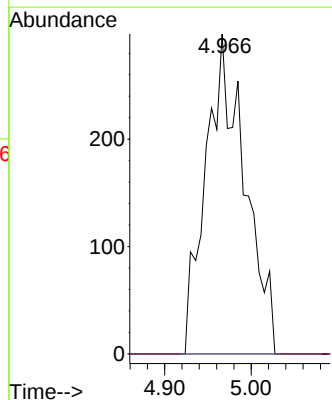
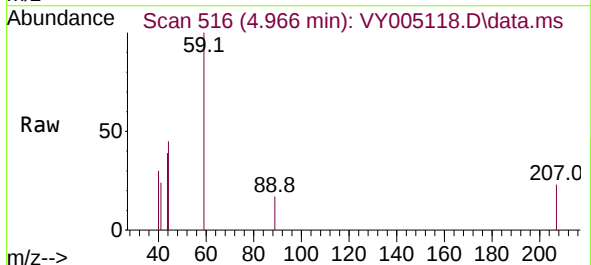
Instrument :
MSVOA_Y
ClientSampleId :
17-B6(20-24)

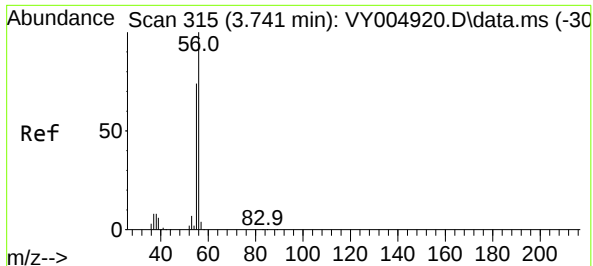
Tgt Ion:168 Resp: 160616
Ion Ratio Lower Upper
168 100
99 55.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.75 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

Tgt Ion: 59 Resp: 927
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

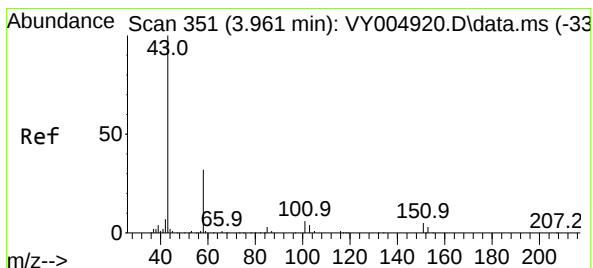
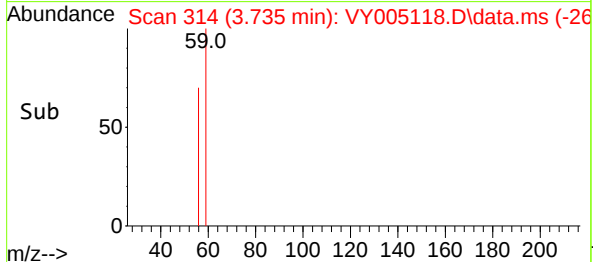
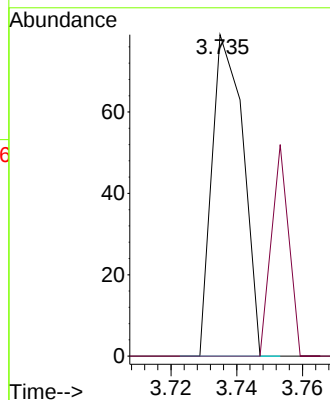
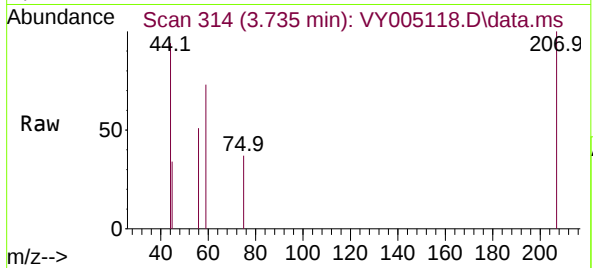




