

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005131.D
 Acq On : 11 Jun 2021 17:49
 Operator : SY/MD
 Sample : M2687-03
 Misc : 2.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 17-B6(108-112)

Quant Time: Jun 12 00:37:23 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)

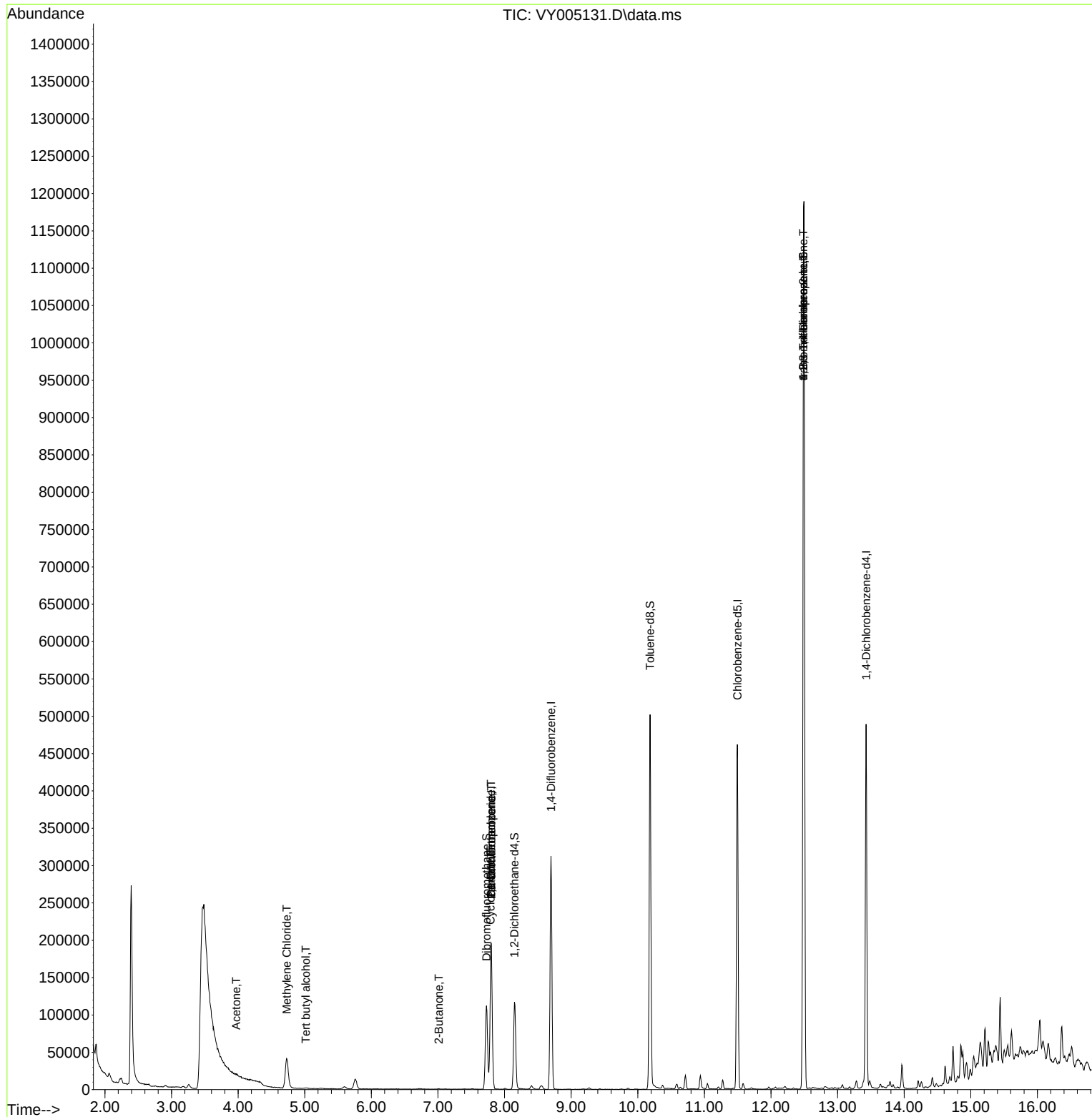
Internal Standards						
1) Pentafluorobenzene	7.801	168	150602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	260697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	256640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94448	59.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.64%
35) Dibromofluoromethane	7.728	113	78306	55.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.66%
50) Toluene-d8	10.185	98	321022	55.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.22%
62) 4-Bromofluorobenzene	12.483	95	112516	56.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.32%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.015	59	1232	6.73	ug/l #	74
16) Acetone	3.973	43	3926	10.24	ug/l	94
20) Methylene Chloride	4.729	84	31328	12.54	ug/l	92
25) 2-Butanone	7.015	43	1093	1.70	ug/l #	78
31) Cyclohexane	7.789	56	3310	1.18	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	11465	4.49	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15553	7.00	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	69882	51.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69882	94.42	ug/l #	17

