

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004934.D
 Acq On : 03 Jun 2021 14:16
 Operator : SY/MD
 Sample : M2589-04
 Misc : 11.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:15:34 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)

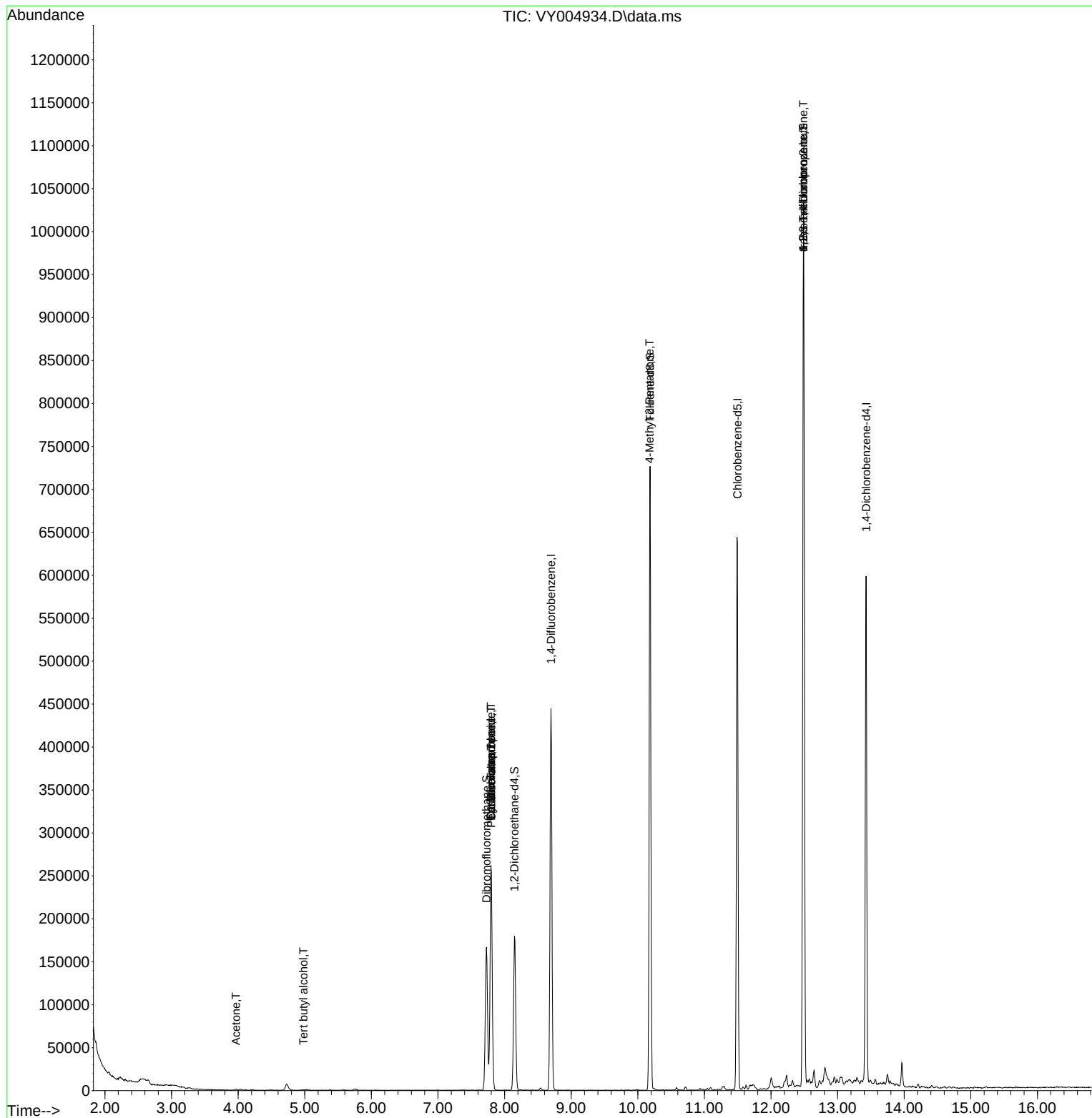
Internal Standards						
1) Pentafluorobenzene	7.801	168	195166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	372148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	344289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136079	65.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.90%
35) Dibromofluoromethane	7.728	113	117643	58.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.52%
50) Toluene-d8	10.185	98	457726	55.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.10%
62) 4-Bromofluorobenzene	12.483	95	157988	55.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.48%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	659	2.78	ug/l #	74
16) Acetone	3.966	43	1782	3.59	ug/l #	86
20) Methylene Chloride	4.729	84	5120	Below	Cal	96
31) Cyclohexane	7.795	56	4590	1.26	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16212	4.45	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19533	6.16	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2402	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	88716	56.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88716	104.21	ug/l #	16

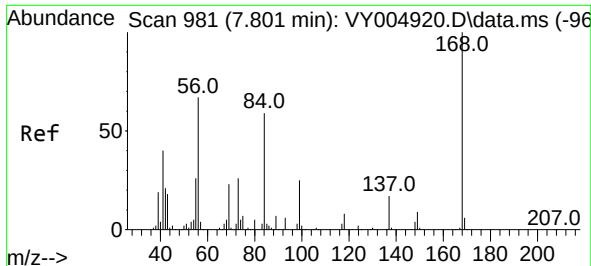
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

