

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004425.D
 Acq On : 14 Apr 2021 16:36
 Operator : SY/MD
 Sample : M2036-06
 Misc : 6.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-80-W-ROCKAWAY-B-1

Quant Time: Apr 15 01:09:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

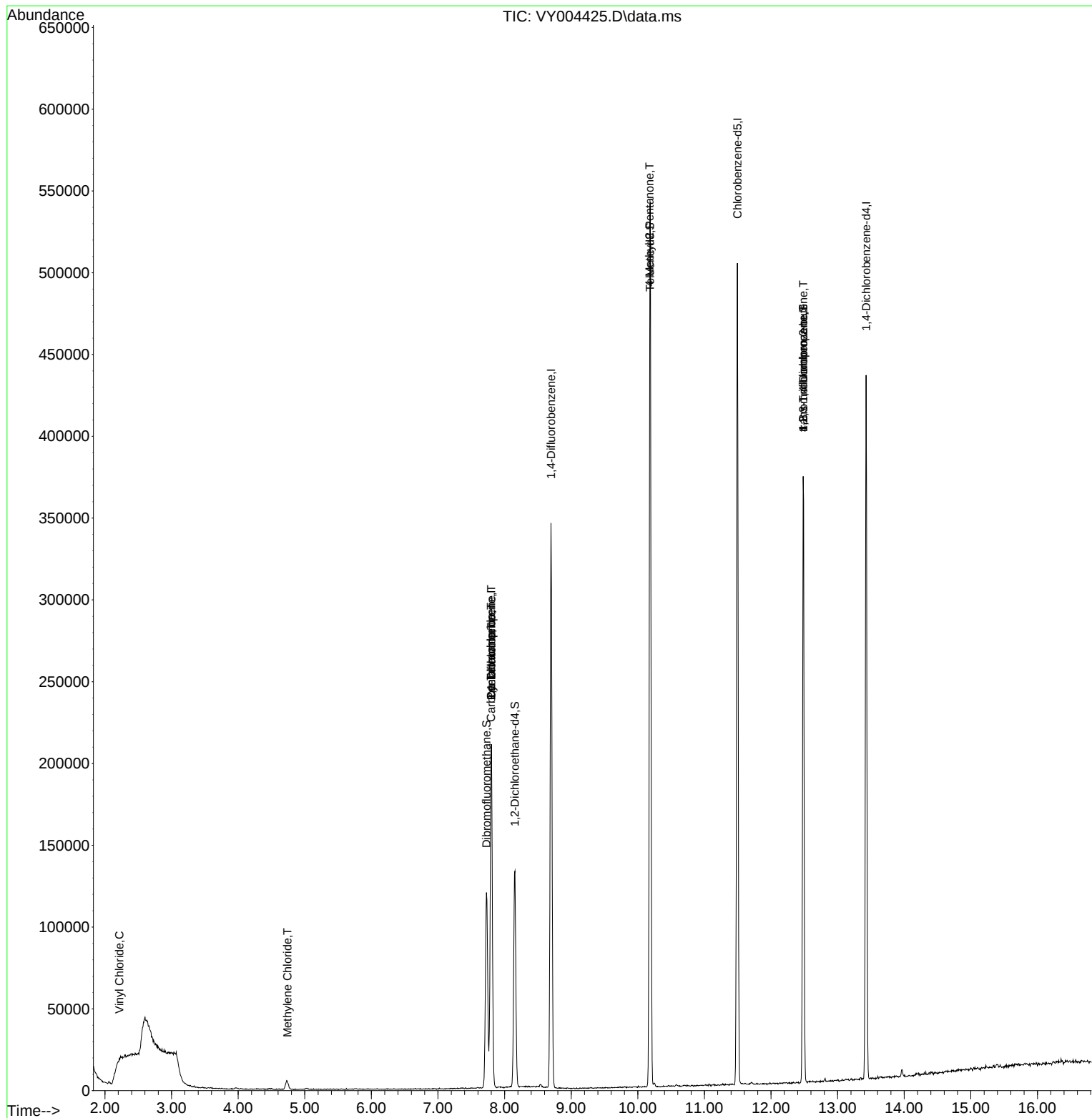
Internal Standards						
1) Pentafluorobenzene	7.801	168	159556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	275501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	254869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	102626	57.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.78%
35) Dibromofluoromethane	7.728	113	84017	54.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.90%
50) Toluene-d8	10.185	98	339039	52.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.26%
62) 4-Bromofluorobenzene	12.483	95	108750	49.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.56%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.216	62	9814	4.35	ug/l #	43
16) Acetone	3.960	43	1437	Below Cal	#	80
20) Methylene Chloride	4.740	84	3808	2.22	ug/l #	79
31) Cyclohexane	7.801	56	3579	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	12627	4.61	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15818	6.68	ug/l #	17
51) 4-Methyl-2-Pentanone	10.178	43	1829	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	60011	54.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60011	97.11	ug/l #	12