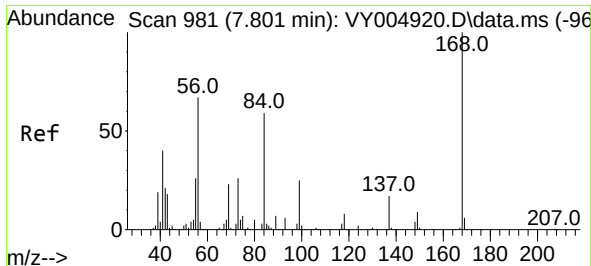
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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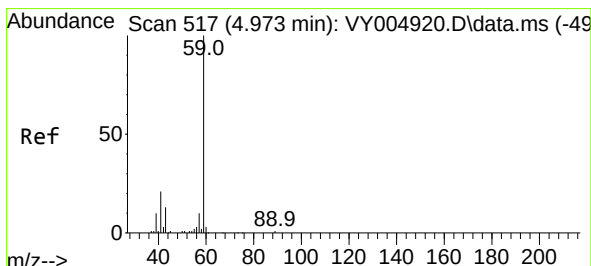
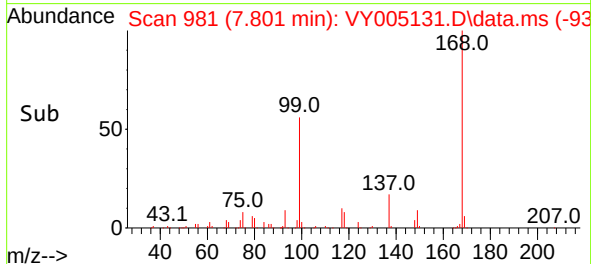
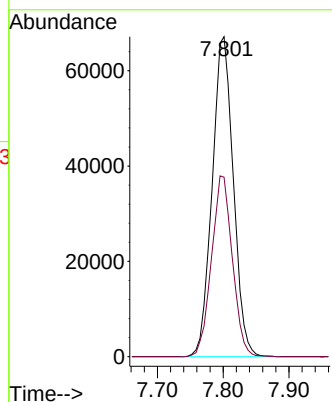
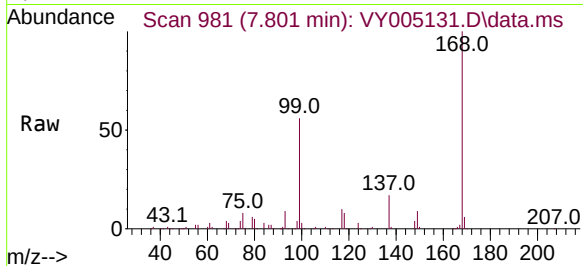




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

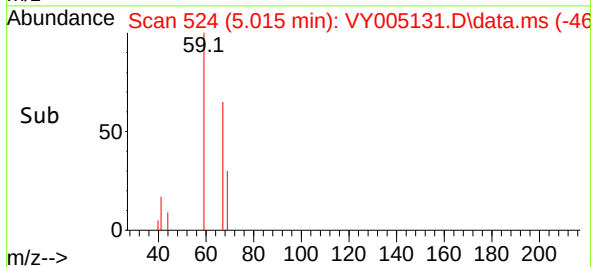
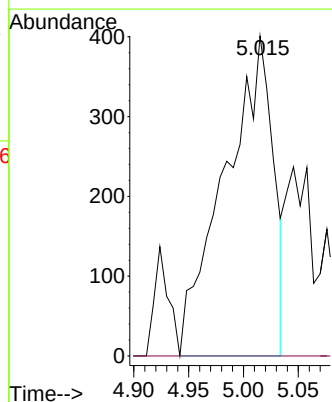
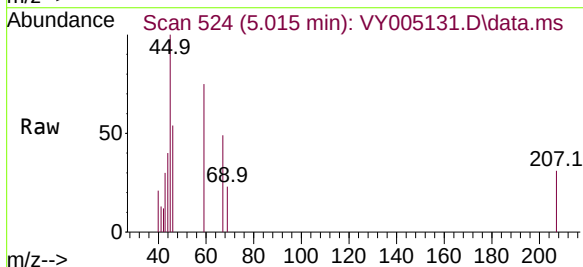
Instrument :
MSVOA_Y
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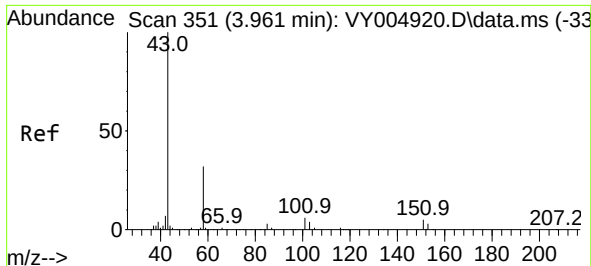
Tgt Ion:168 Resp: 150602
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 6.73 ug/l
RT: 5.015 min Scan# 524
Delta R.T. 0.042 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

