

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004616.D
 Acq On : 23 Apr 2021 19:28
 Operator : SY/MD
 Sample : M2149-01RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:21:37 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)

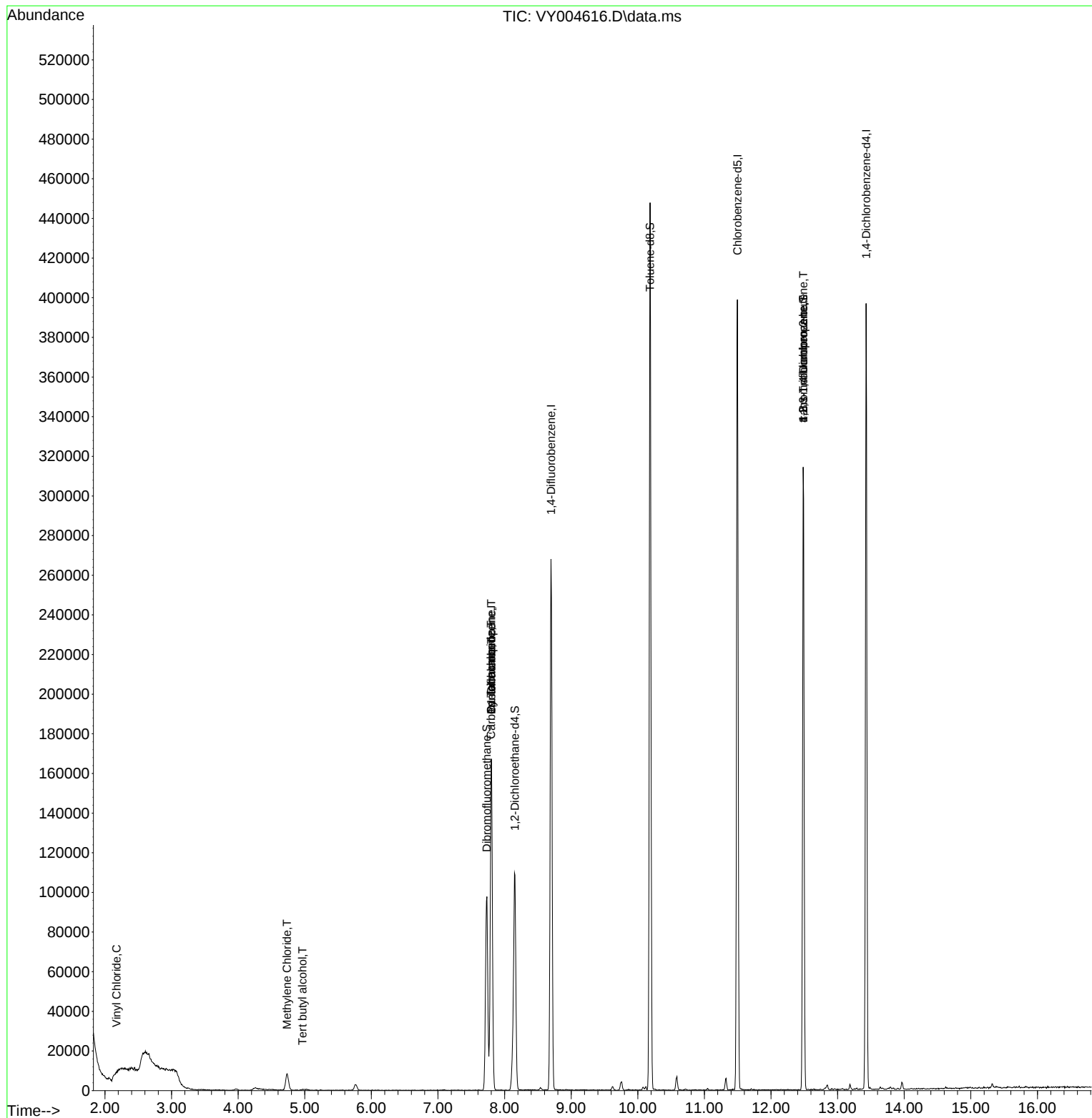
Internal Standards						
1) Pentafluorobenzene	7.801	168	123552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81836	59.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.24%
35) Dibromofluoromethane	7.734	113	67472	55.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.50%
50) Toluene-d8	10.185	98	270792	52.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.26%
62) 4-Bromofluorobenzene	12.483	95	90171	51.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.32%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.174	62	3207	1.83	ug/l #	43
11) Tert butyl alcohol	4.966	59	891	6.59	ug/l #	73
16) Acetone	3.960	43	1285	Below Cal		94
20) Methylene Chloride	4.735	84	5761	4.35	ug/l	90
31) Cyclohexane	7.801	56	2870	1.14	ug/l #	3
36) 1,1-Dichloropropene	7.801	75	10572	4.83	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12738	6.74	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50881	51.00	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50881	91.24	ug/l #	12