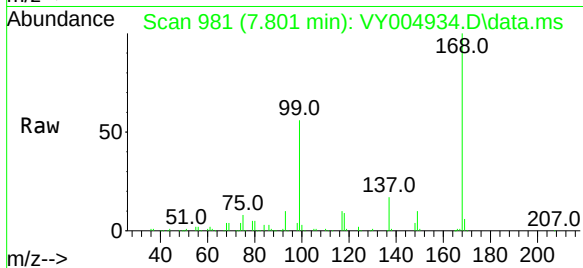
Quant Time: Jun 04 01:15:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



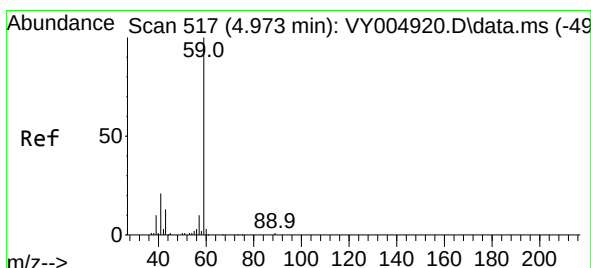
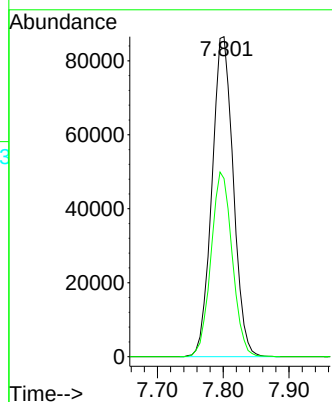
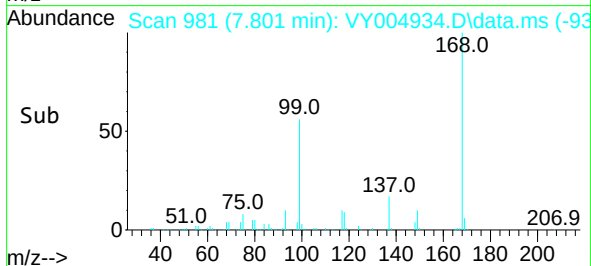


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

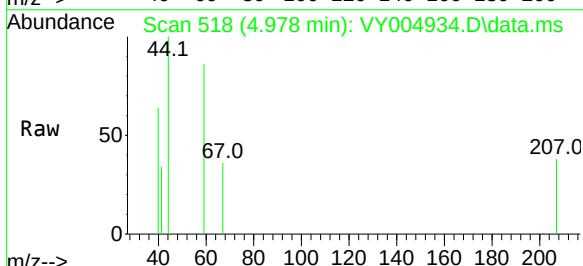
Instrument :
MSVOA_Y
ClientSampleId :



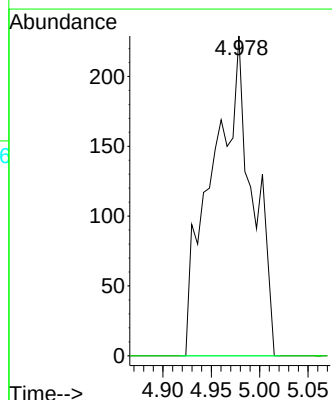
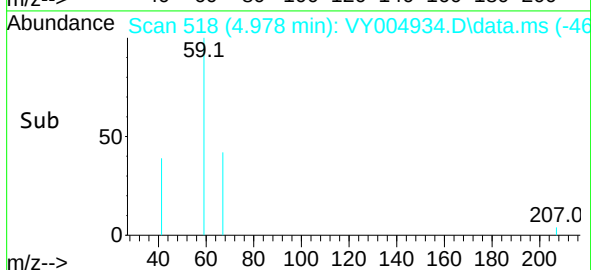
Tgt Ion:168 Resp: 195166
Ion Ratio Lower Upper
168 100
99 55.7 43.9 65.9

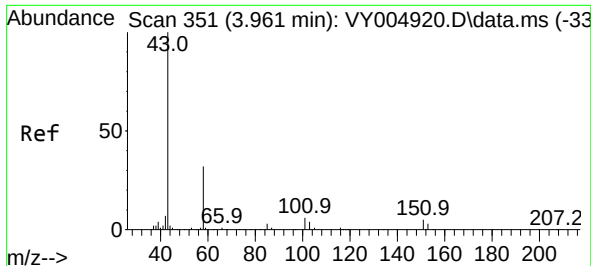


#11
Tert butyl alcohol
Concen: 2.78 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16



Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

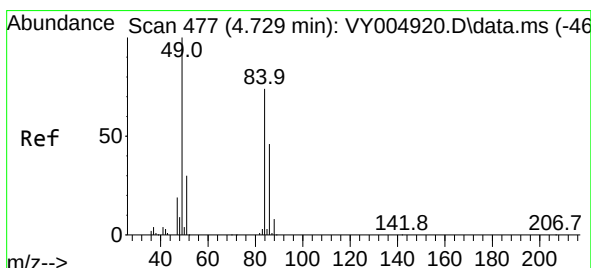
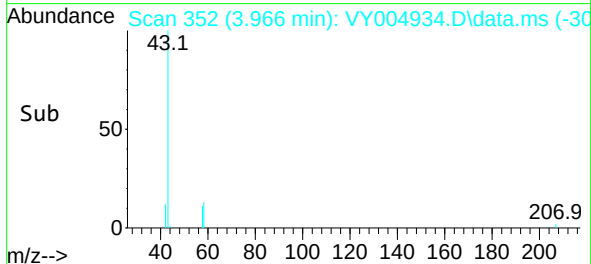
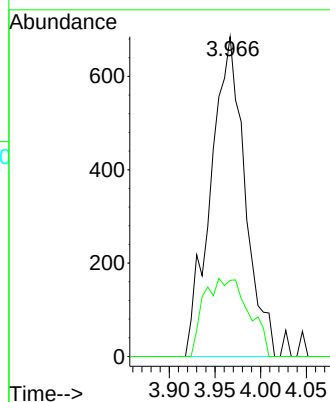
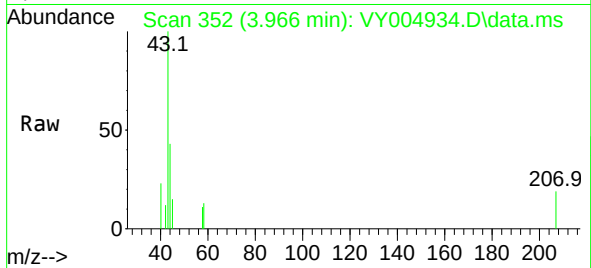




#16
Acetone
Concen: 3.59 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

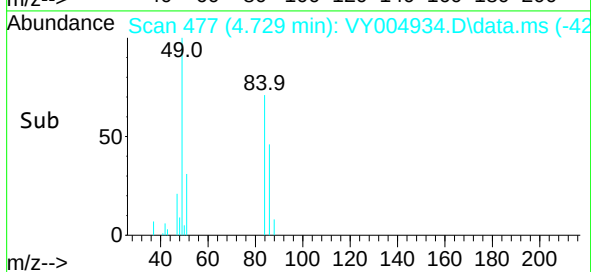
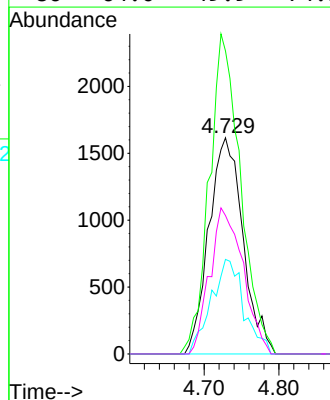
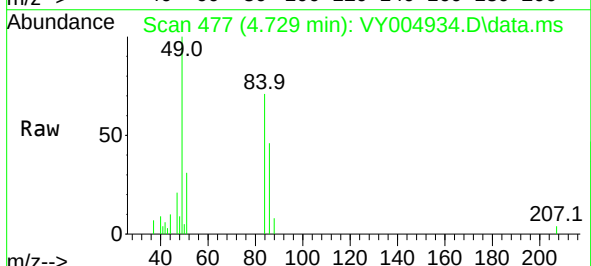
Instrument :
MSVOA_Y
ClientSampleId :

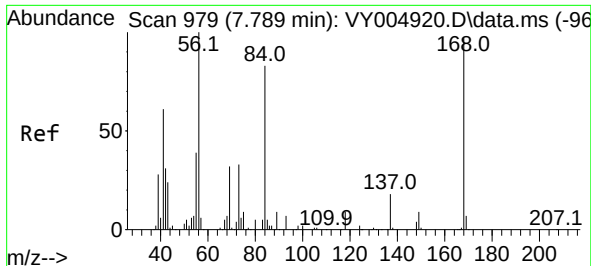
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 23.8 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

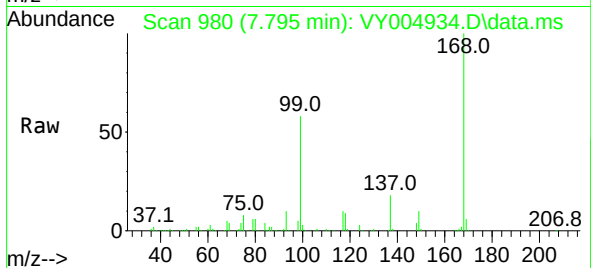
Tgt Ion: 84 Resp: 5120
Ion Ratio Lower Upper
84 100
49 140.2 108.0 162.0
51 43.8 32.6 48.8
86 64.0 49.9 74.9