Tgt Ion: 59 Resp: 1232
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

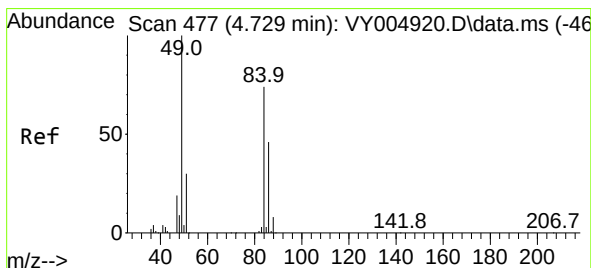
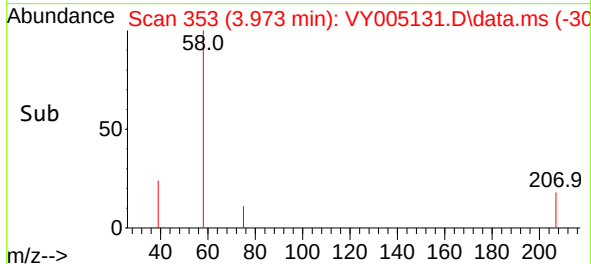
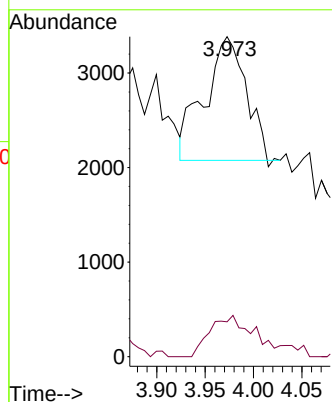
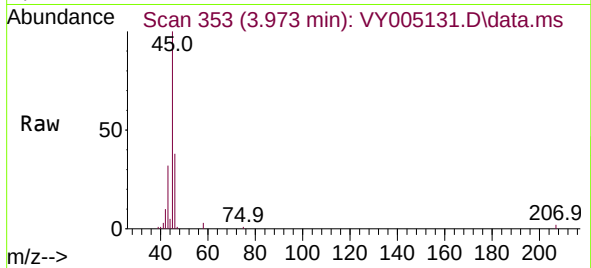




#16
Acetone
Concen: 10.24 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

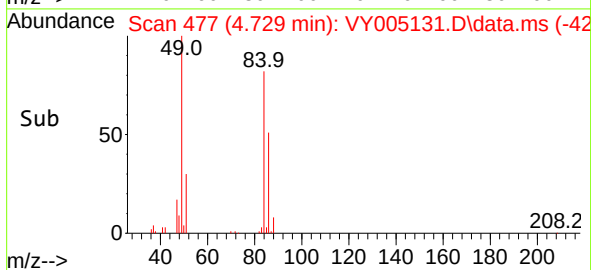
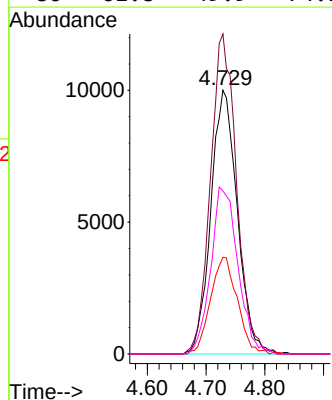
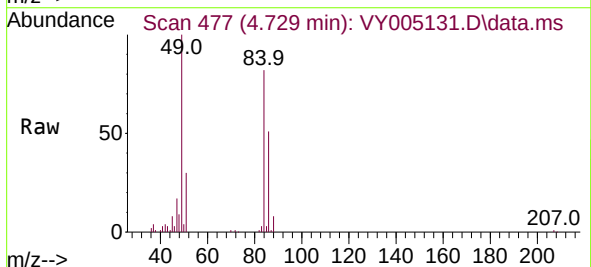
Instrument :
MSVOA_Y
ClientSampleId :
17-B6(108-112)

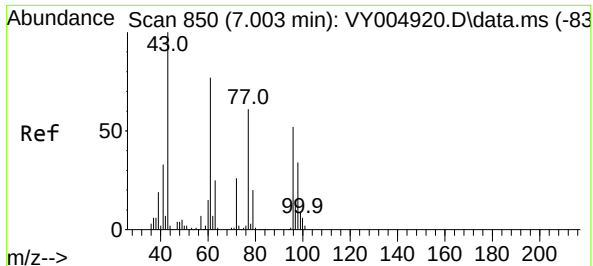
Tgt Ion: 43 Resp: 3926
Ion Ratio Lower Upper
43 100
58 28.2 25.3 37.9



#20
Methylene Chloride
Concen: 12.54 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

Tgt Ion: 84 Resp: 31328
Ion Ratio Lower Upper
84 100
49 121.4 108.0 162.0
51 36.7 32.6 48.8
86 61.8 49.9 74.9