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

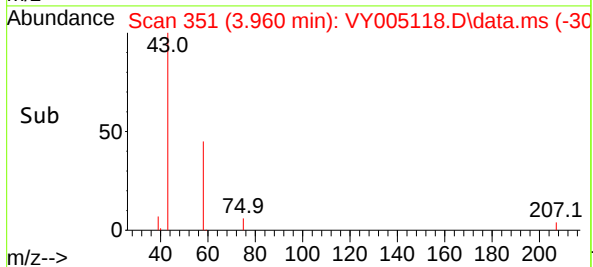
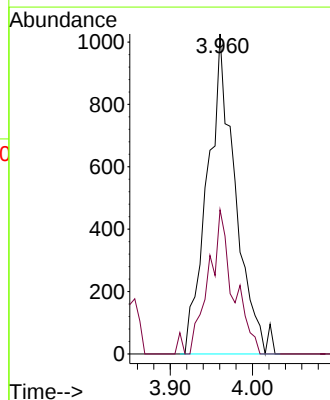
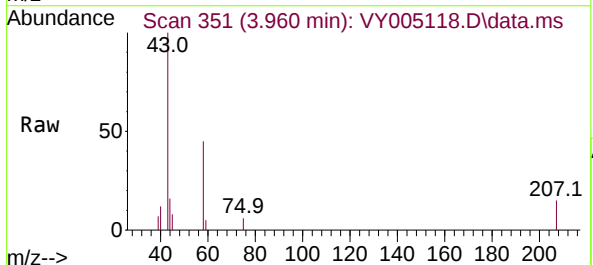
Instrument :
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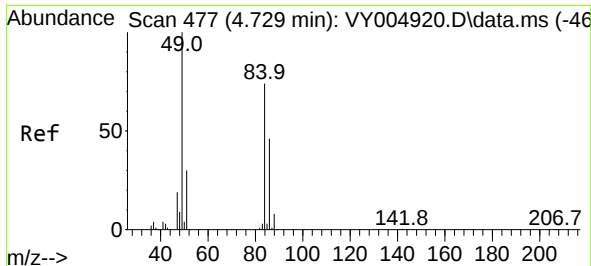
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 36.5 55.4 83.2#



#16
Acetone
Concen: 5.91 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

Tgt Ion: 43 Resp: 2416
Ion Ratio Lower Upper
43 100
58 45.0 25.3 37.9#

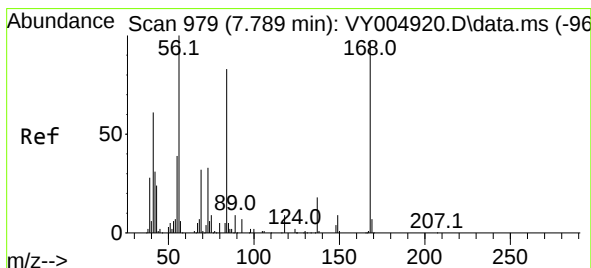
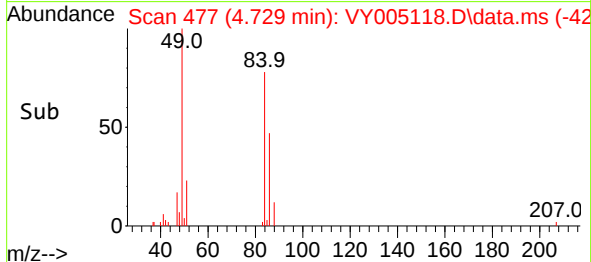
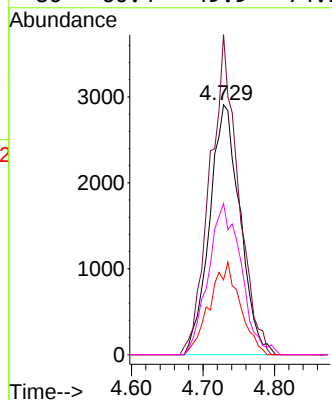
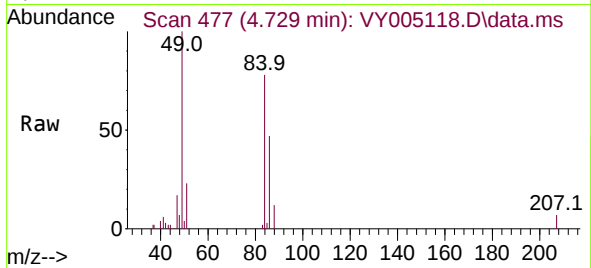




