

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004626.D
 Acq On : 26 Apr 2021 13:53
 Operator : SY/MD
 Sample : M2159-01
 Misc : 5.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:32:44 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	121843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86249	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79512	58.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.46%
35) Dibromofluoromethane	7.728	113	60980	52.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.70%
50) Toluene-d8	10.185	98	254857	51.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.88%
62) 4-Bromofluorobenzene	12.483	95	88971	52.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.84%

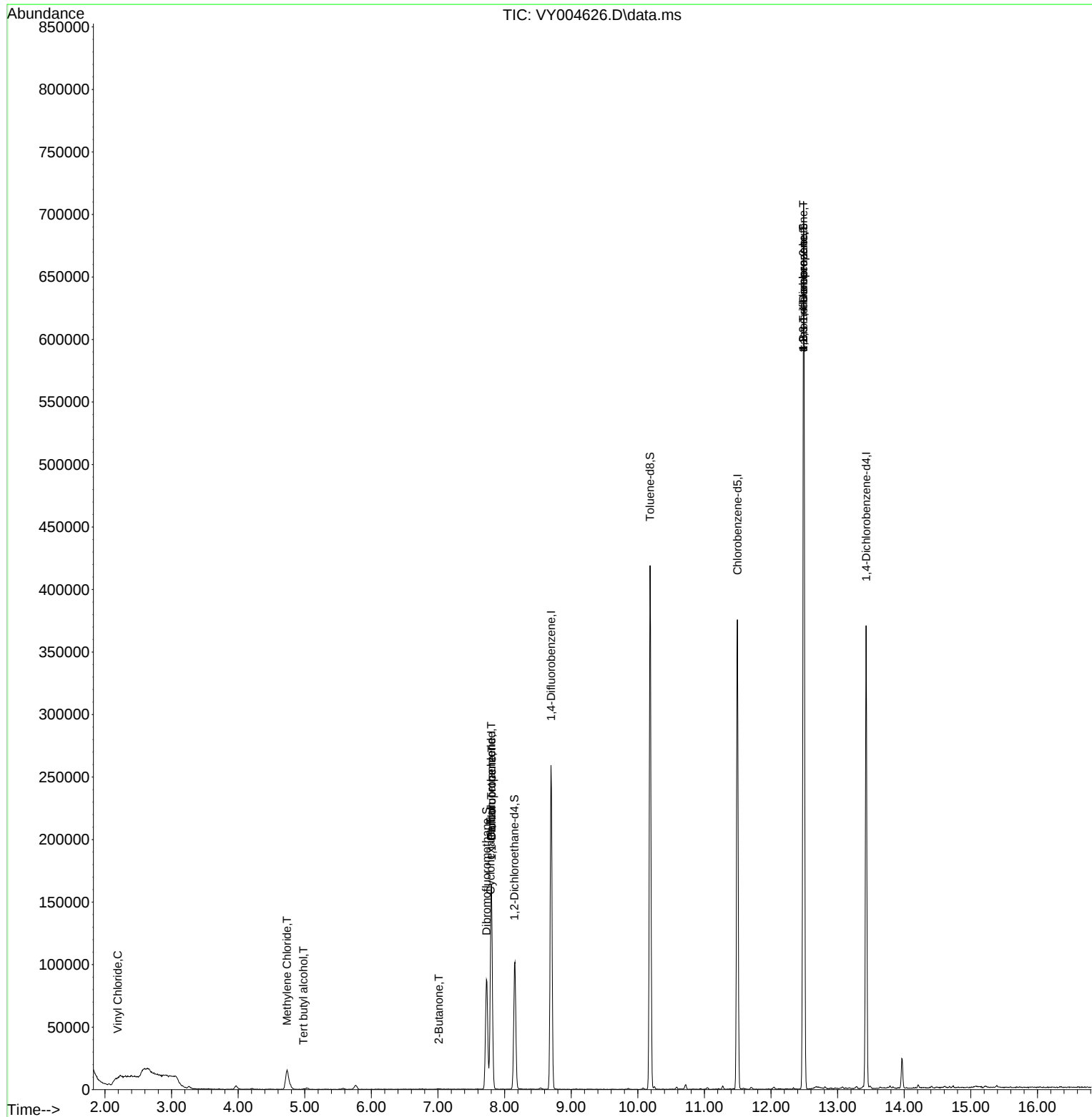
Target Compounds						Qvalue
4) Vinyl Chloride	2.192	62	5599	3.25	ug/l #	43
11) Tert butyl alcohol	4.979	59	478	3.58	ug/l #	73
16) Acetone	3.966	43	5319	Below	Cal	93
20) Methylene Chloride	4.735	84	11031	8.44	ug/l	94
25) 2-Butanone	7.015	43	824	1.60	ug/l #	50
31) Cyclohexane	7.789	56	3025	1.22	ug/l #	40
36) 1,1-Dichloropropene	7.807	75	9993	4.79	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12171	6.75	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52593	56.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52593	101.64	ug/l #	13