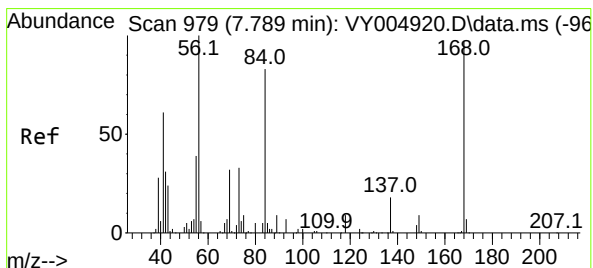
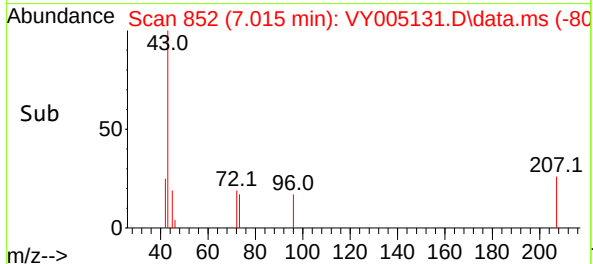
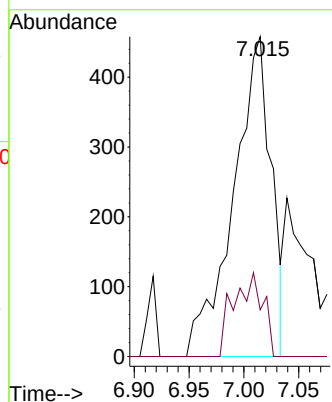
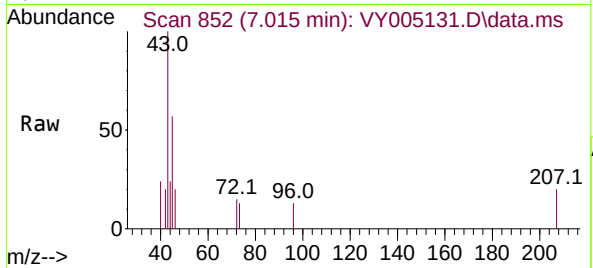




#25
2-Butanone
Concen: 1.70 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

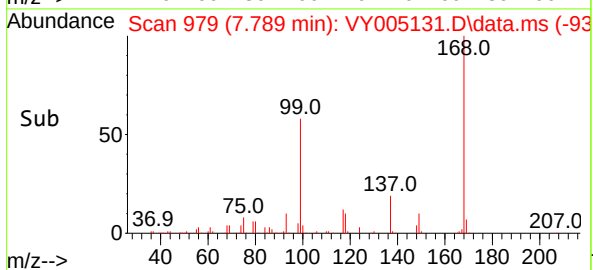
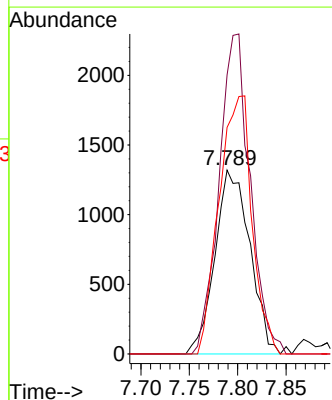
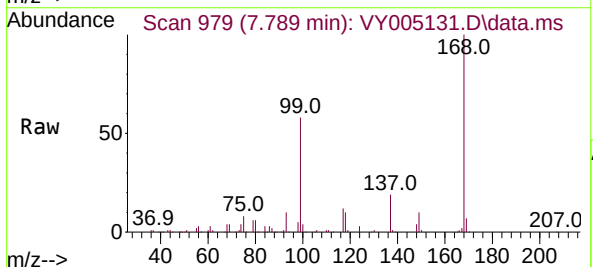
Instrument :
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ClientSampleId :
17-B6(108-112)

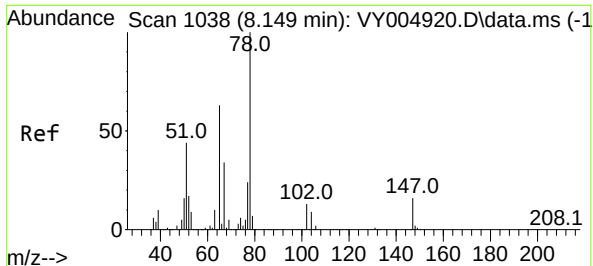
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
72 14.6 20.6 31.0#



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

Tgt Ion: 56 Resp: 3310
Ion Ratio Lower Upper
56 100
69 151.7 25.3 37.9#
84 123.2 66.2 99.4#

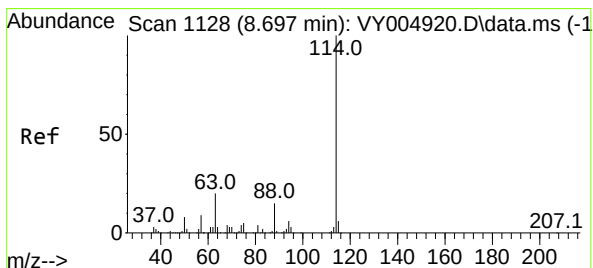
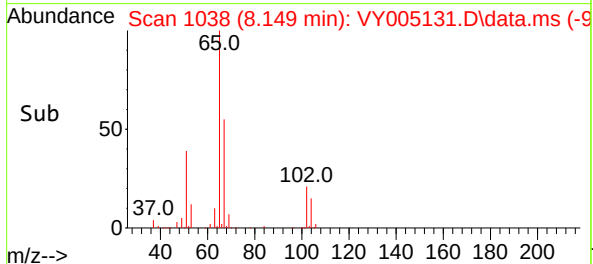
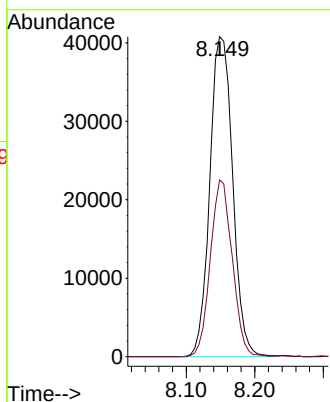
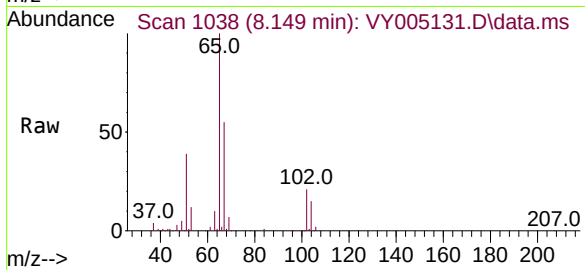