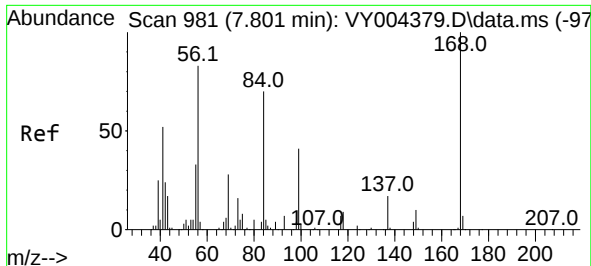
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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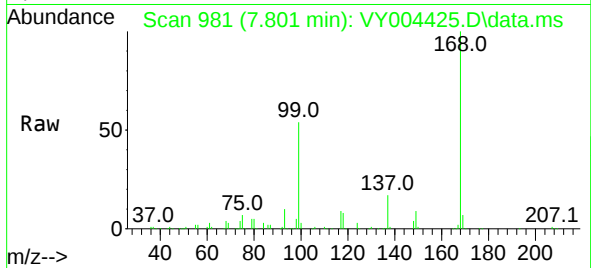
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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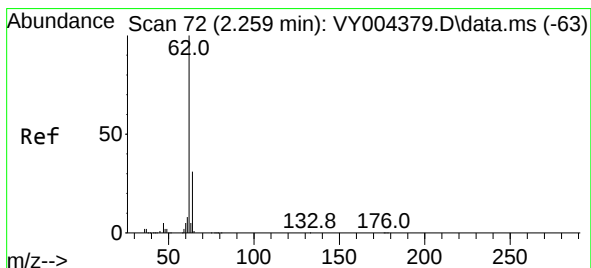
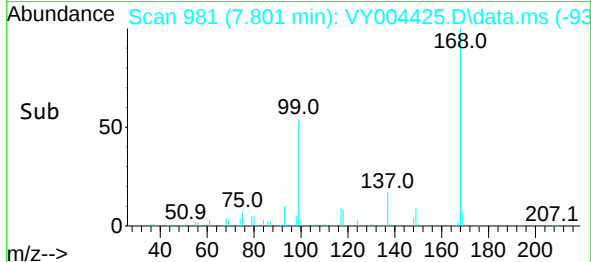
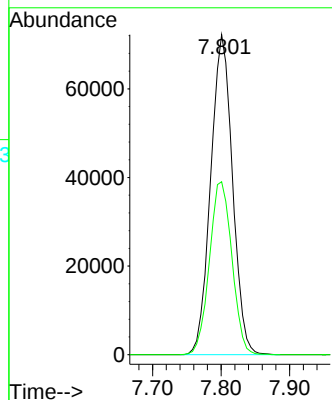


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

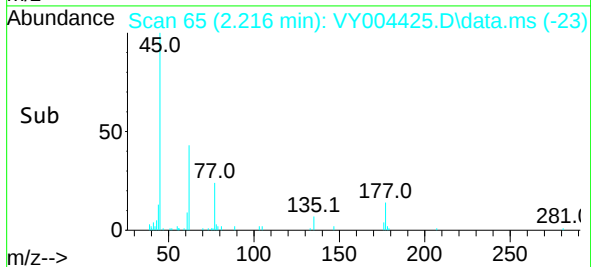
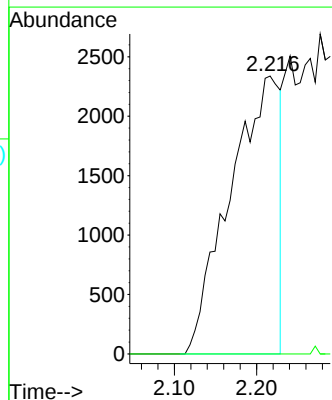
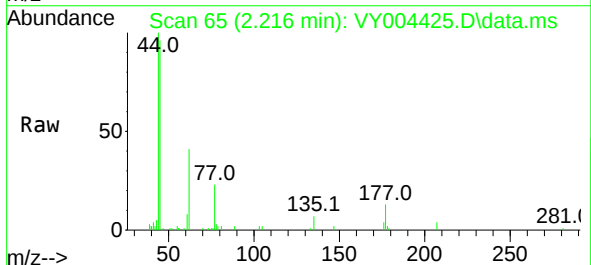


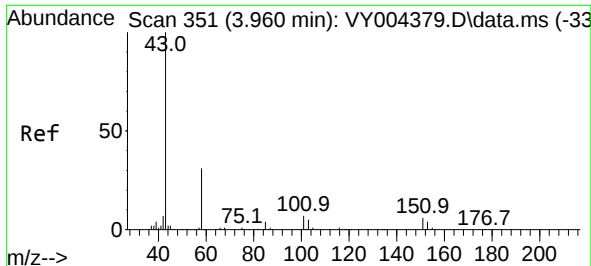
Tgt Ion:168 Resp: 159556
Ion Ratio Lower Upper
168 100
99 54.1 45.5 68.3



#4
Vinyl Chloride
Concen: 4.35 ug/l
RT: 2.216 min Scan# 65
Delta R.T. -0.043 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