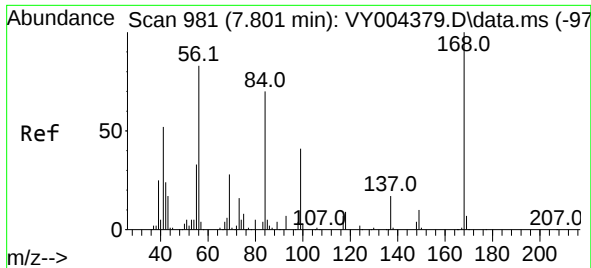
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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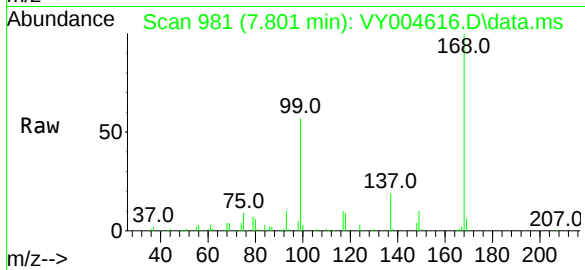
Quant Time: Apr 26 10:21:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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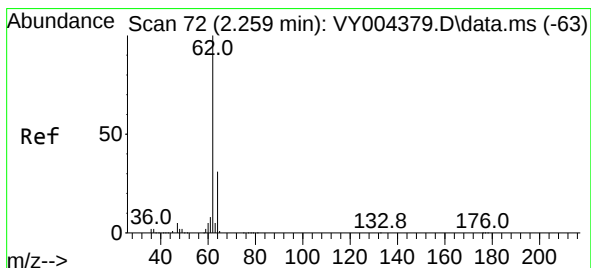
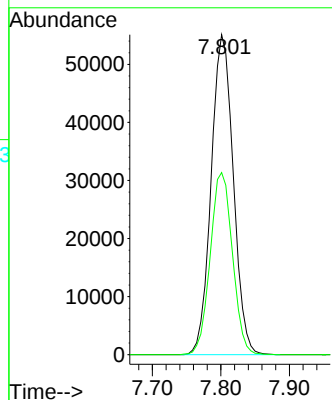
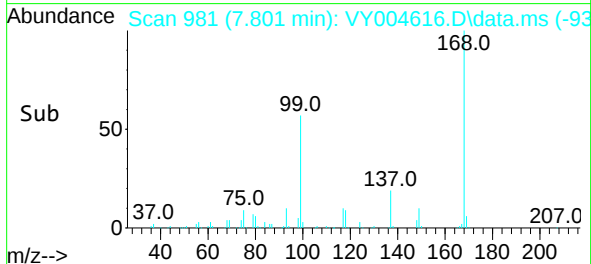


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

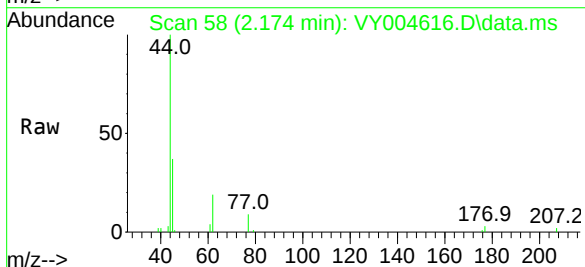
Instrument :
MSVOA_Y
ClientSampled :



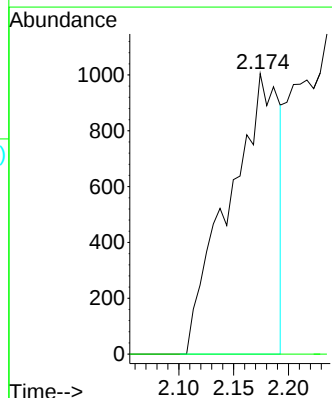
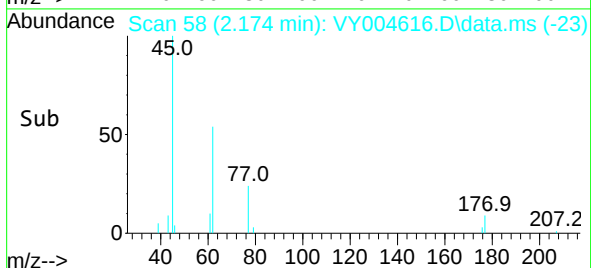
Tgt Ion:168 Resp: 123552
Ion Ratio Lower Upper
168 100
99 56.9 45.5 68.3

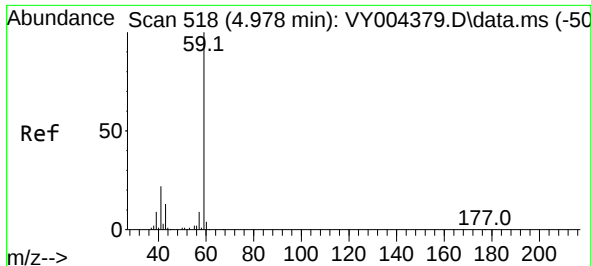


#4
Vinyl Chloride
Concen: 1.83 ug/l
RT: 2.174 min Scan# 58
Delta R.T. -0.085 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28