#33
1,2-Dichloroethane-d4
Concen: 59.32 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

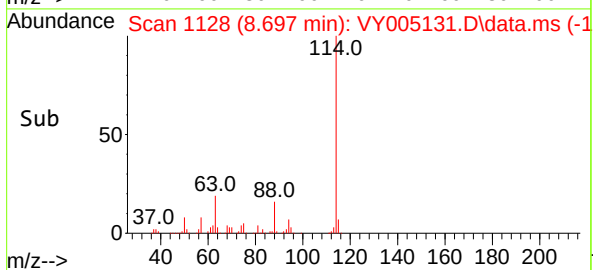
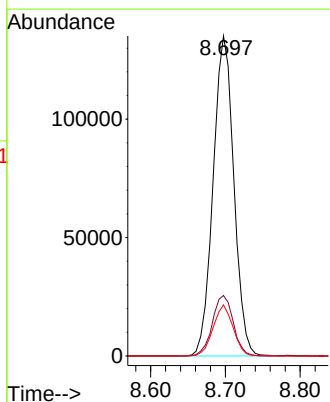
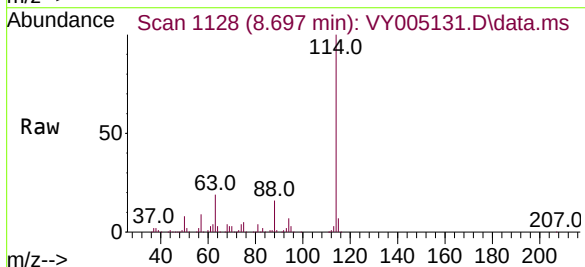
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17-B6(108-112)

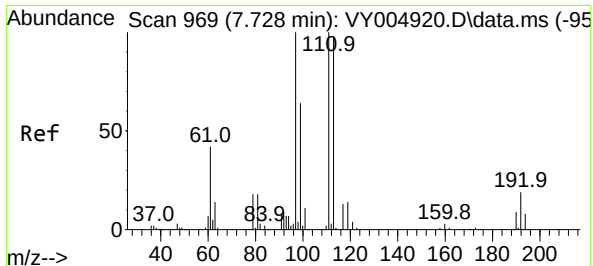
Tgt Ion: 65 Resp: 94448
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

Tgt Ion: 114 Resp: 260697
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.0
88 15.9 0.0 30.6

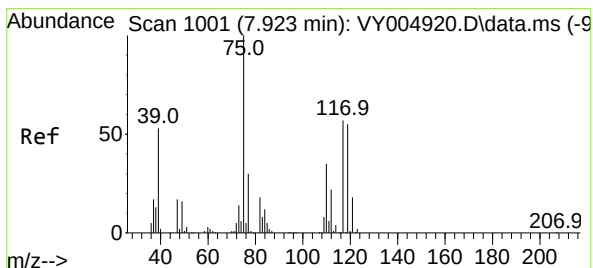
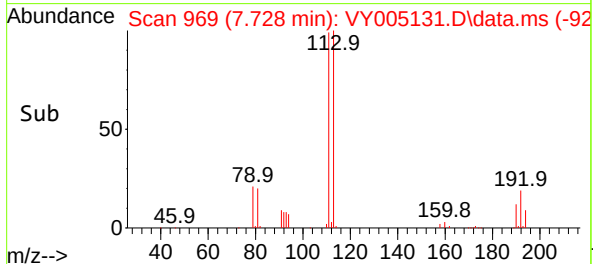
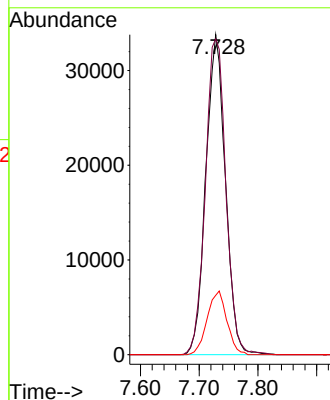
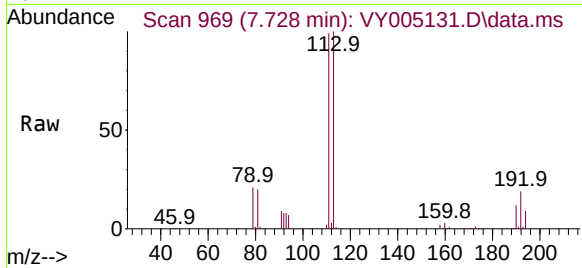




#35
Dibromofluoromethane
Concen: 55.83 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