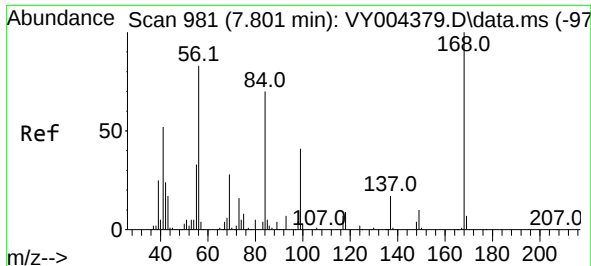
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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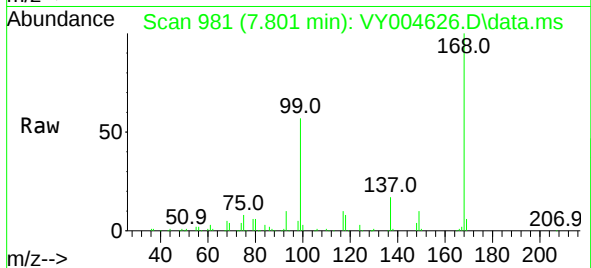
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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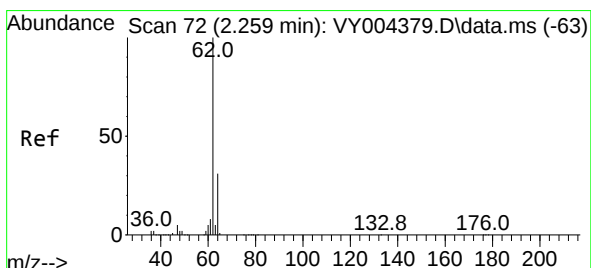
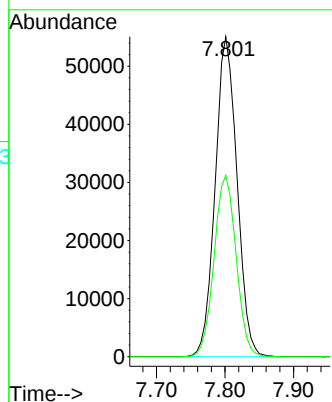
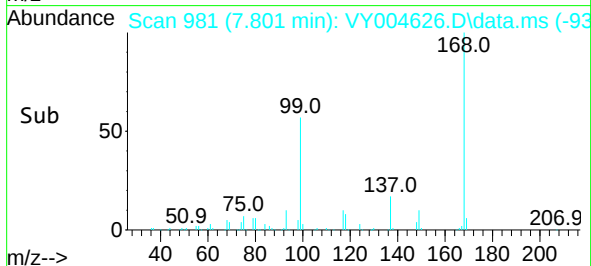


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

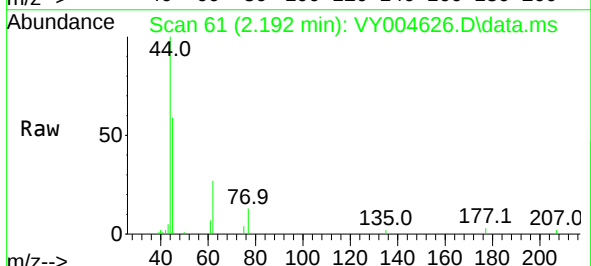
Instrument :
MSVOA_Y
ClientSampled :