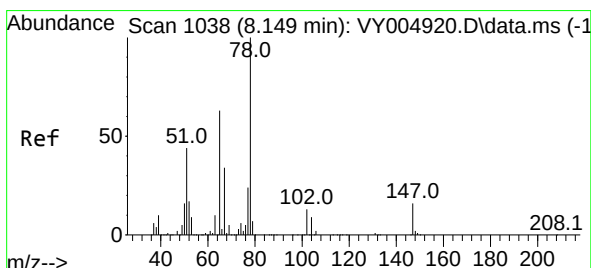
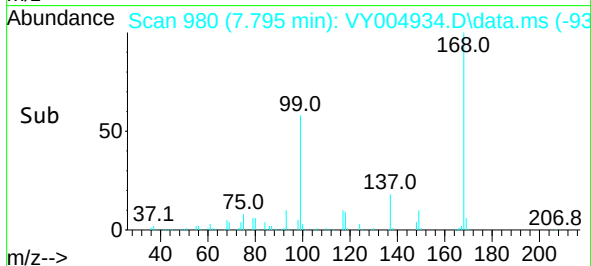
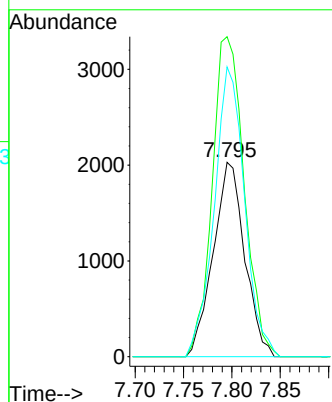


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

Instrument :
MSVOA_Y
ClientSampled :

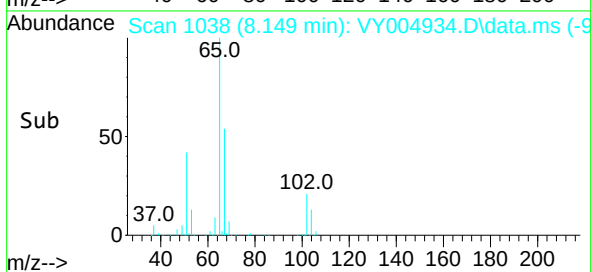
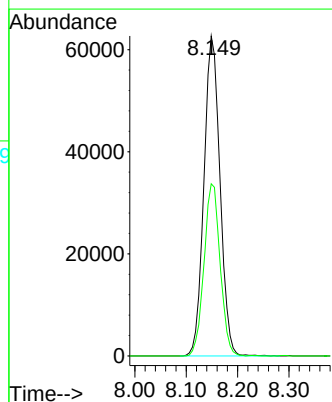
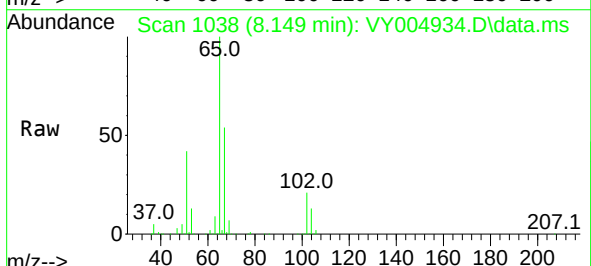


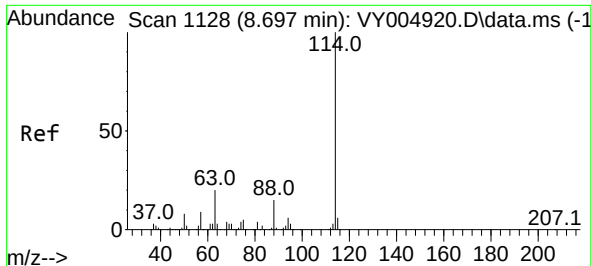
Tgt Ion: 56 Resp: 4590
Ion Ratio Lower Upper
56 100
69 164.7 25.3 37.9#
84 149.1 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 65.95 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

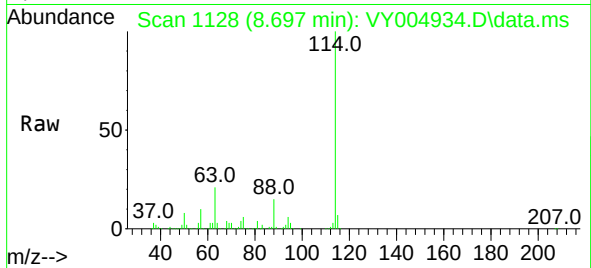
Tgt Ion: 65 Resp: 136079
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6



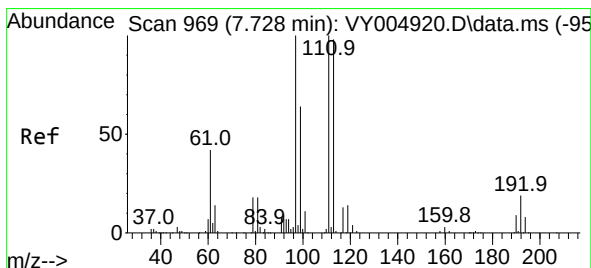
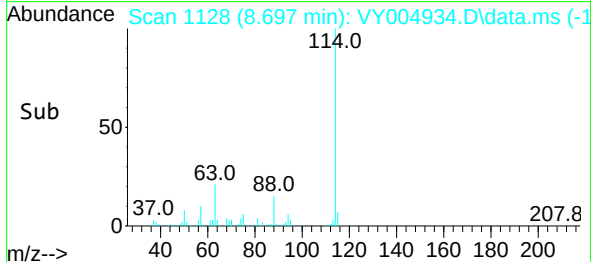
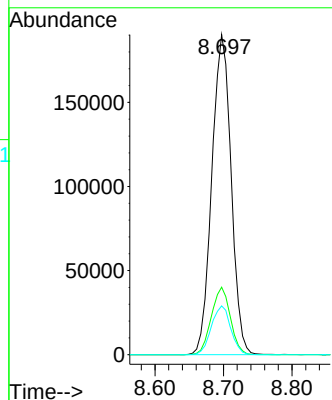