Tgt Ion: 62 Resp: 3207
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



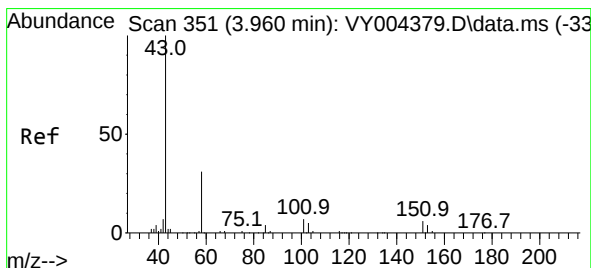
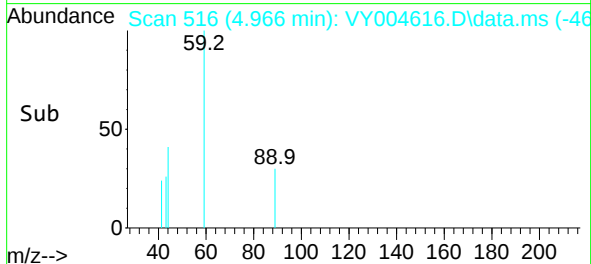
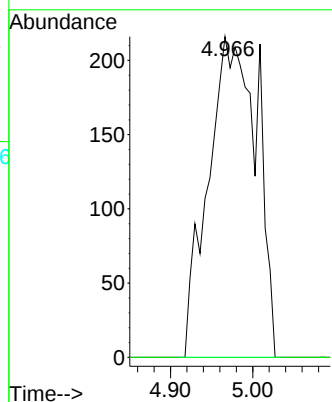
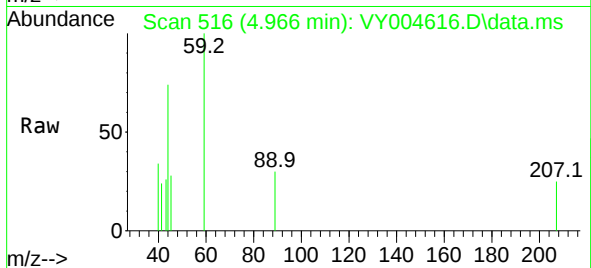


#11

Tert butyl alcohol
Concen: 6.59 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

Instrument :
MSVOA_Y
ClientSampled :

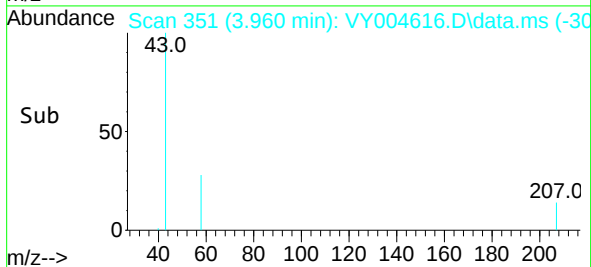
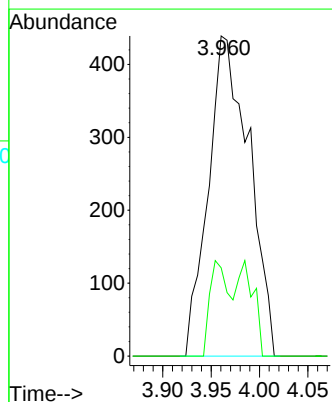
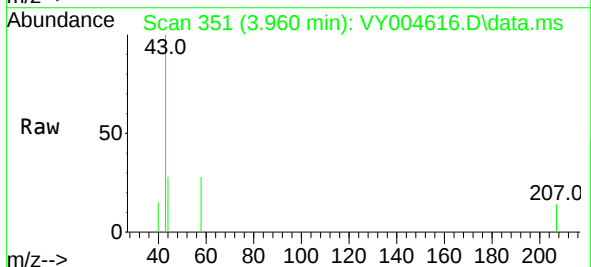
Tgt Ion: 59 Resp: 891
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

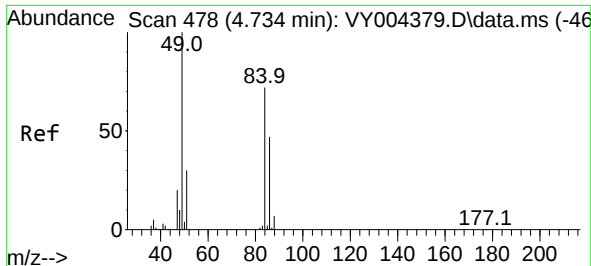


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

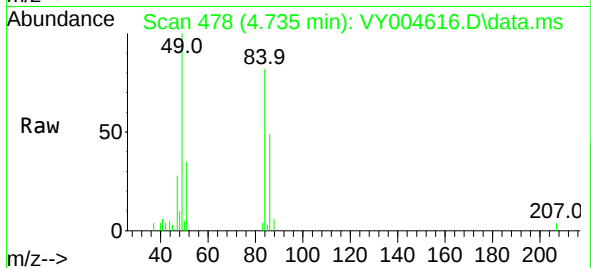
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 27.6 24.6 37.0