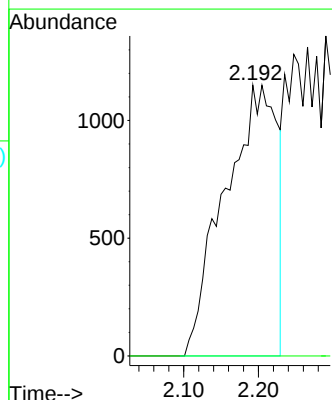
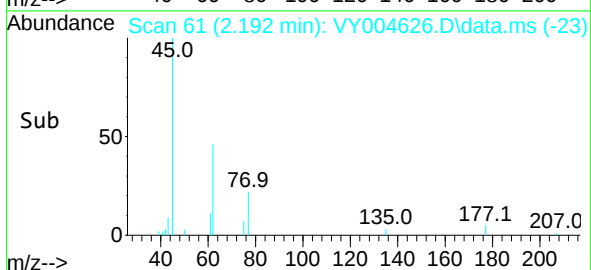
Tgt Ion:168 Resp: 121843
Ion Ratio Lower Upper
168 100
99 56.6 45.5 68.3

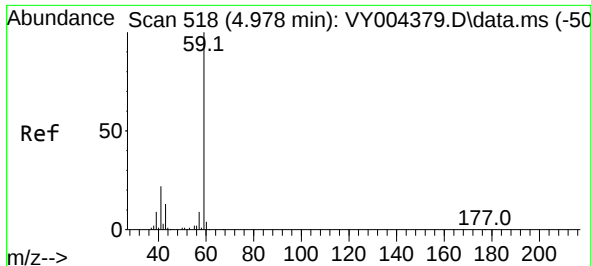


#4
Vinyl Chloride
Concen: 3.25 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53



Tgt Ion: 62 Resp: 5599
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

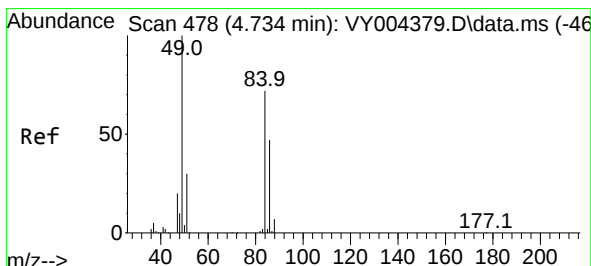
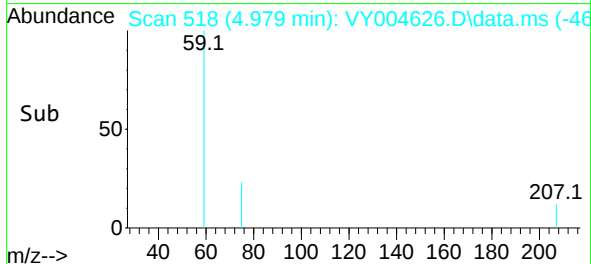
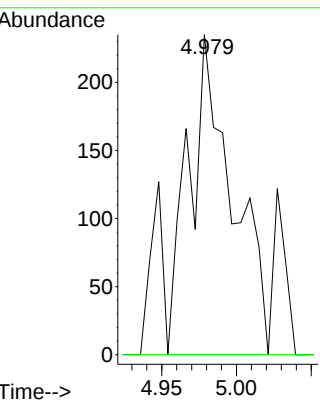
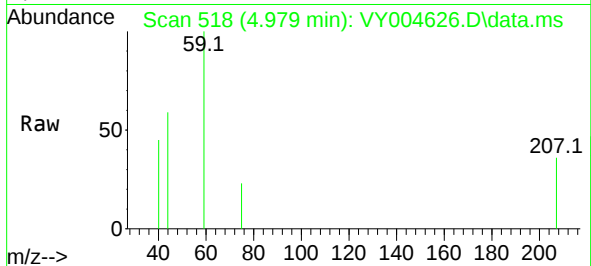