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

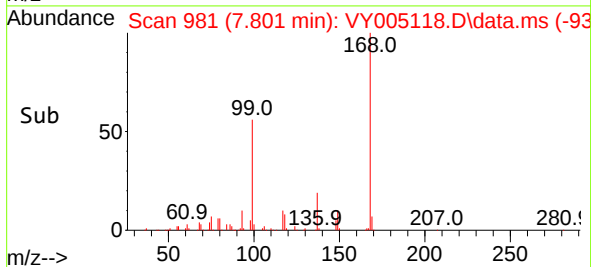
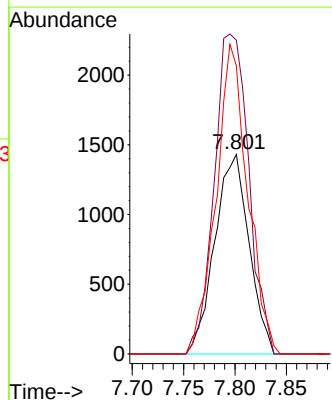
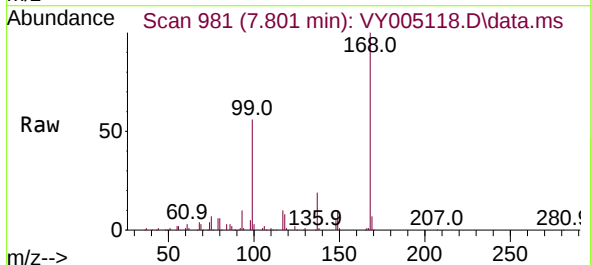
Instrument :
MSVOA_Y
ClientSampleId :
17-B6(20-24)

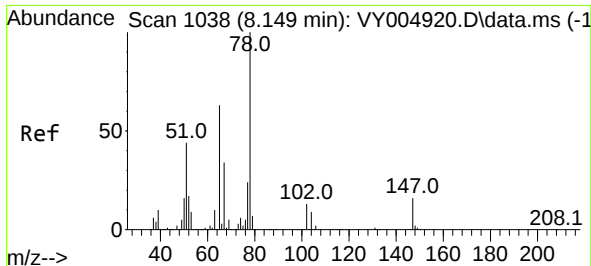
Tgt Ion:	84	Resp:	8628
Ion	Ratio	Lower	Upper
84	100		
49	128.1	108.0	162.0
51	29.9	32.6	48.8#
86	60.4	49.9	74.9



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

Tgt Ion:	56	Resp:	3322
Ion	Ratio	Lower	Upper
56	100		
69	157.2	25.3	37.9#
84	144.4	66.2	99.4#

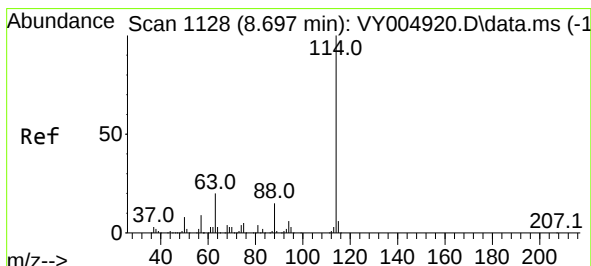
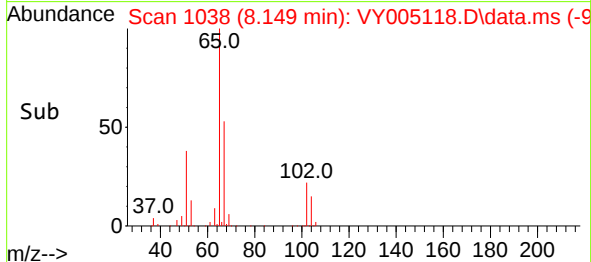
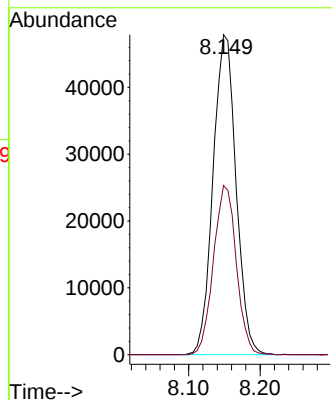
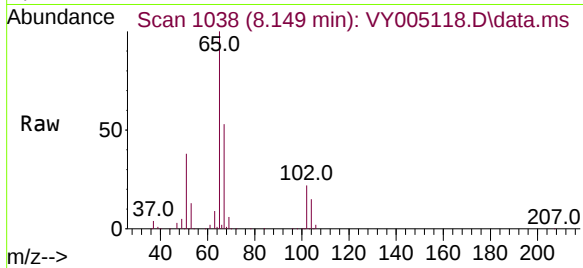