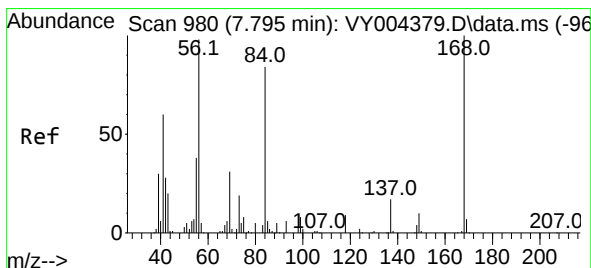
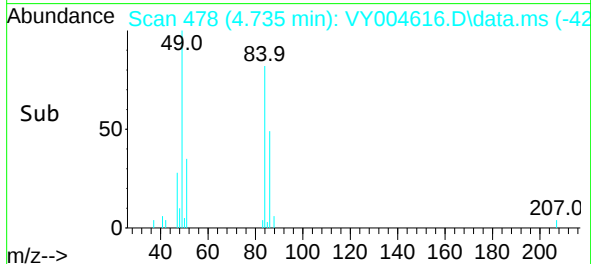
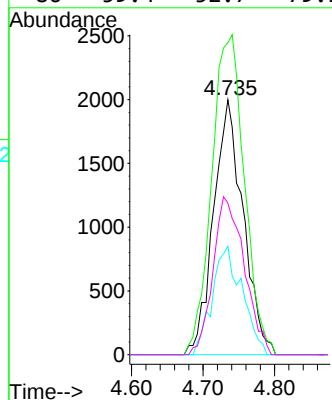


#20
Methylene Chloride
Concen: 4.35 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :

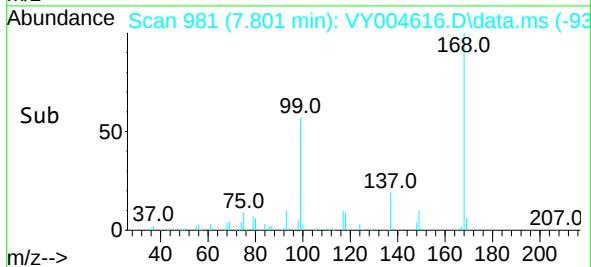
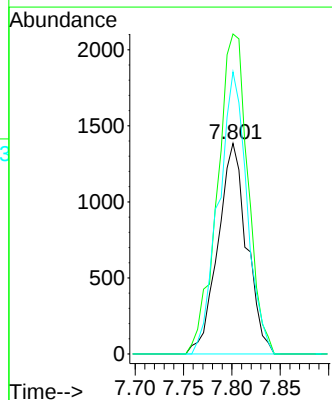
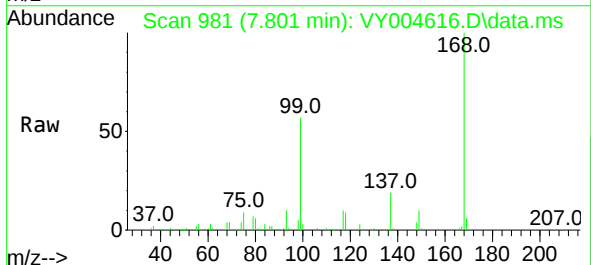


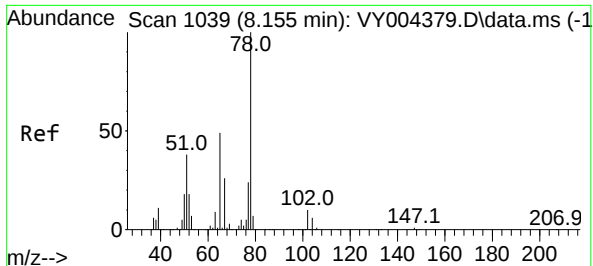
Tgt Ion:	84	Resp:	5761
Ion	Ratio	Lower	Upper
84	100		
49	122.4	111.2	166.8
51	42.6	33.4	50.2
86	59.4	52.7	79.1



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

Tgt Ion:	56	Resp:	2870
Ion	Ratio	Lower	Upper
56	100		
69	152.0	25.8	38.6#
84	134.0	68.2	102.4#

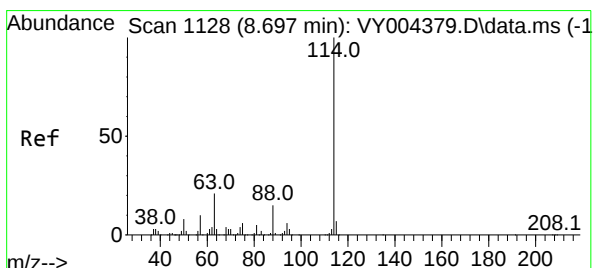
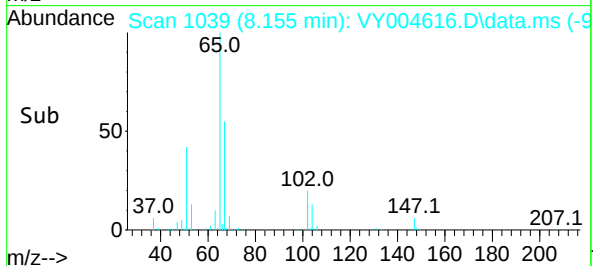
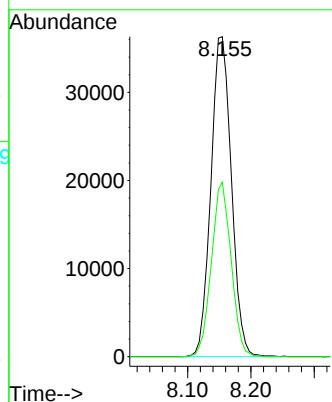
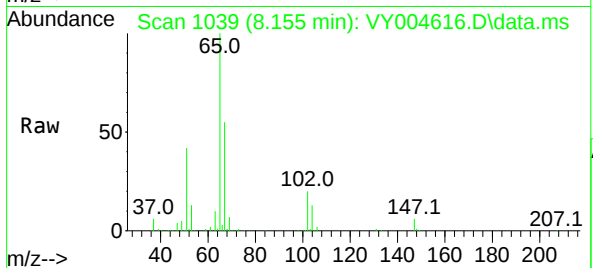