Tgt Ion: 62 Resp: 9814
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

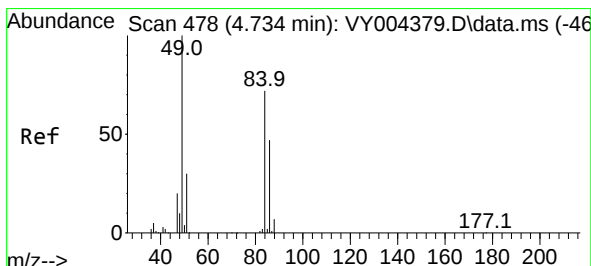
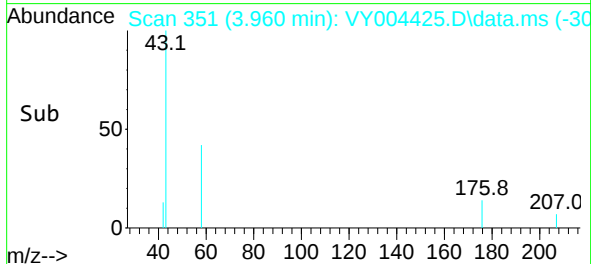
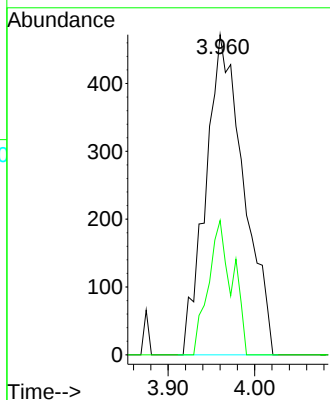
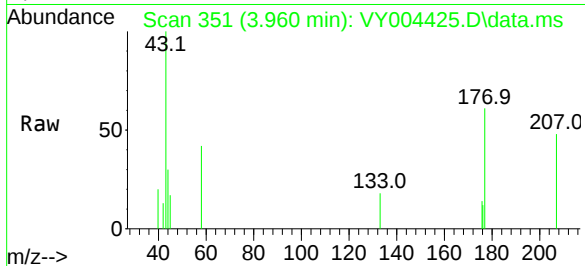




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

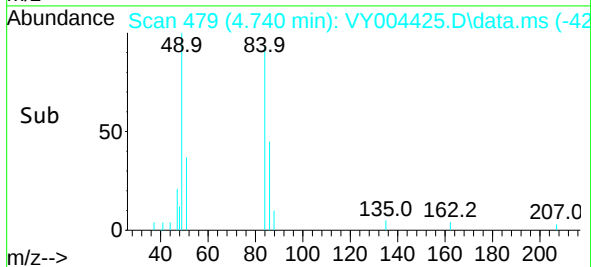
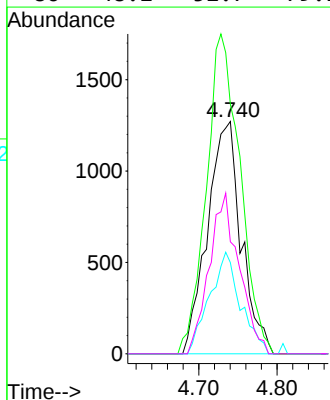
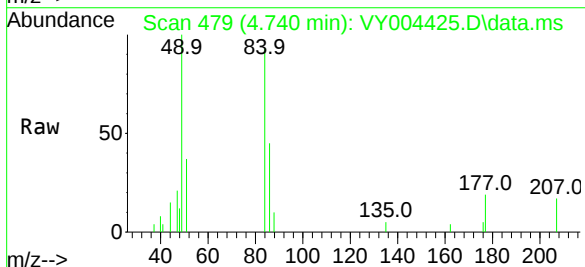
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

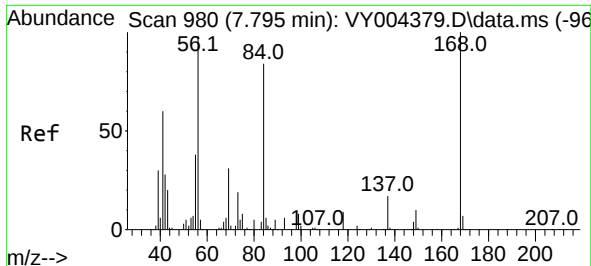
Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
58 41.9 24.6 37.0#



#20
Methylene Chloride
Concen: 2.22 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

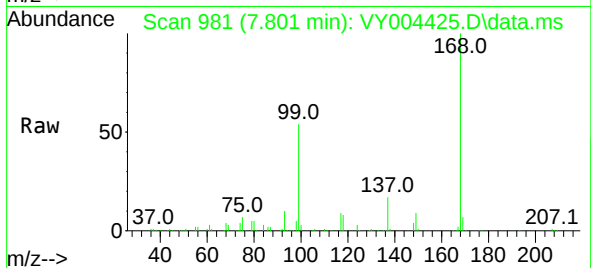
Tgt Ion: 84 Resp: 3808
Ion Ratio Lower Upper
84 100
49 107.4 111.2 166.8#
51 39.3 33.4 50.2
86 48.2 52.7 79.1#