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :

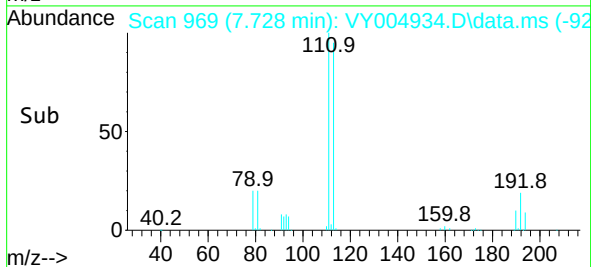
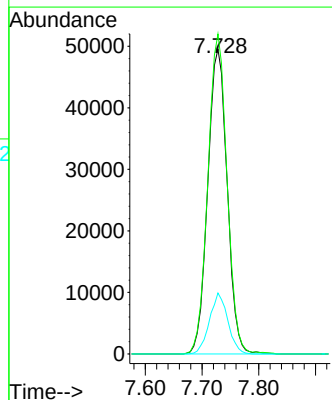
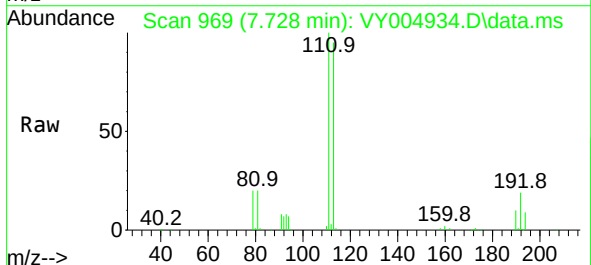


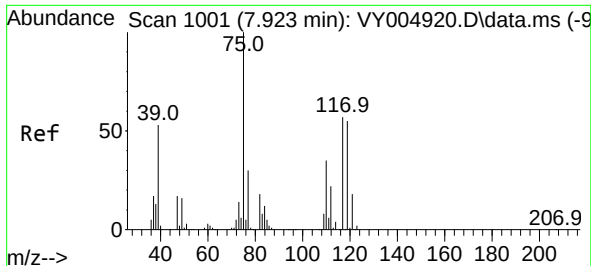
Tgt Ion:114 Resp: 372148
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.0
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.76 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

Tgt Ion:113 Resp: 117643
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 18.9 15.3 22.9

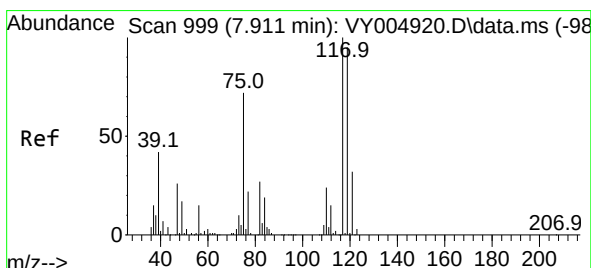
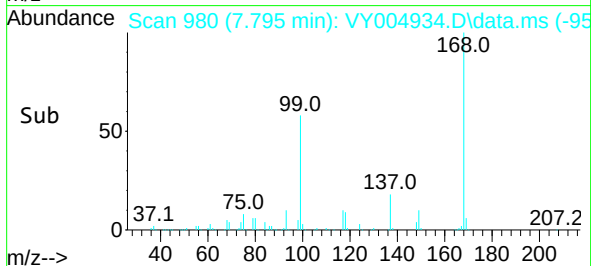
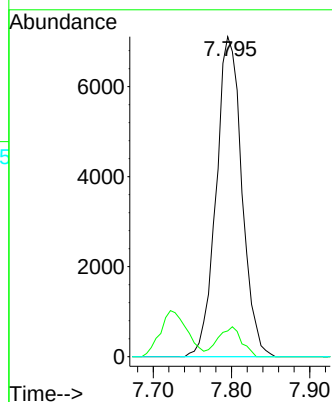
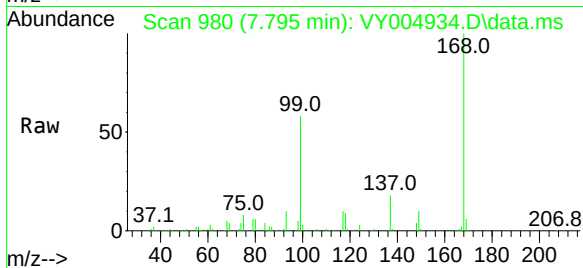