#33
 1,2-Dichloroethane-d4
 Concen: 62.98 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005118.D
 Acq: 11 Jun 2021 12:48

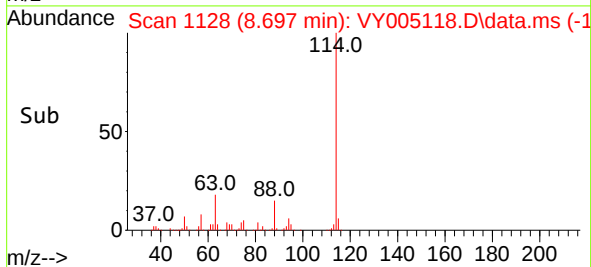
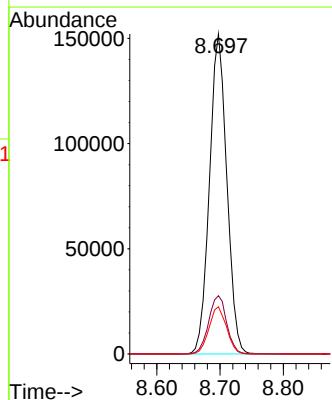
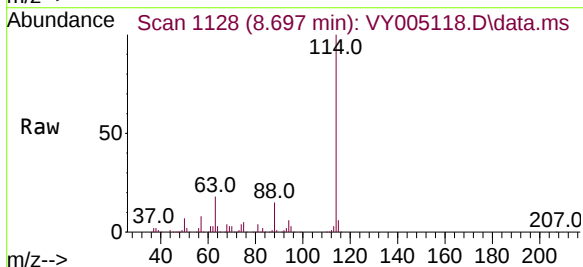
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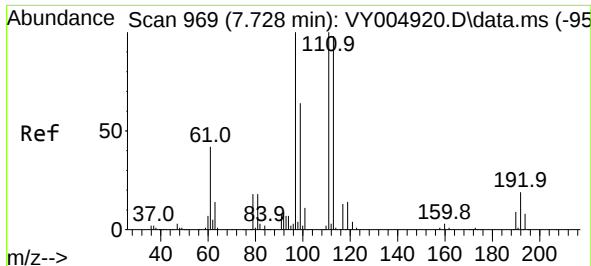
Tgt Ion: 65 Resp: 106937
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005118.D
 Acq: 11 Jun 2021 12:48

Tgt Ion: 114 Resp: 289457
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 41.0
 88 14.7 0.0 30.6

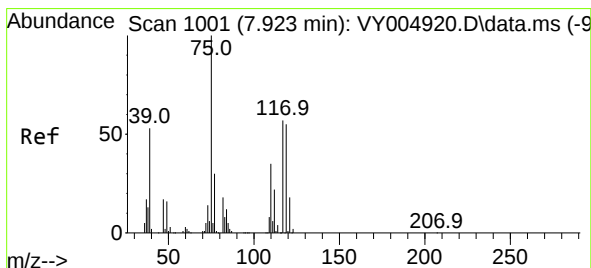
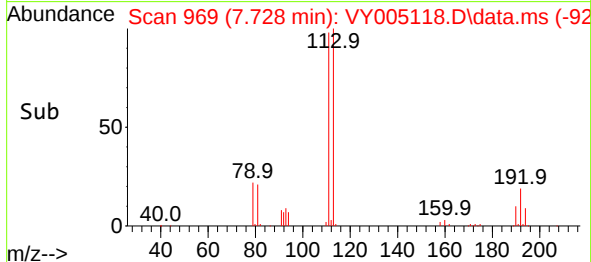
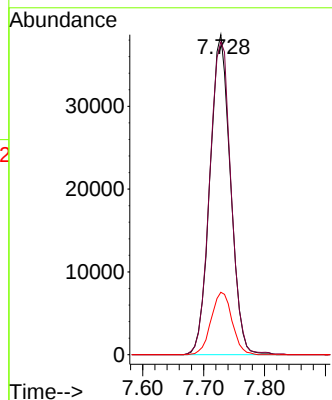
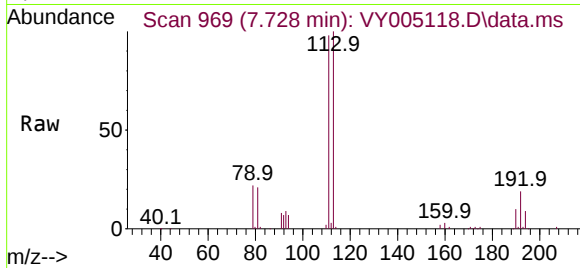