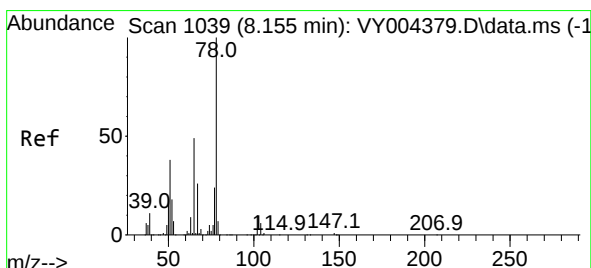
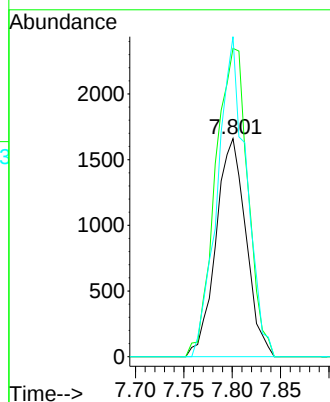
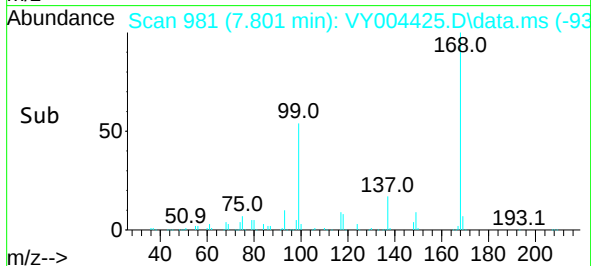


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

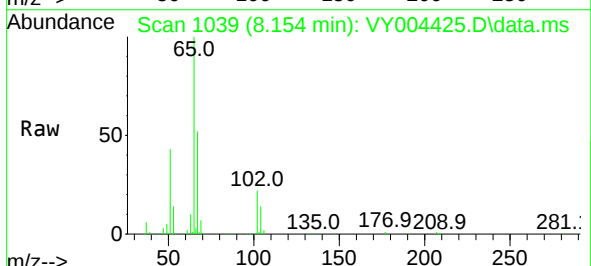
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-B-1



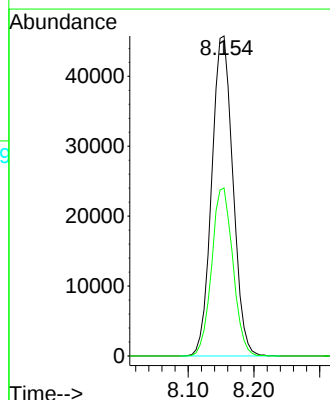
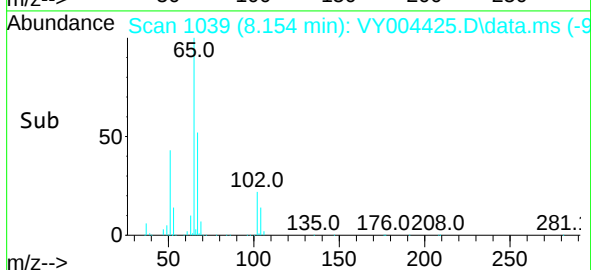
Tgt Ion: 56 Resp: 3579
Ion Ratio Lower Upper
56 100
69 141.4 25.8 38.6#
84 146.7 68.2 102.4#

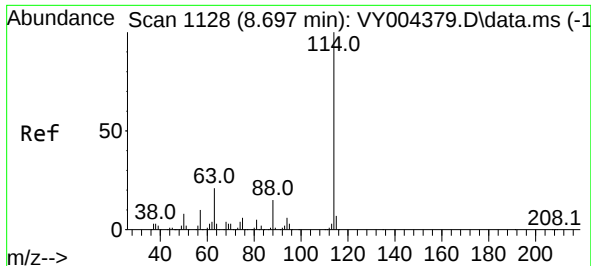


#33
1,2-Dichloroethane-d4
Concen: 57.89 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36



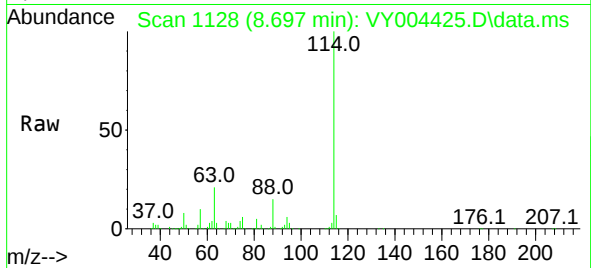
Tgt Ion: 65 Resp: 102626
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



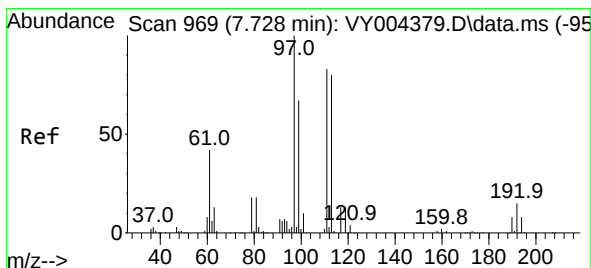
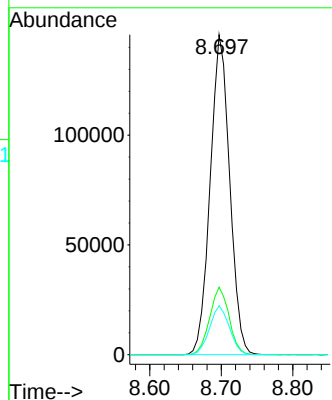
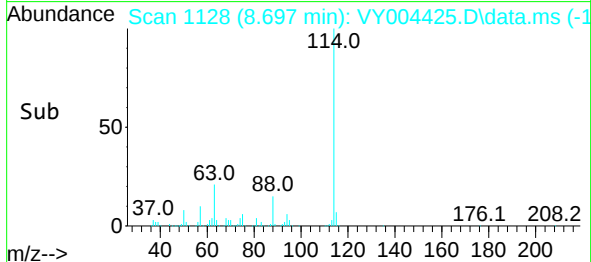