#11
Tert butyl alcohol
Concen: 3.58 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

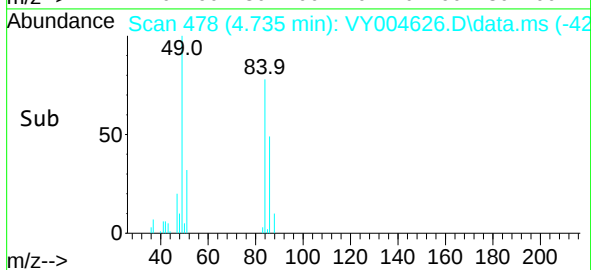
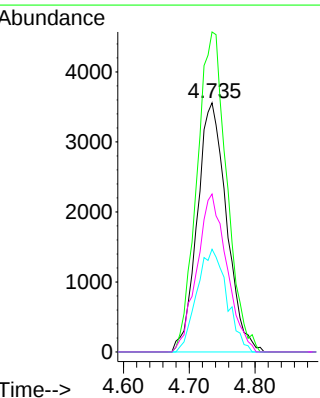
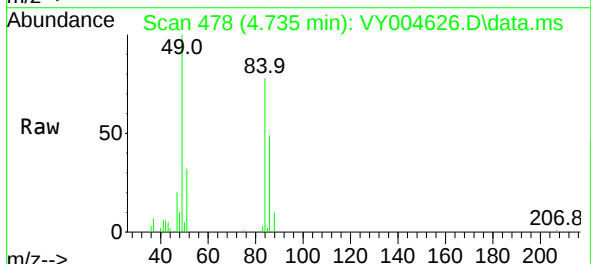
Instrument :
MSVOA_Y
ClientSampled :

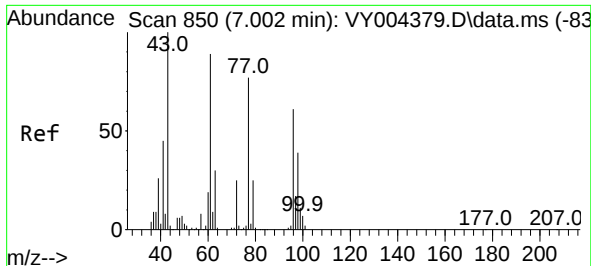
Tgt Ion: 59 Resp: 478
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#20
Methylene Chloride
Concen: 8.44 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

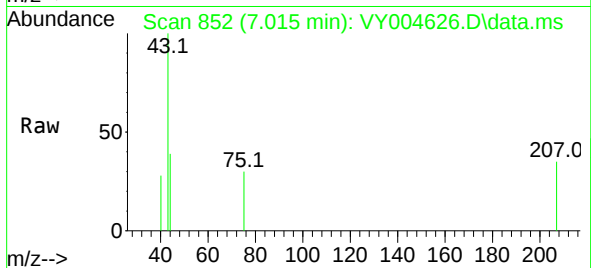
Tgt Ion: 84 Resp: 11031
Ion Ratio Lower Upper
84 100
49 128.4 111.2 166.8
51 41.2 33.4 50.2
86 63.4 52.7 79.1



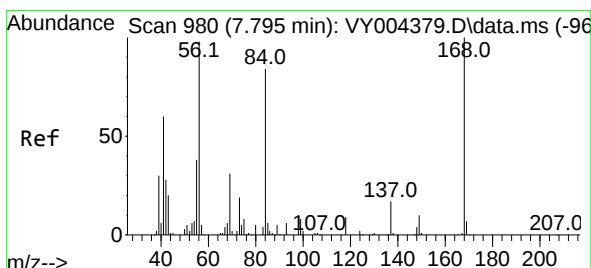
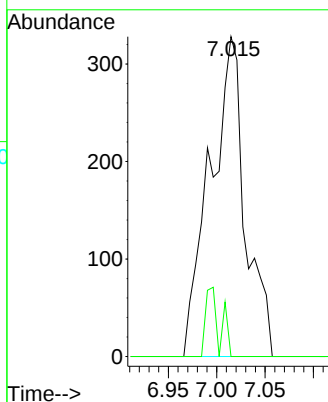
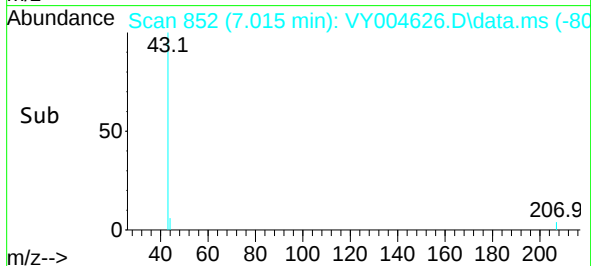