#33
1,2-Dichloroethane-d4
Concen: 59.62 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

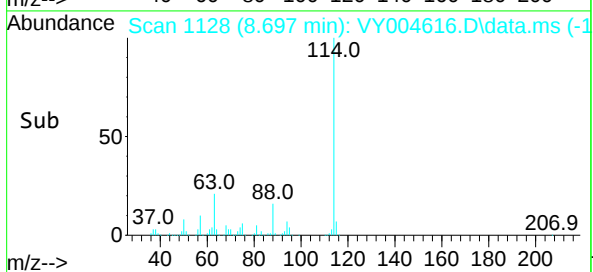
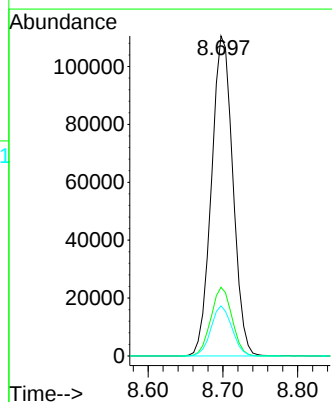
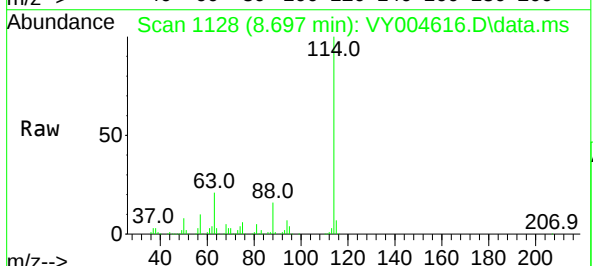
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 81836
Ion Ratio Lower Upper
65 100
67 52.4 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: VY004616.D
Acq: 23 Apr 2021 19:28

Tgt Ion: 114 Resp: 220051
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 15.7 0.0 30.8

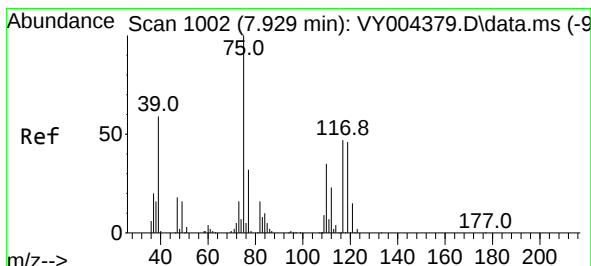
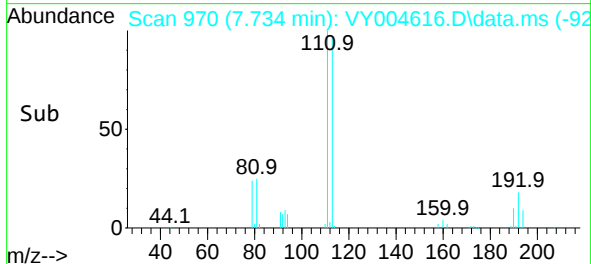
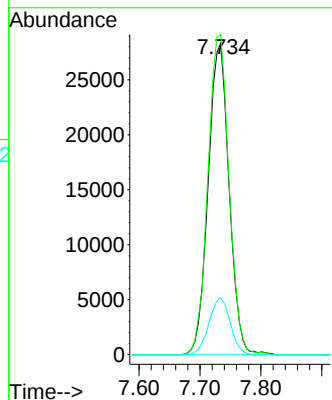
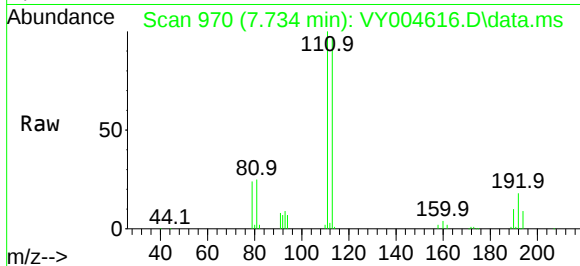




#35
Dibromofluoromethane
Concen: 55.25 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