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

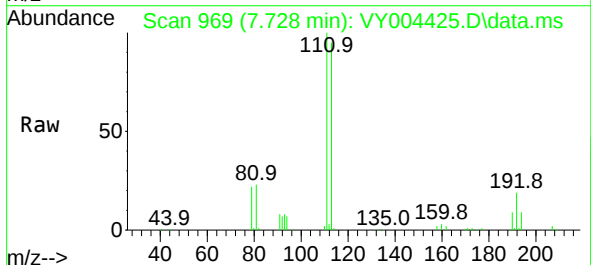
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-B-1



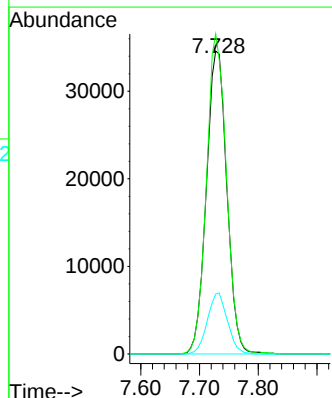
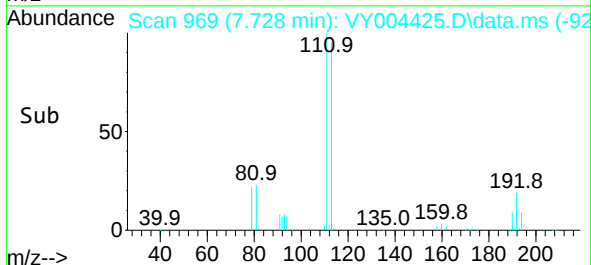
Tgt Ion:114 Resp: 275501
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.3 0.0 30.8

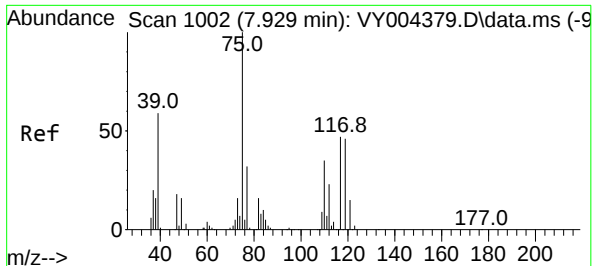


#35
Dibromofluoromethane
Concen: 54.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36



Tgt Ion:113 Resp: 84017
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 7.801 min Scan# 981

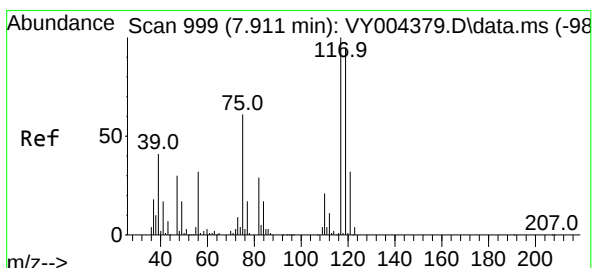
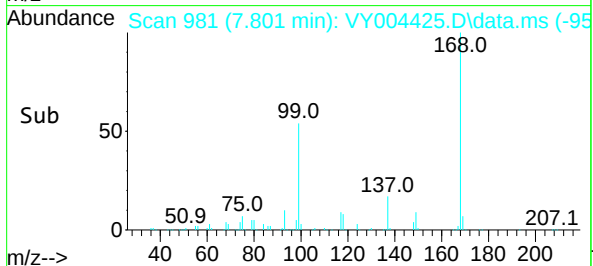
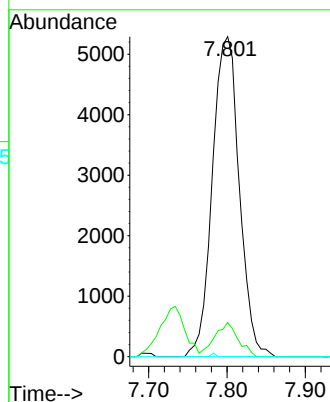
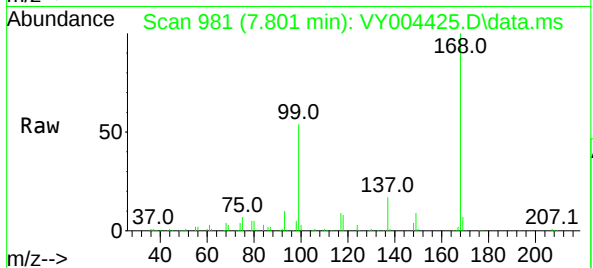
Delta R.T. -0.128 min

Lab File: VY004425.D

Acq: 14 Apr 2021 16:36

Tgt Ion:	75	Resp:	12627
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.7#
77	0.2	24.3	36.5#