#25
2-Butanone
Concen: 1.60 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

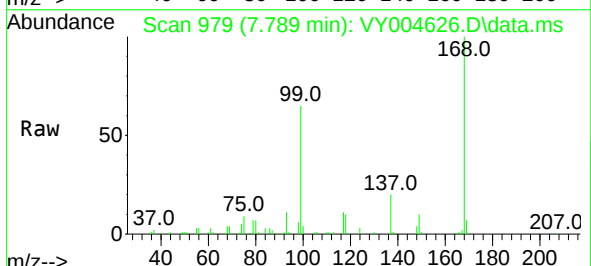
Instrument :
MSVOA_Y
ClientSampled :



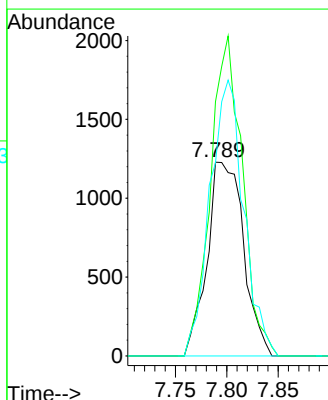
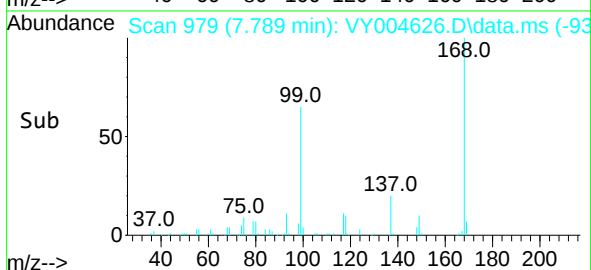
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#

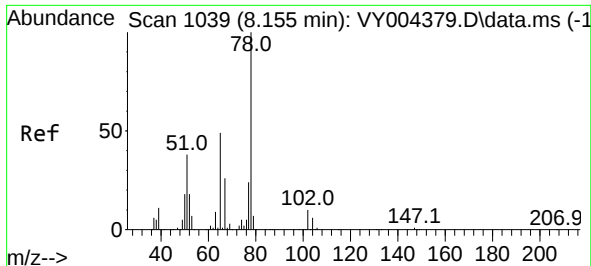


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53



Tgt Ion: 56 Resp: 3025
Ion Ratio Lower Upper
56 100
69 131.2 25.8 38.6#
84 99.6 68.2 102.4