#35
Dibromofluoromethane
Concen: 58.18 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

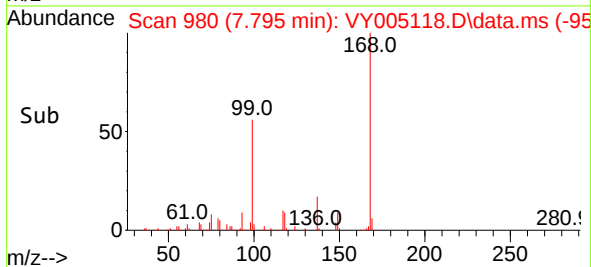
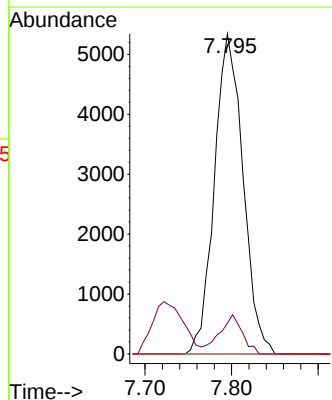
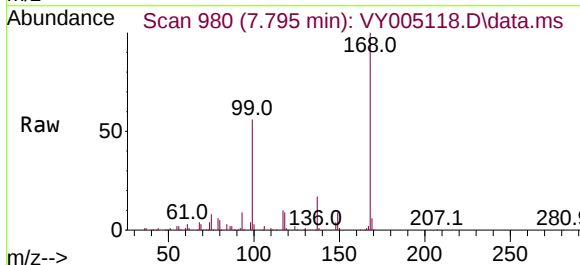
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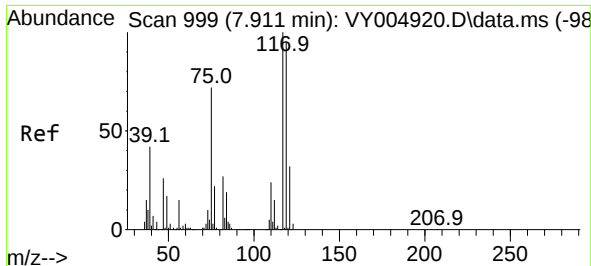
Tgt Ion:	113	Resp:	90598
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	19.9	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

Tgt Ion:	75	Resp:	12246
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.5	52.5#
77	0.0	25.1	37.7#

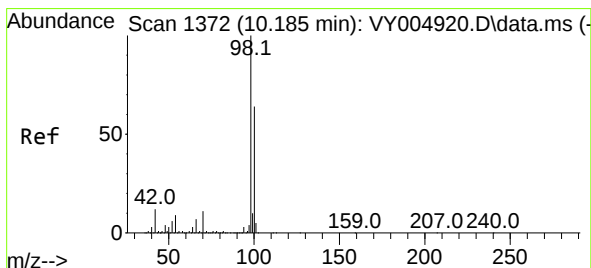
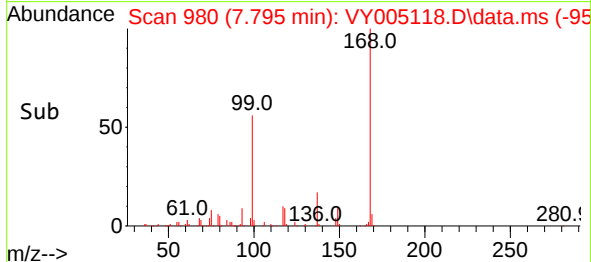
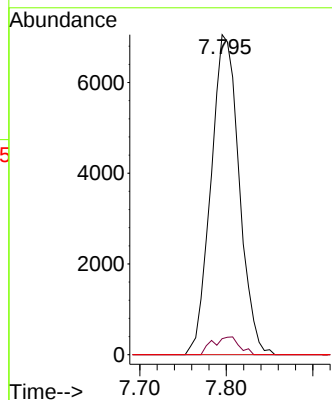
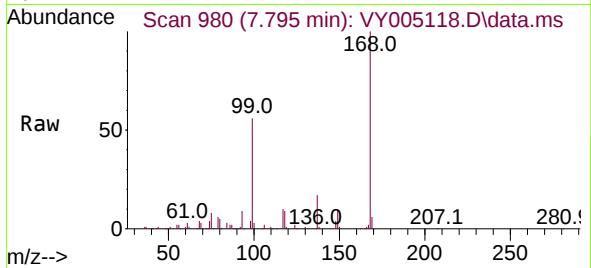