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#38

Carbon Tetrachloride

Concen: 6.68 ug/l

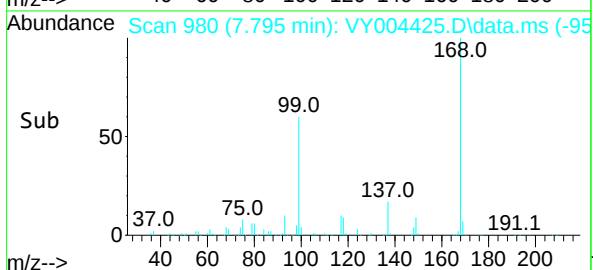
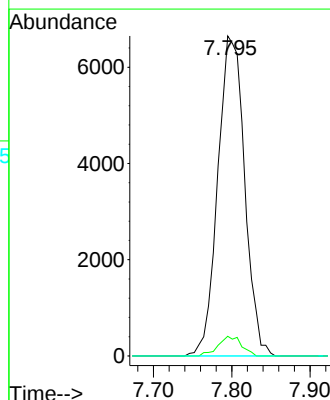
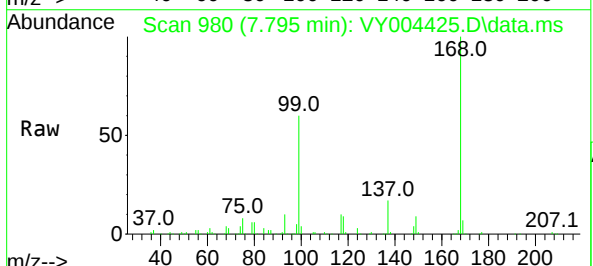
RT: 7.795 min Scan# 980

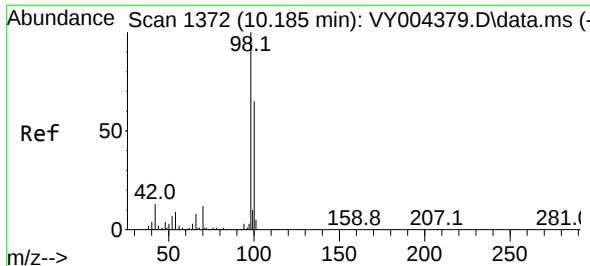
Delta R.T. -0.116 min

Lab File: VY004425.D

Acq: 14 Apr 2021 16:36

Tgt Ion:	117	Resp:	15818
Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.8	113.8#
121	0.0	25.3	37.9#

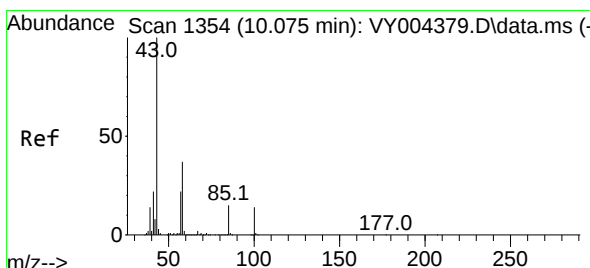
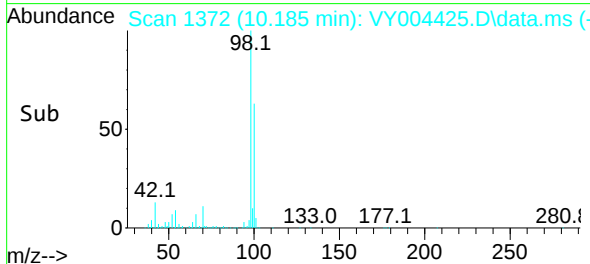
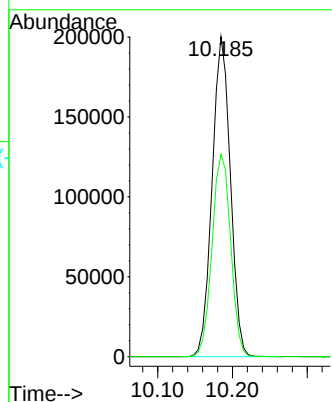
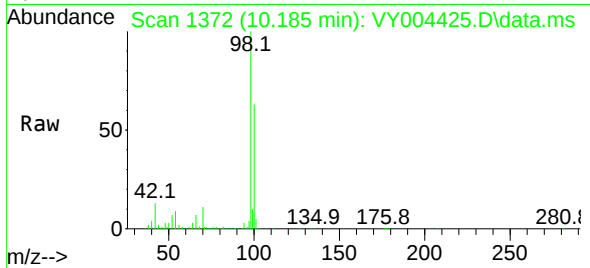




#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

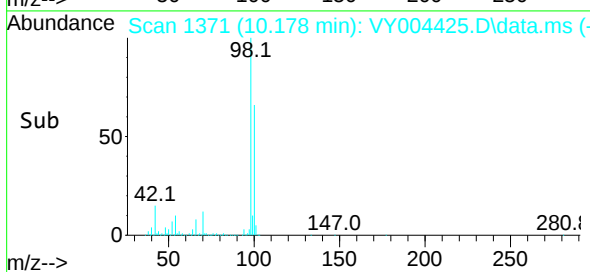
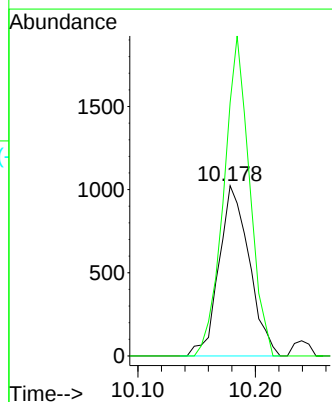
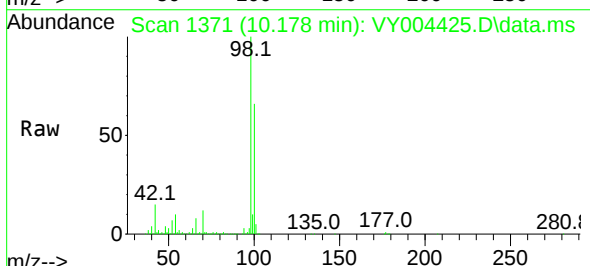
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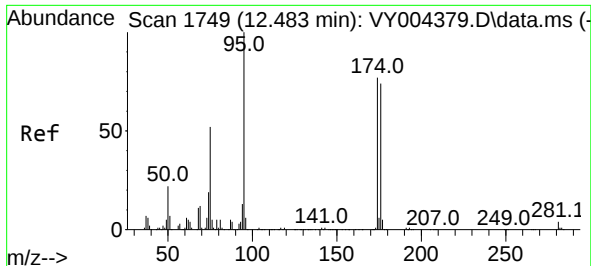
Tgt Ion: 98 Resp: 339039
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
58 160.4 29.2 43.8#