#33

1,2-Dichloroethane-d4

Concen: 58.73 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004626.D

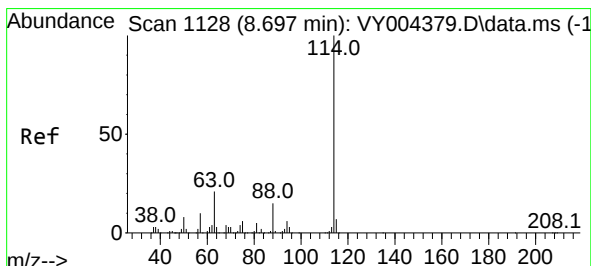
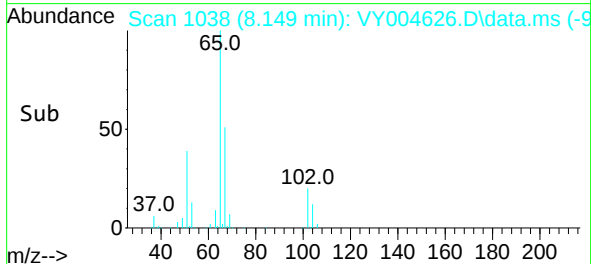
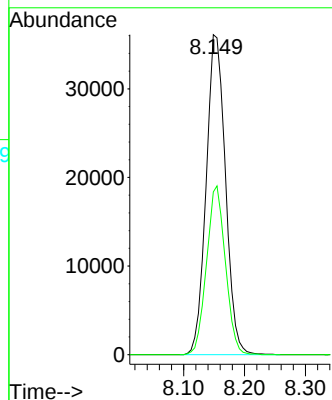
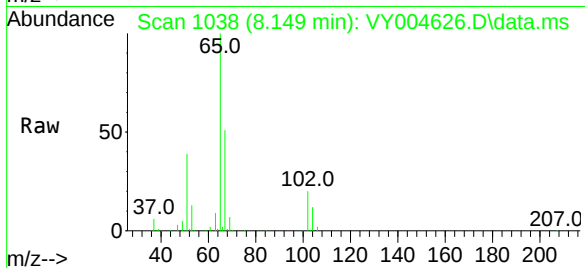
Acq: 26 Apr 2021 13:53

Tgt Ion: 65 Resp: 79512

Ion Ratio Lower Upper

65 100

67 51.5 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: VY004626.D

Acq: 26 Apr 2021 13:53

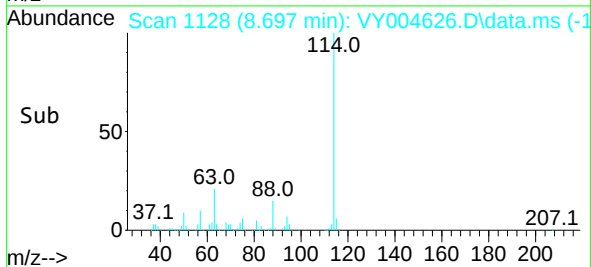
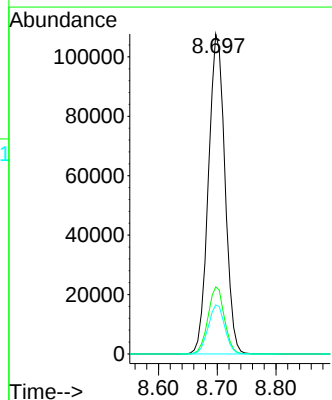
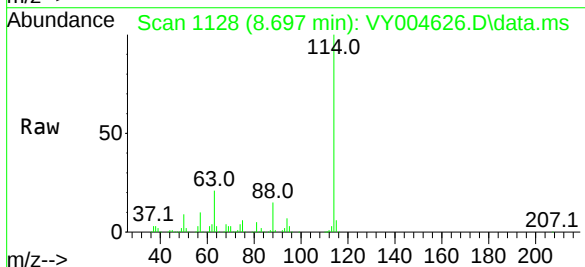
Tgt Ion: 114 Resp: 209886

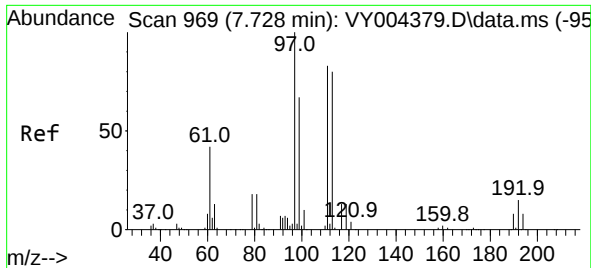
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.3 0.0 30.8