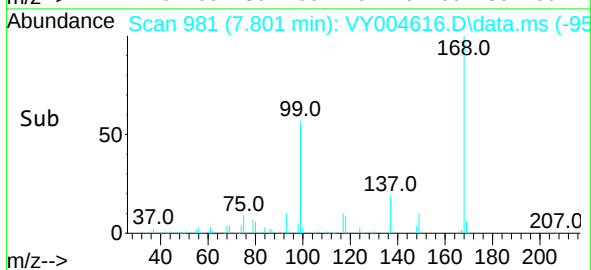
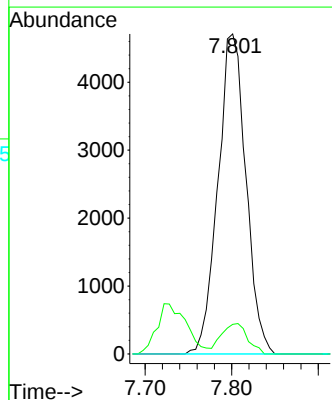
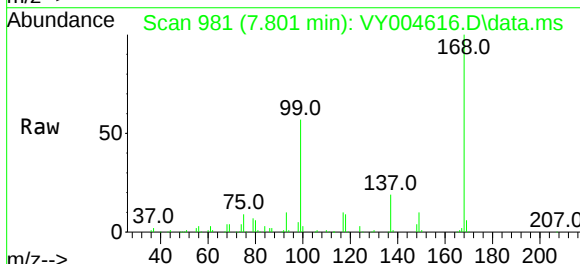
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 67472
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 18.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

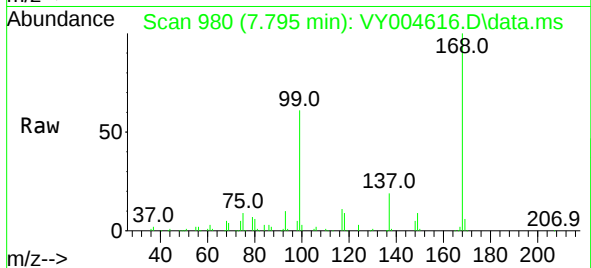
Tgt Ion: 75 Resp: 10572
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 24.3 36.5#



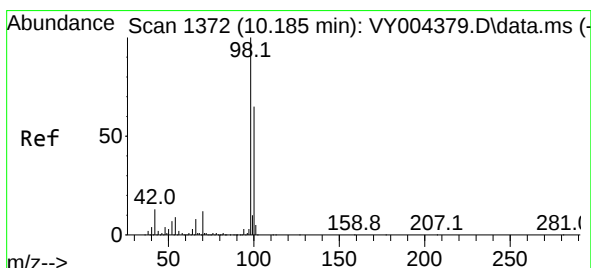
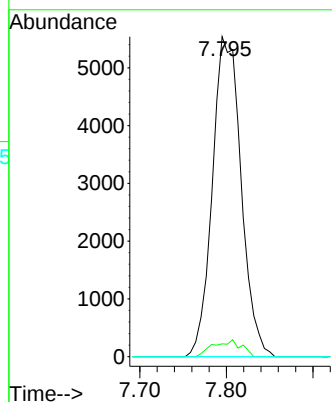
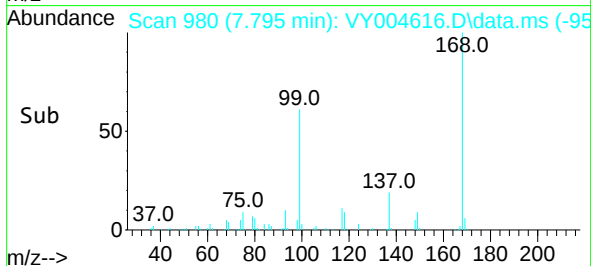


#38
Carbon Tetrachloride
Concen: 6.74 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

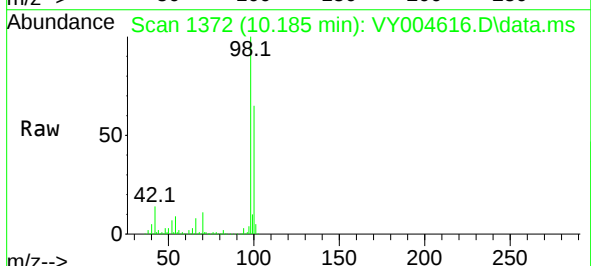
Instrument :
MSVOA_Y
ClientSampled :



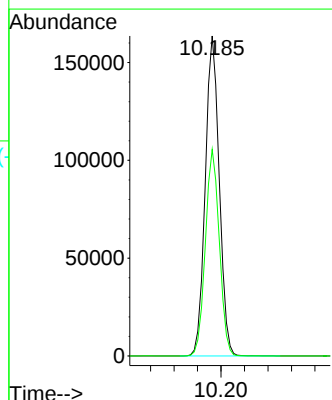
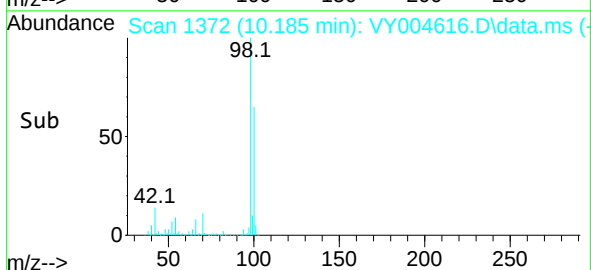
Tgt Ion: 117 Resp: 12738
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 25.3 37.9#