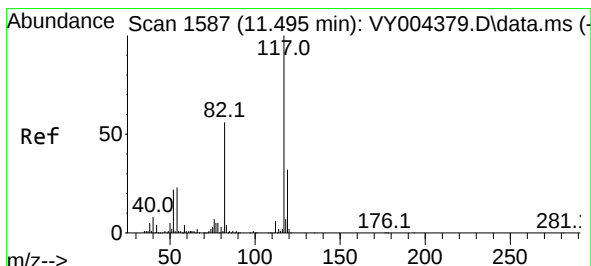
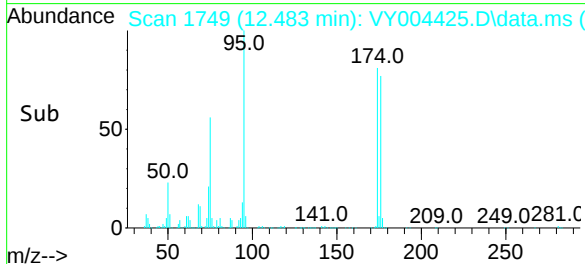
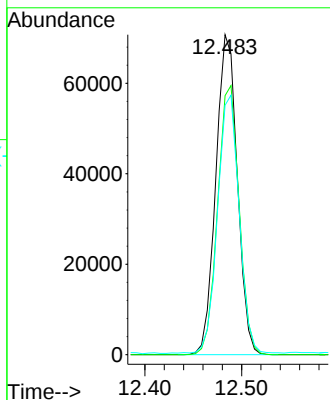
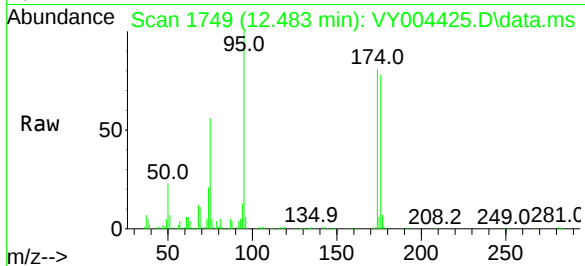




#62
4-Bromofluorobenzene
Concen: 49.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

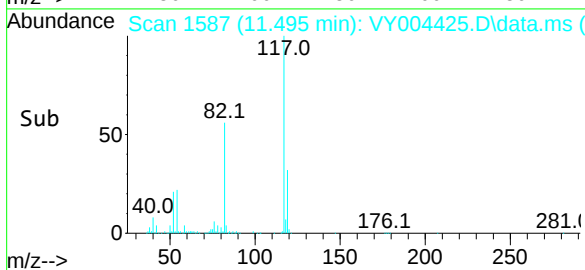
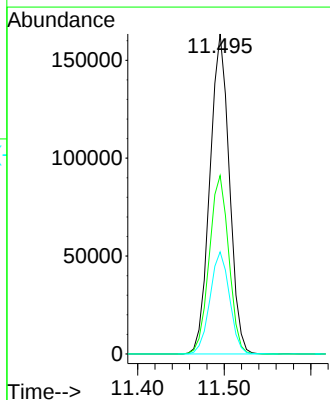
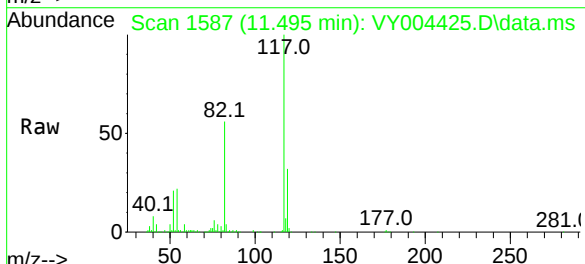
Instrument :
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RT-80-W-ROCKAWAY-B-1

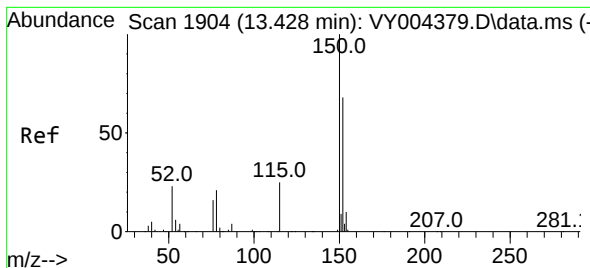
Tgt Ion: 95 Resp: 108750
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.4
176 81.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