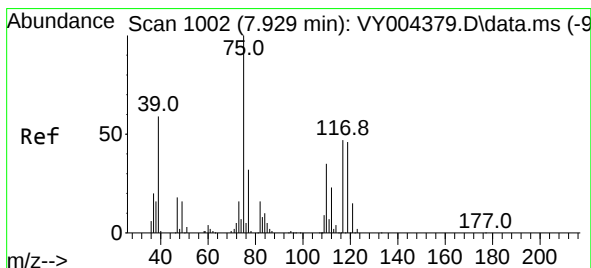
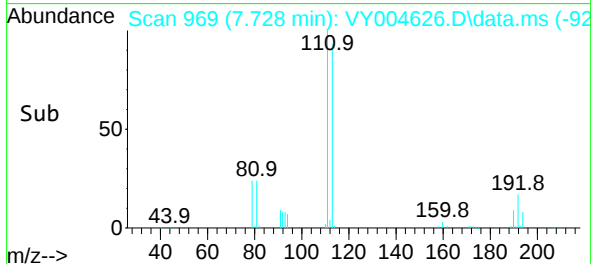
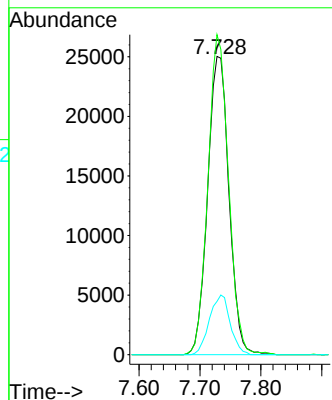
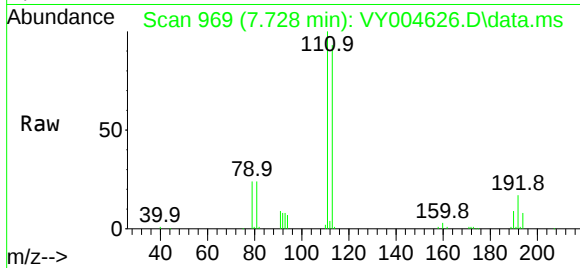




#35
Dibromofluoromethane
Concen: 52.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

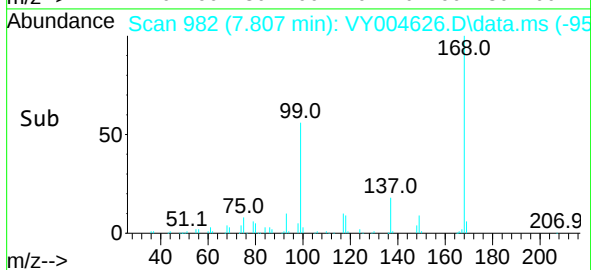
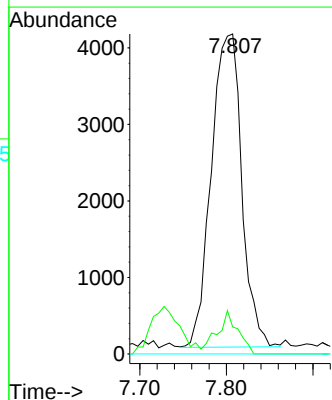
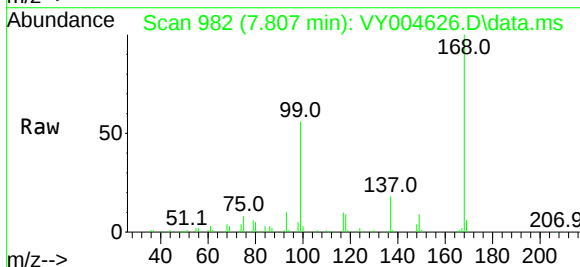
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	113	Resp:	60980
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	19.5	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

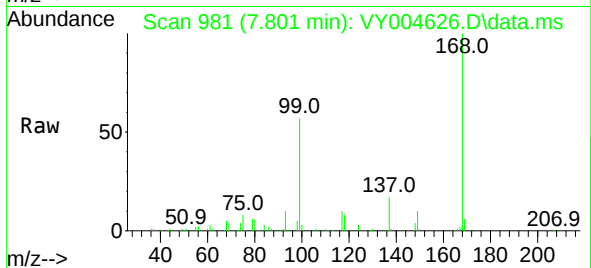
Tgt Ion:	75	Resp:	9993
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	51.7#
77	0.0	24.3	36.5#