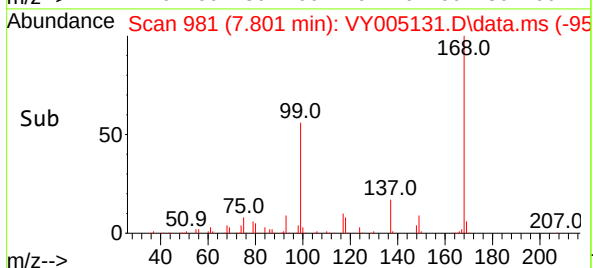
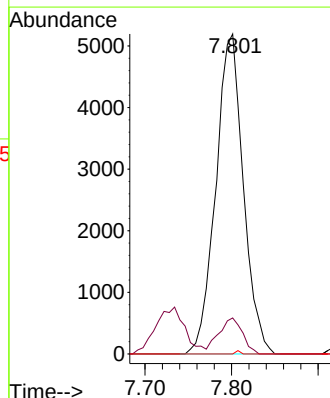
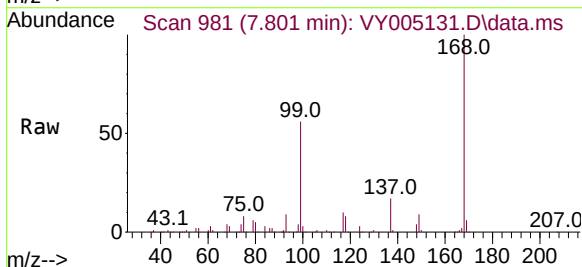
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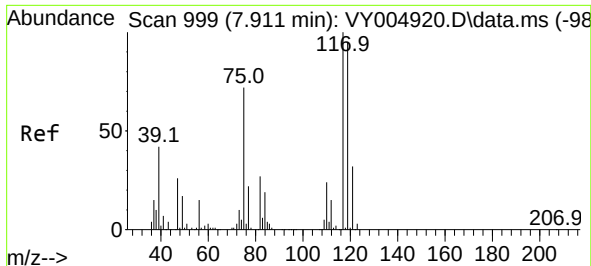
Tgt Ion:	113	Resp:	78306
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	20.0	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

Tgt Ion:	75	Resp:	11465
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.5	52.5#
77	0.2	25.1	37.7#

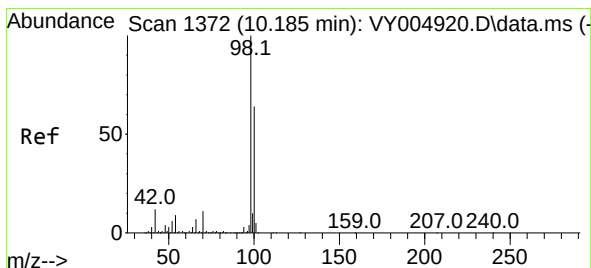
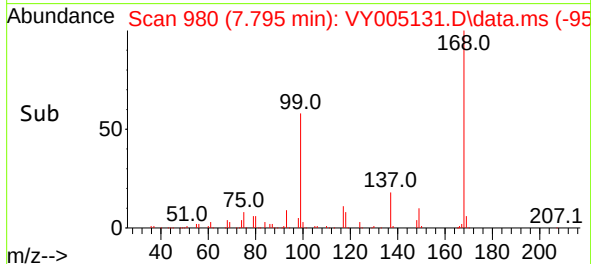
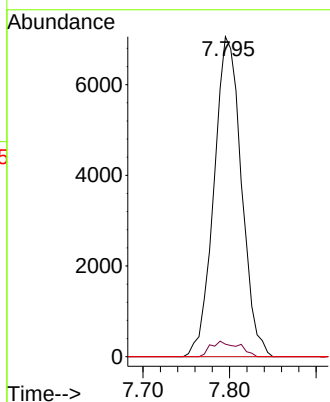
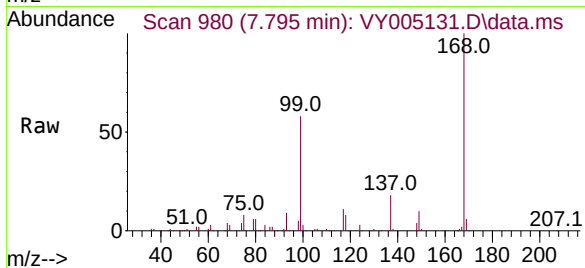




#38
Carbon Tetrachloride
Concen: 7.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

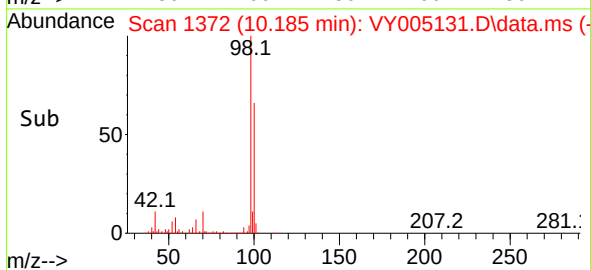
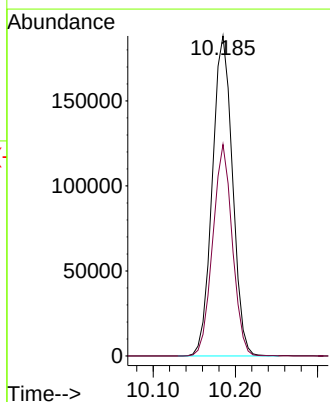
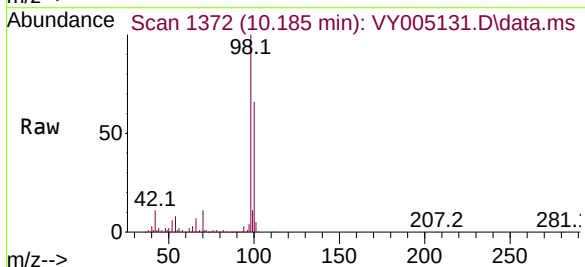
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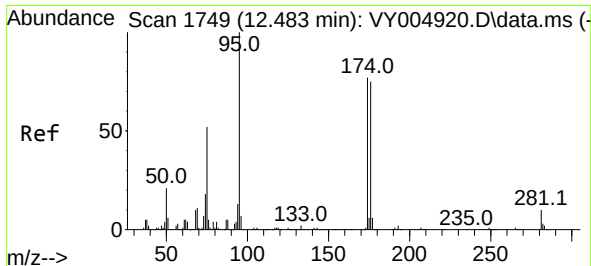
Tgt Ion:117 Resp: 15553
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