#38
Carbon Tetrachloride
Concen: 6.47 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

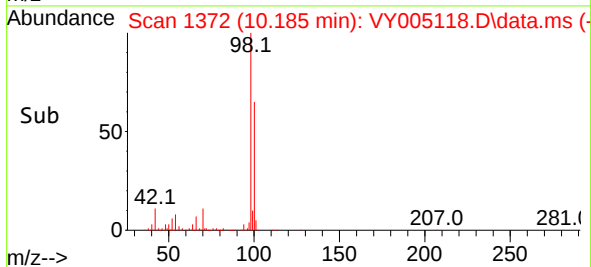
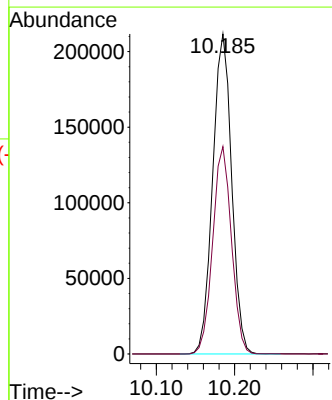
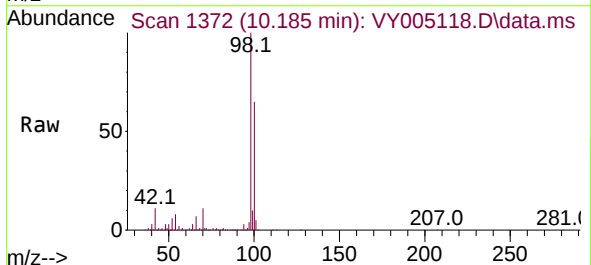
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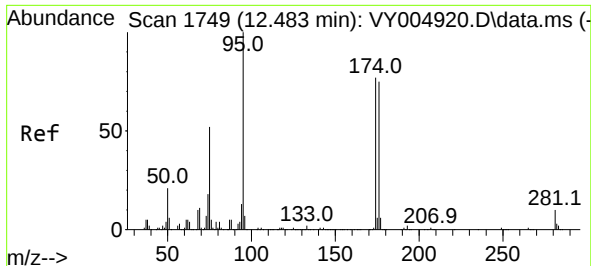
Tgt Ion:117 Resp: 15959
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

Tgt Ion: 98 Resp: 355917
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

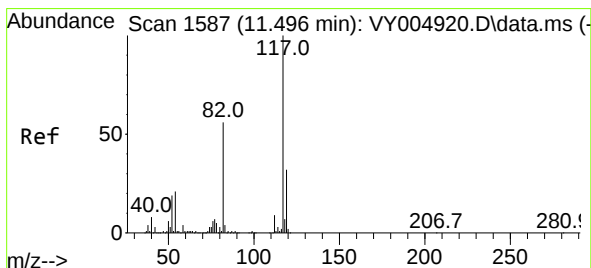
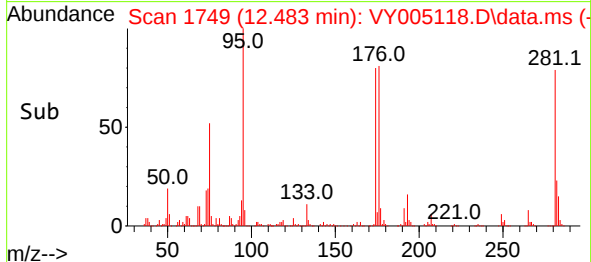
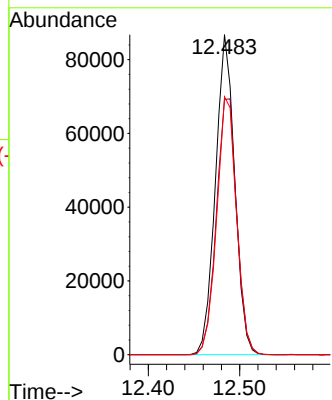
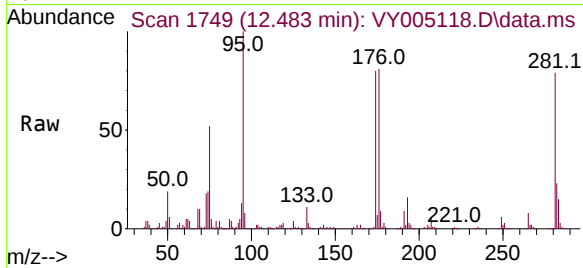