#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

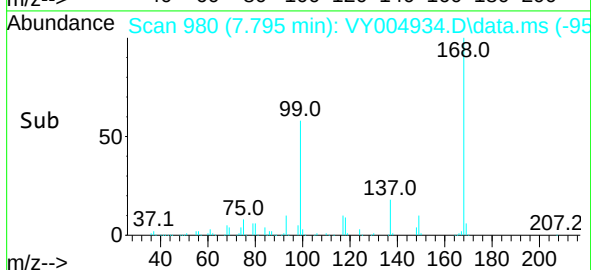
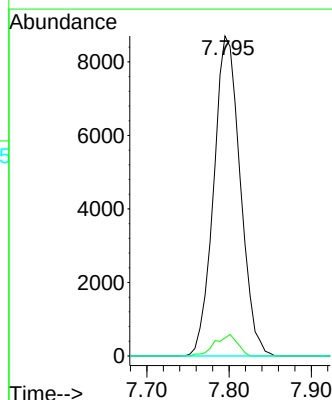
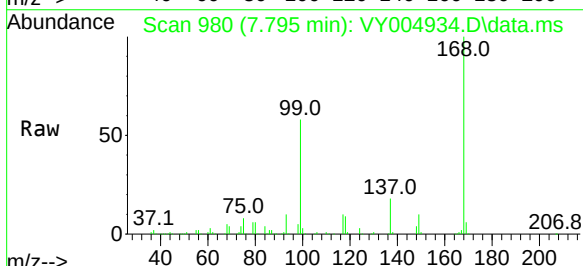
Instrument :
MSVOA_Y
ClientSampleId :

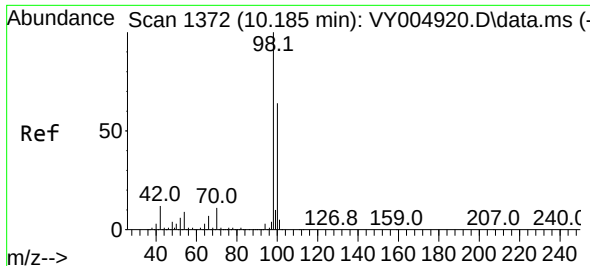
Tgt Ion: 75 Resp: 16212
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

Tgt Ion: 117 Resp: 19533
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 25.5 38.3#

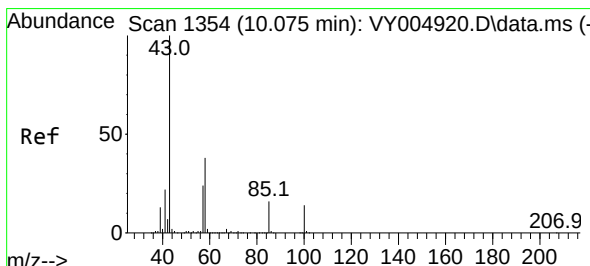
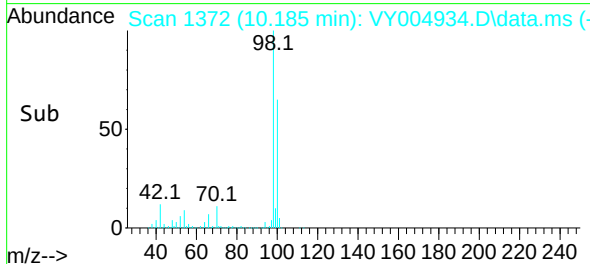
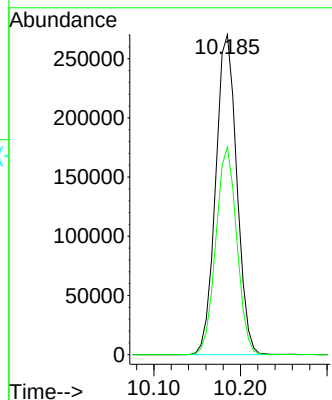
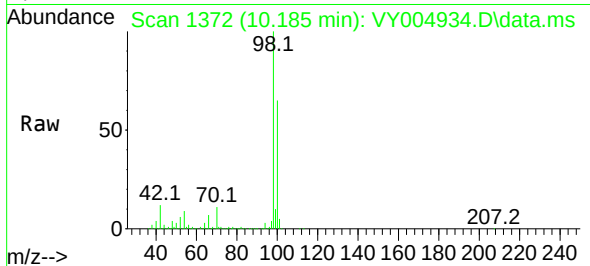




#50
Toluene-d8
Concen: 55.05 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

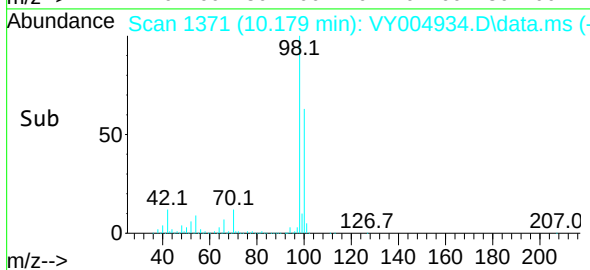
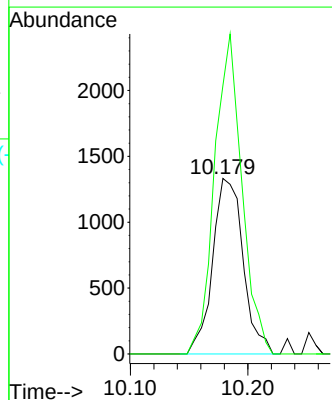
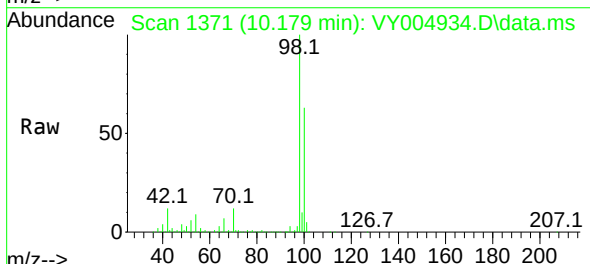
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ClientSampleId :