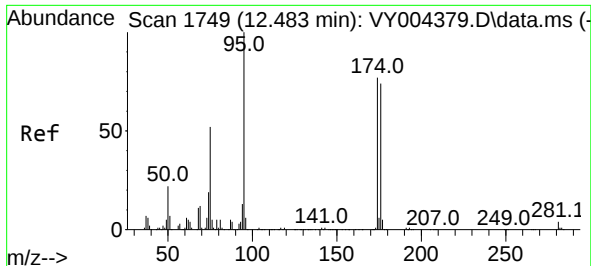


#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28



Tgt Ion: 98 Resp: 270792
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

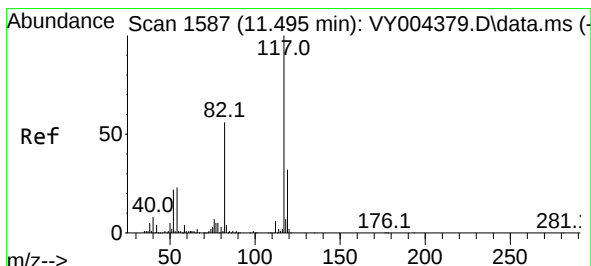
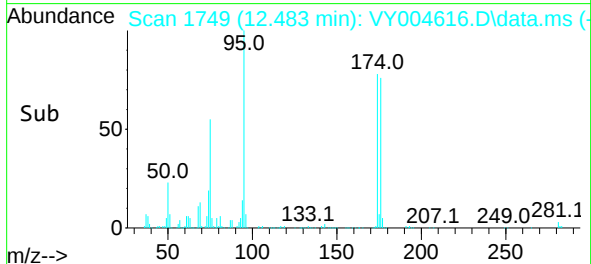
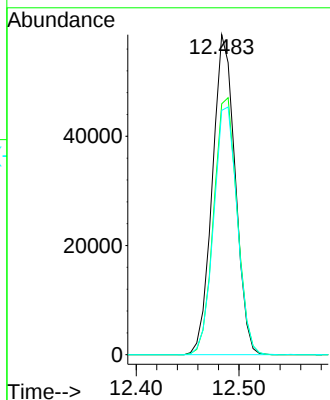
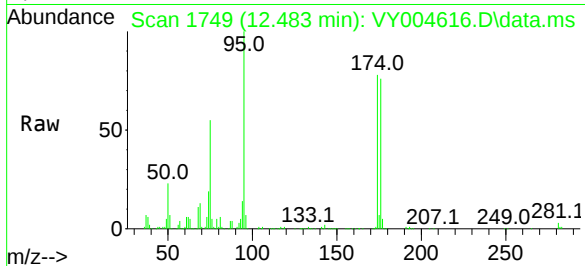




#62
4-Bromofluorobenzene
Concen: 51.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

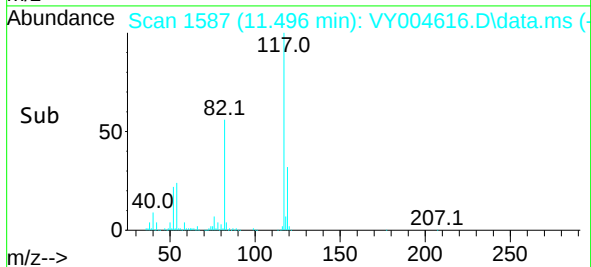
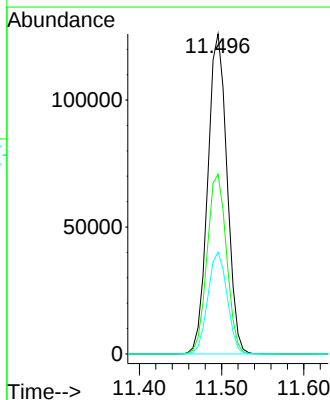
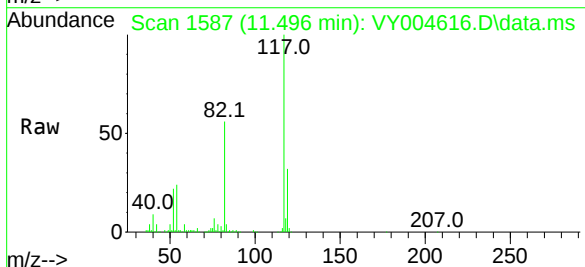
Instrument :
MSVOA_Y
ClientSampleId :

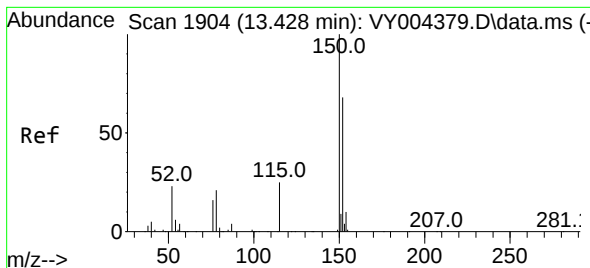
Tgt Ion:	95	Resp:	90171
Ion Ratio	Lower	Upper	
95	100		
174	82.4	0.0	162.4
176	80.2	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

Tgt Ion:	117	Resp:	205135
Ion Ratio	Lower	Upper	
117	100		
82	56.2	44.9	67.3
119	31.8	25.4	38.0