Tgt Ion: 117 Resp: 254869
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 31.9 25.4 38.0

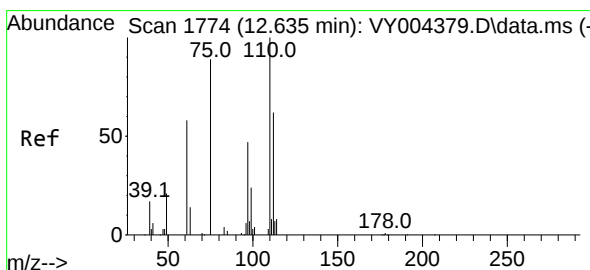
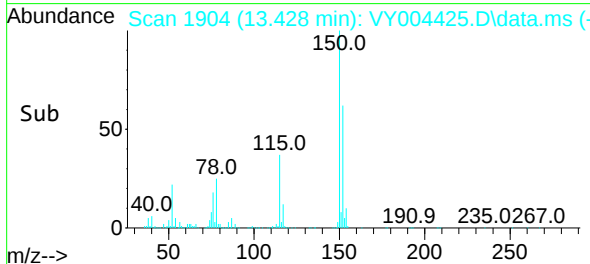
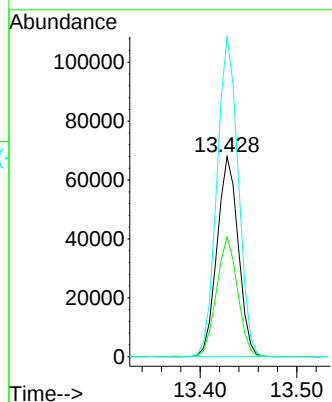
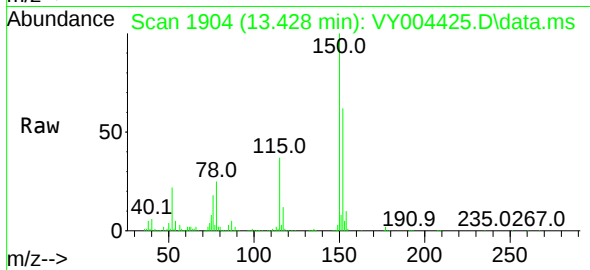




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

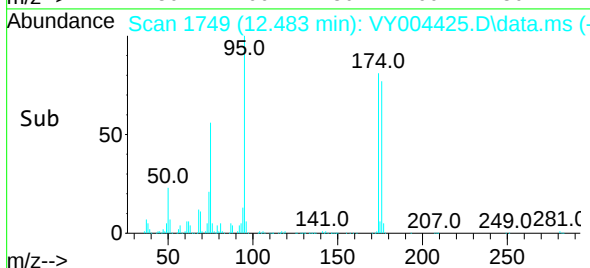
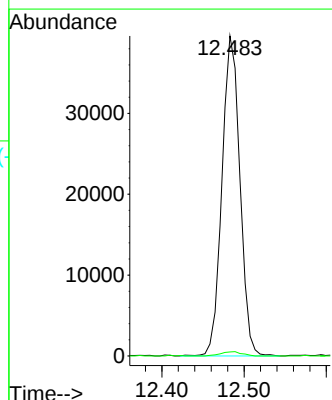
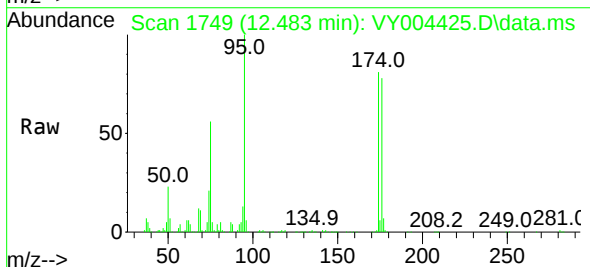
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

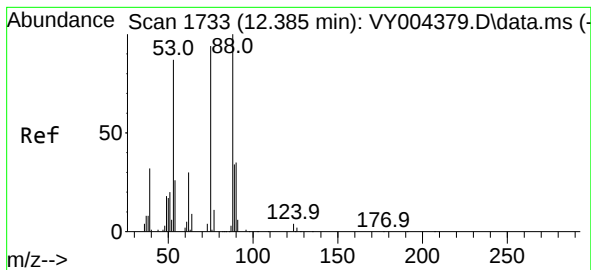
Tgt Ion:152 Resp: 103002
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.8
150 161.1 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 54.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004425.D
Acq: 14 Apr 2021 16:36

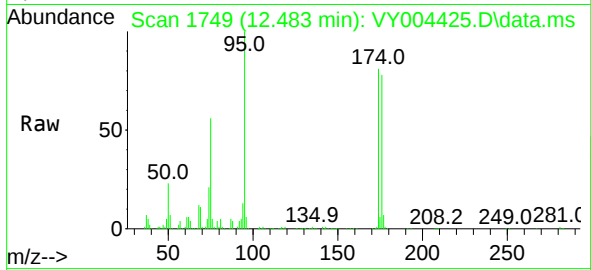
Tgt Ion: 75 Resp: 60011
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.11 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004425.D
 Acq: 14 Apr 2021 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-80-W-ROCKAWAY-B-1



Tgt Ion: 75 Resp: 60011
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.1 36.1 54.1#