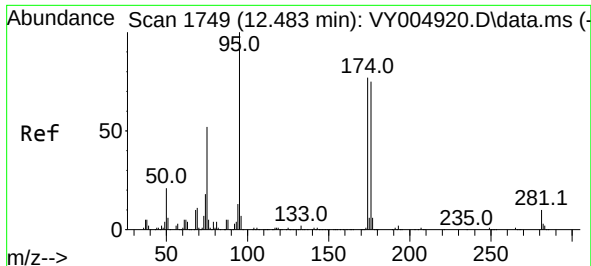
Tgt Ion: 98 Resp: 457726
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

Tgt Ion: 43 Resp: 2402
Ion Ratio Lower Upper
43 100
58 164.1 30.6 46.0#

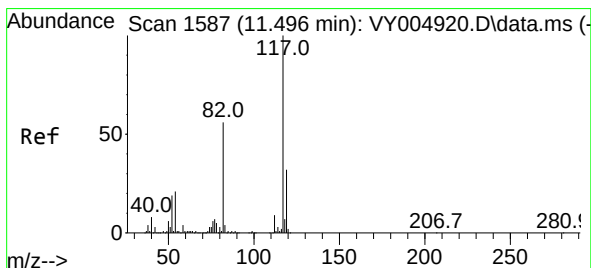
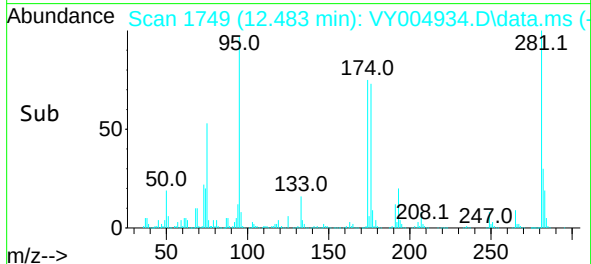
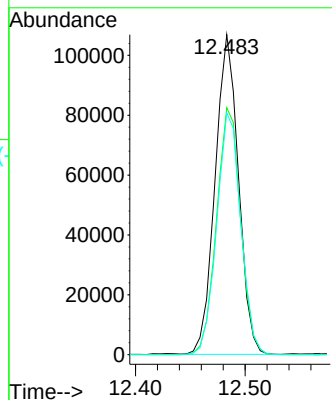
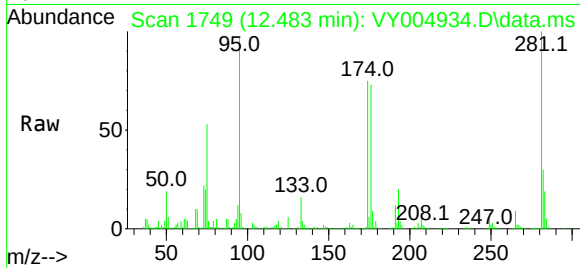




#62
4-Bromofluorobenzene
Concen: 55.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

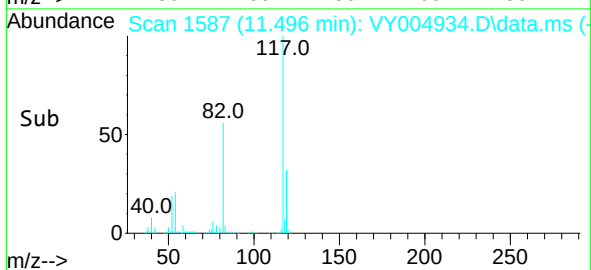
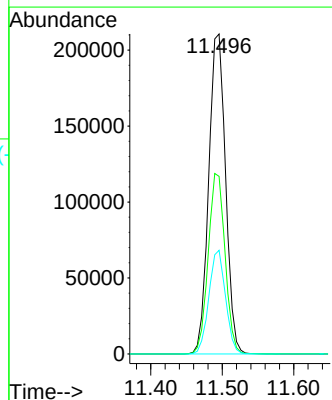
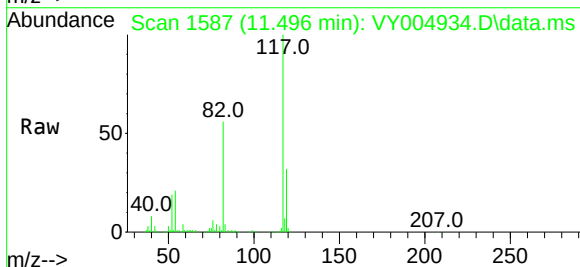
Instrument :
MSVOA_Y
ClientSampleId :

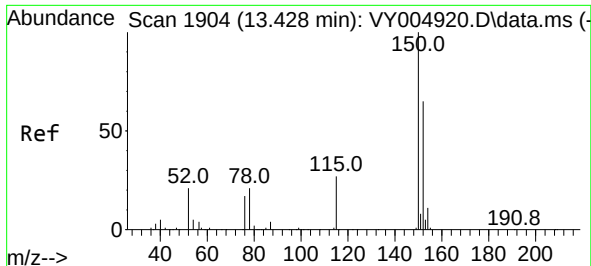
Tgt Ion: 95 Resp: 157988
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.8
176 78.0 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