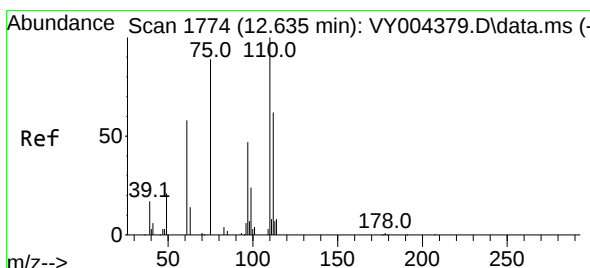
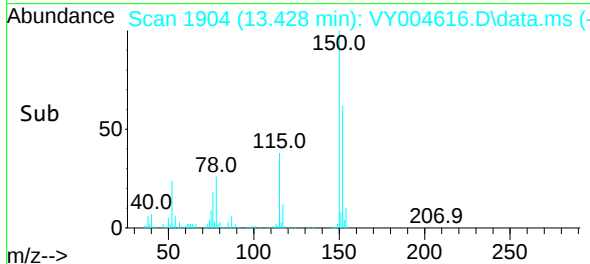
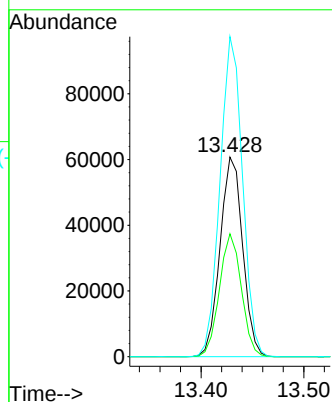
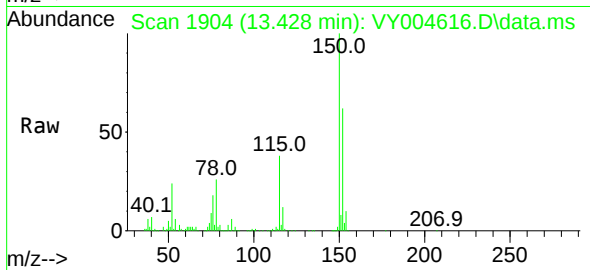




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004616.D
 Acq: 23 Apr 2021 19:28

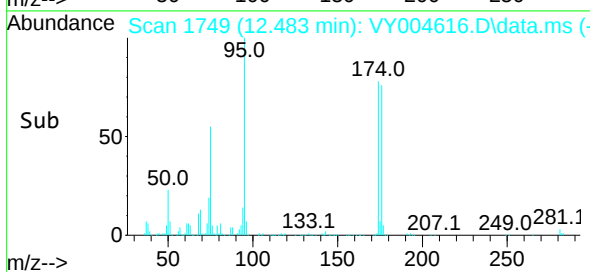
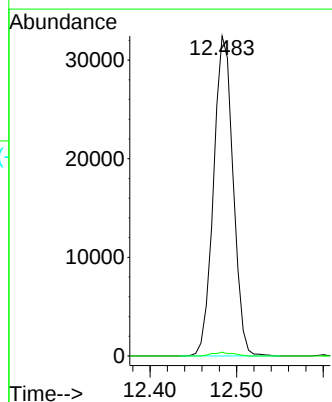
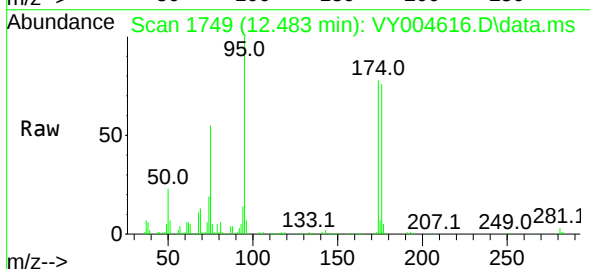
Instrument :
 MSVOA_Y
 ClientSampled :

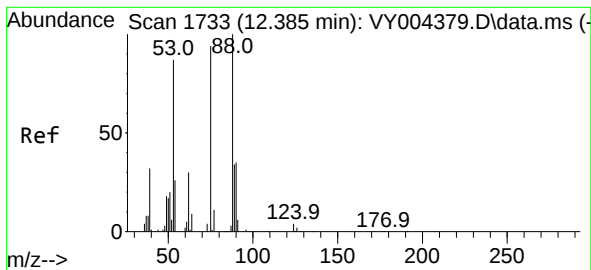
Tgt Ion:152 Resp: 92949
 Ion Ratio Lower Upper
 152 100
 115 59.6 29.6 88.8
 150 159.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.00 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004616.D
 Acq: 23 Apr 2021 19:28

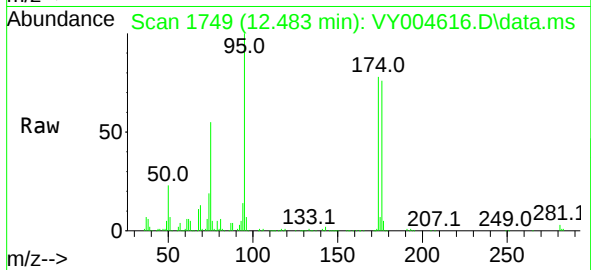
Tgt Ion: 75 Resp: 50881
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004616.D
Acq: 23 Apr 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 50881
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