#62
4-Bromofluorobenzene
Concen: 57.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

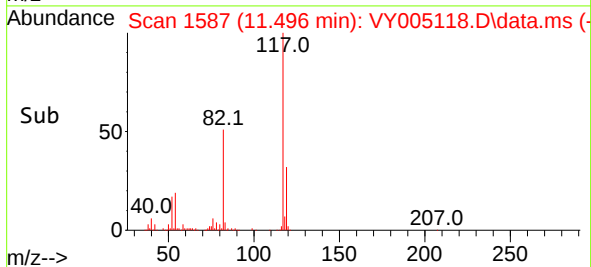
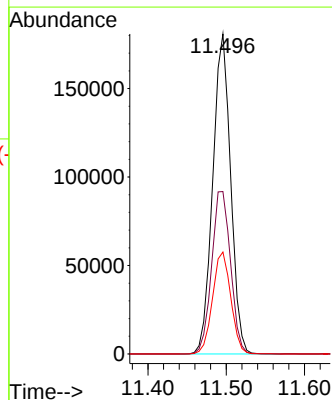
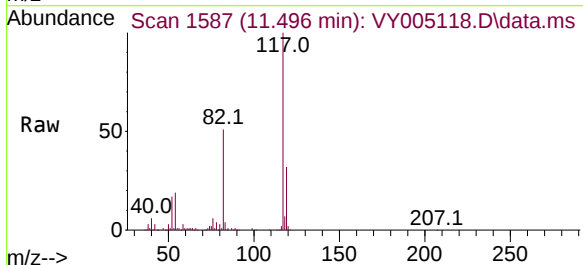
Instrument :
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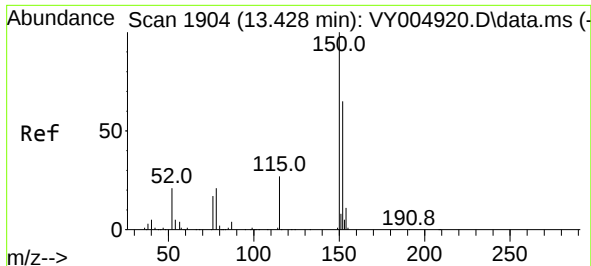
Tgt Ion: 95 Resp: 127054
Ion Ratio Lower Upper
95 100
174 85.0 0.0 160.8
176 82.8 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

Tgt Ion: 117 Resp: 287056
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 31.9 25.2 37.8