Tgt Ion: 117 Resp: 344289
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 32.4 25.2 37.8

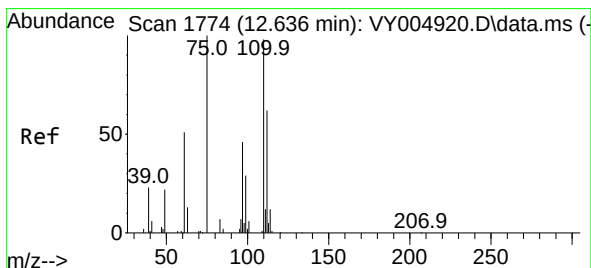
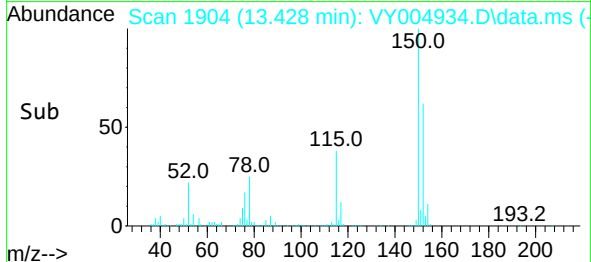
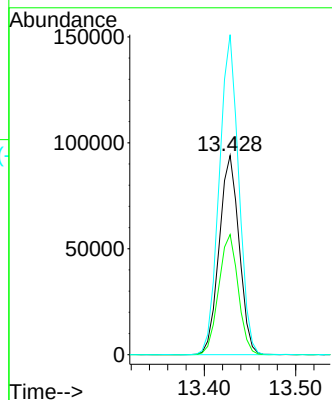
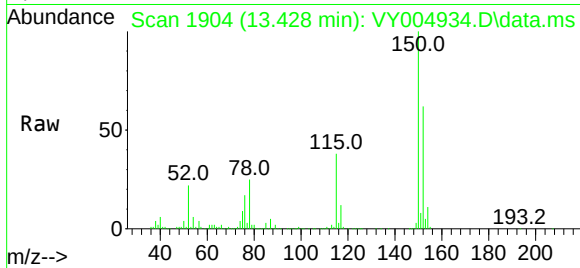




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

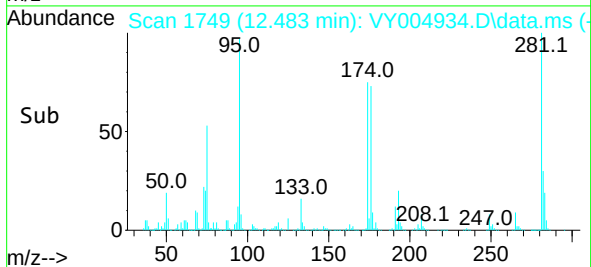
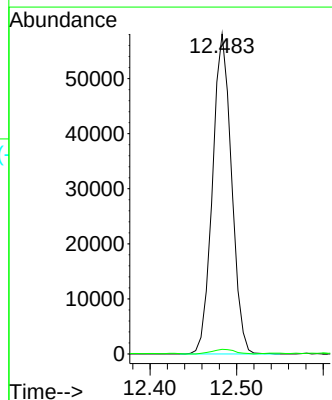
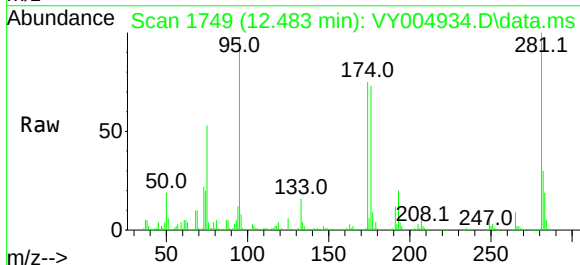
Instrument :
MSVOA_Y
ClientSampleId :

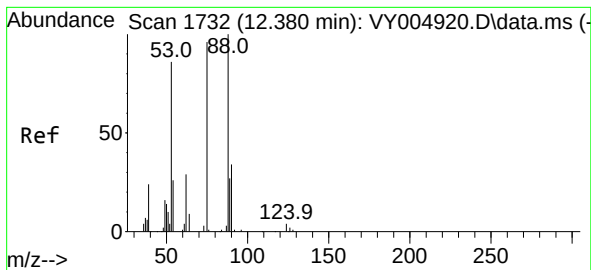
Tgt Ion:152 Resp: 142721
Ion Ratio Lower Upper
152 100
115 59.1 29.9 89.7
150 156.9 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 56.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004934.D
Acq: 03 Jun 2021 14:16

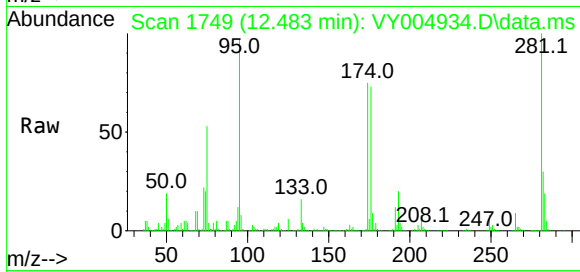
Tgt Ion: 75 Resp: 88716
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.21 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004934.D
 Acq: 03 Jun 2021 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 88716
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.3 103.9#
 89 2.5 35.0 52.6#