Tgt Ion: 98 Resp: 321022
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

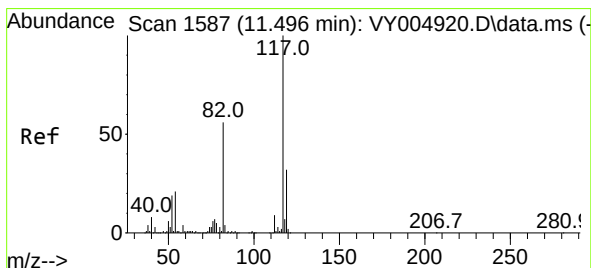
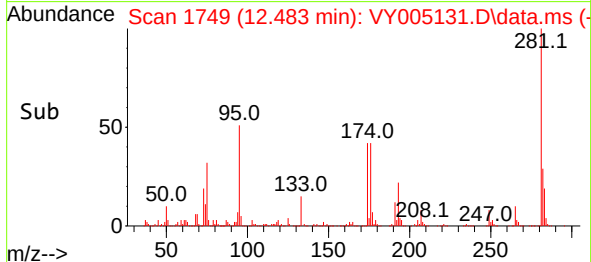
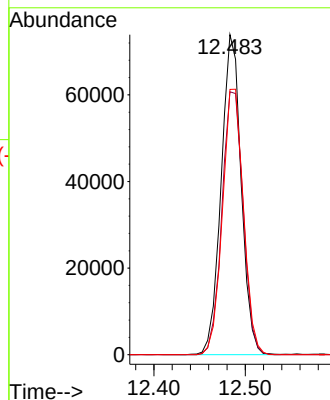
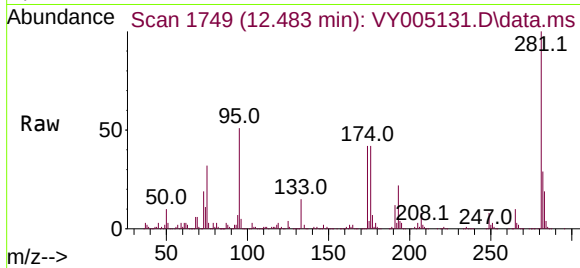




#62
4-Bromofluorobenzene
Concen: 56.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

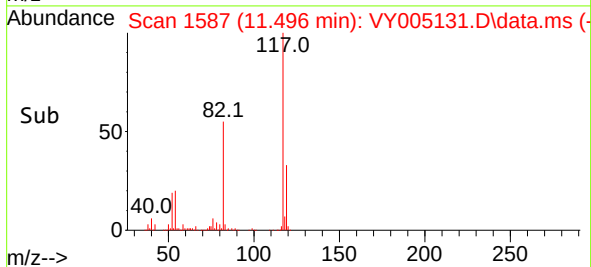
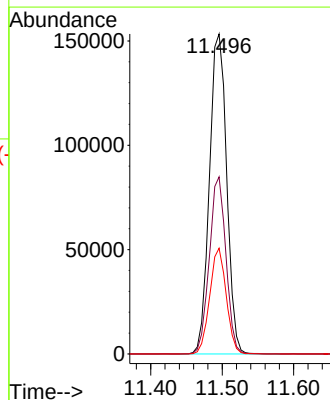
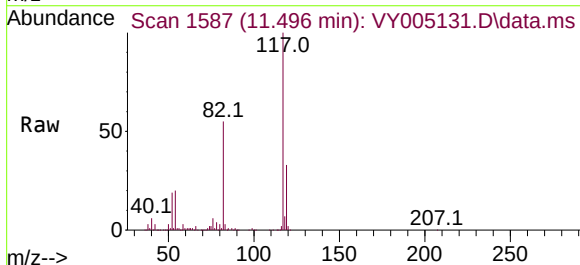
Instrument :
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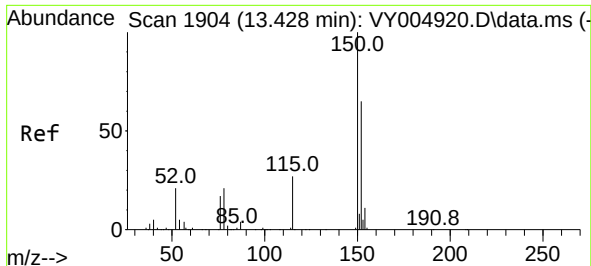
Tgt Ion: 95 Resp: 112516
Ion Ratio Lower Upper
95 100
174 86.9 0.0 160.8
176 86.8 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005131.D
Acq: 11 Jun 2021 17:49