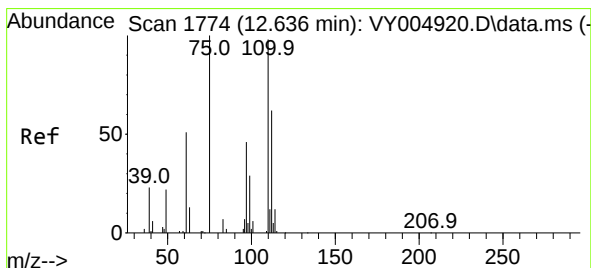
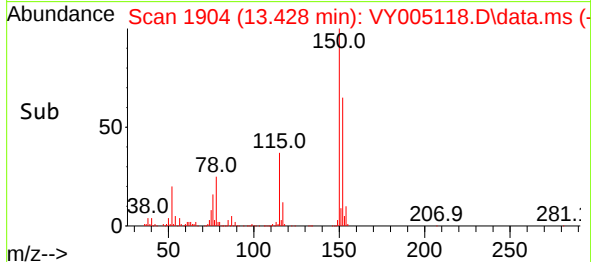
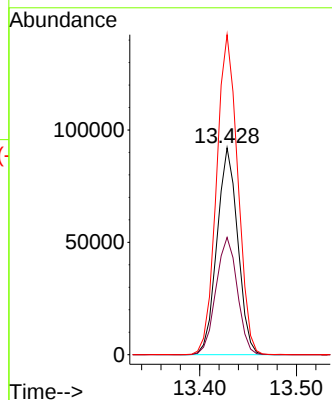
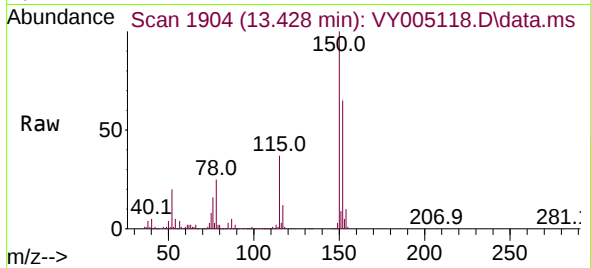




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

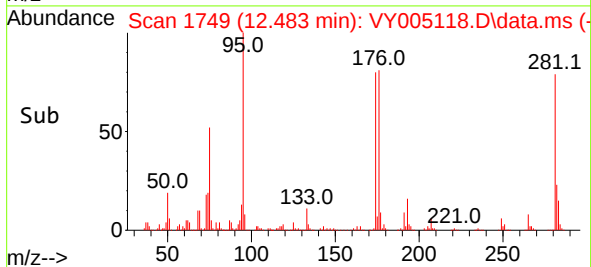
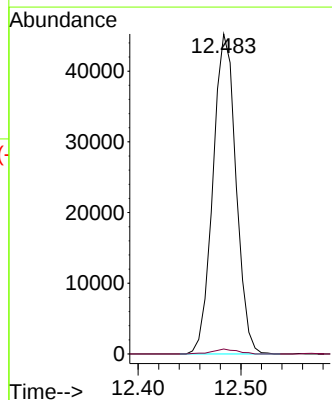
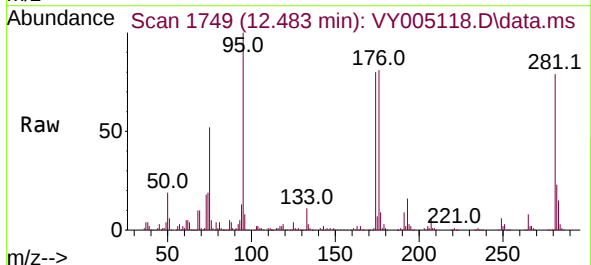
Instrument :
MSVOA_Y
ClientSampleId :
17-B6(20-24)

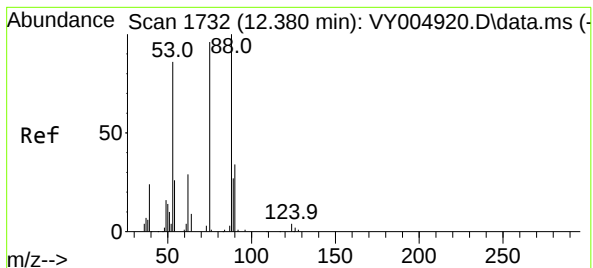
Tgt Ion:152 Resp: 136910
Ion Ratio Lower Upper
152 100
115 58.4 29.9 89.7
150 158.6 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 46.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005118.D
Acq: 11 Jun 2021 12:48

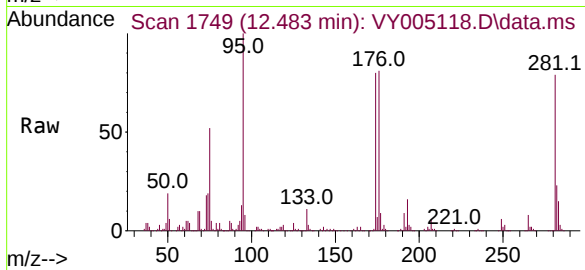
Tgt Ion: 75 Resp: 70393
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.20 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005118.D
 Acq: 11 Jun 2021 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 17-B6(20-24)



Tgt Ion: 75 Resp: 70393
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 2.0 35.0 52.6#