Tgt Ion: 117 Resp: 256640
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 33.0 25.2 37.8

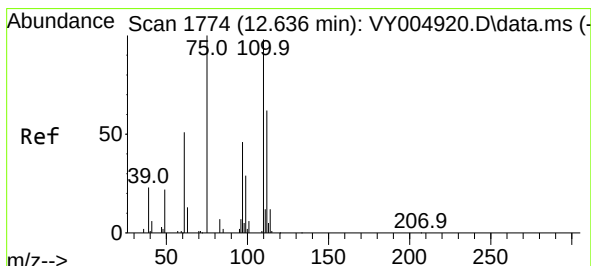
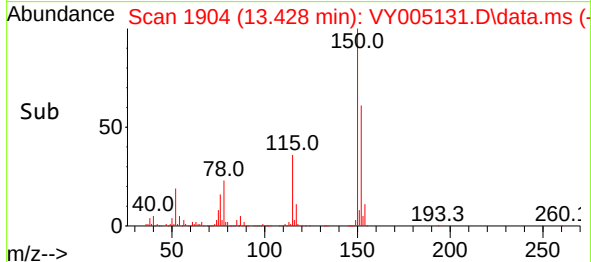
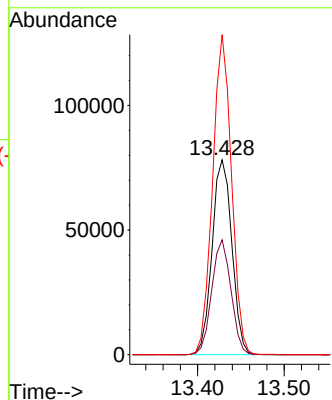
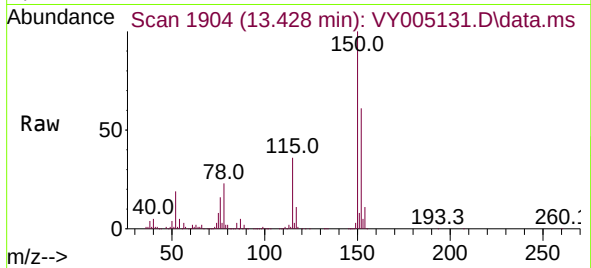




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005131.D
 Acq: 11 Jun 2021 17:49

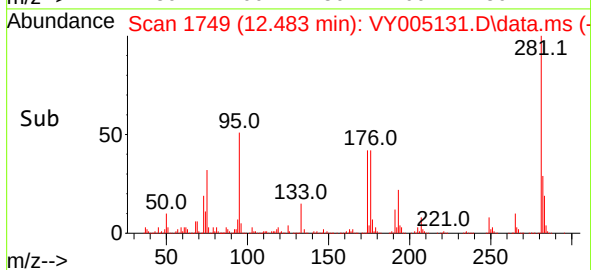
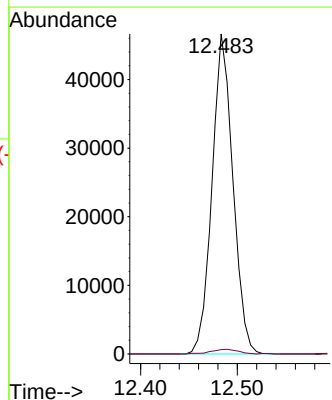
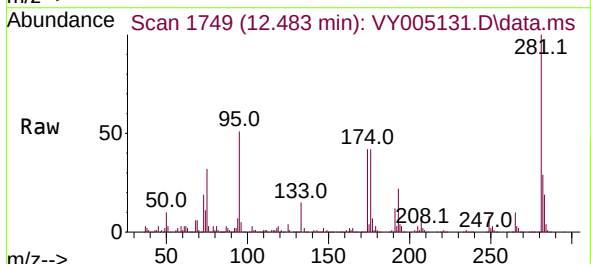
Instrument :
 MSVOA_Y
 ClientSampleId :
 17-B6(108-112)

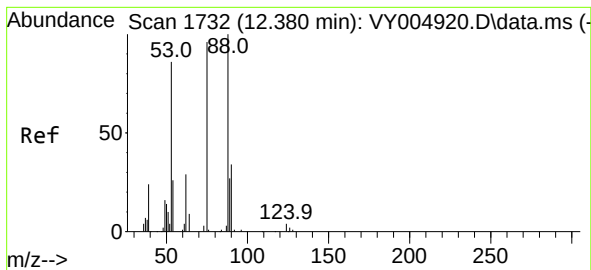
Tgt Ion:152 Resp: 124075
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.9 89.7
 150 157.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 51.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005131.D
 Acq: 11 Jun 2021 17:49

Tgt Ion: 75 Resp: 69882
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.42 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005131.D
 Acq: 11 Jun 2021 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 17-B6(108-112)

Tgt Ion: 75 Resp: 69882
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.3 103.9#
 89 4.3 35.0 52.6#