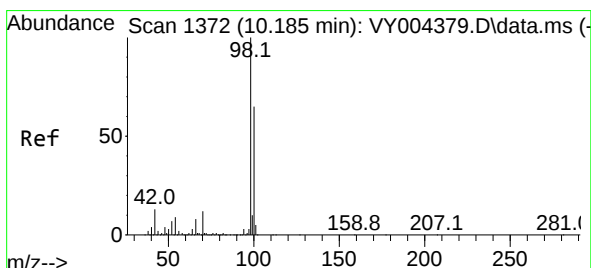
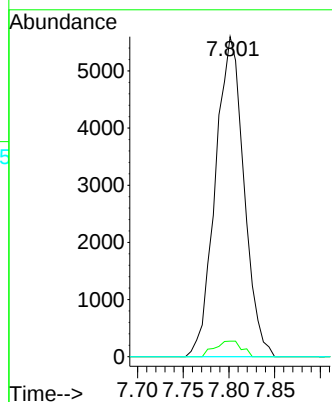
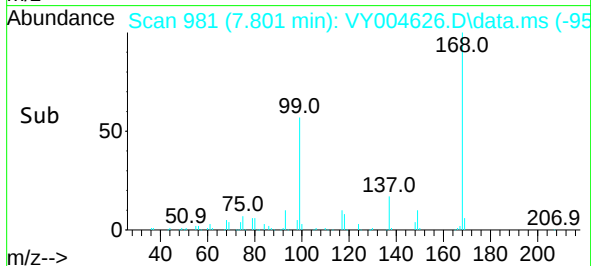


#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

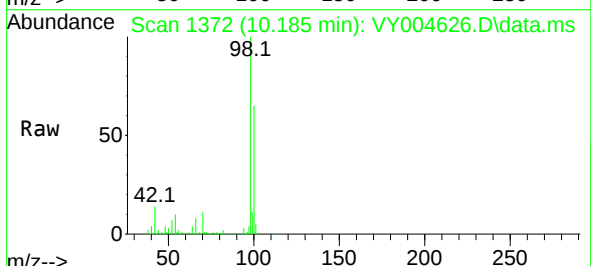
Instrument :
MSVOA_Y
ClientSampled :



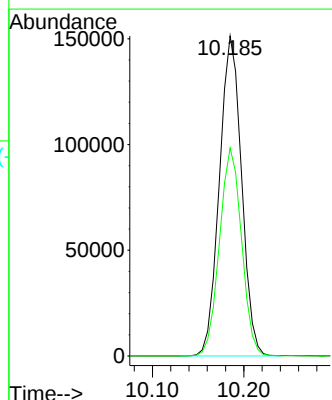
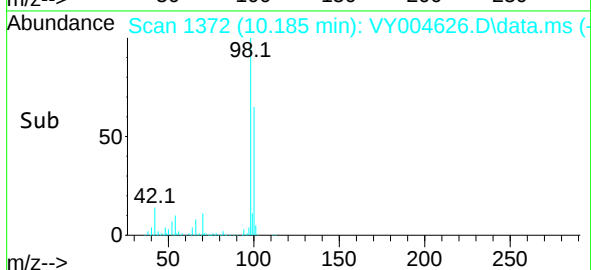
Tgt Ion: 117 Resp: 12171
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 25.3 37.9#

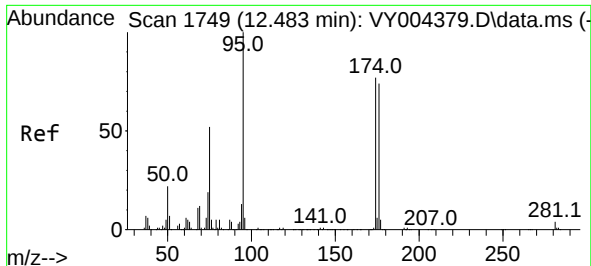


#50
Toluene-d8
Concen: 51.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53



Tgt Ion: 98 Resp: 254857
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

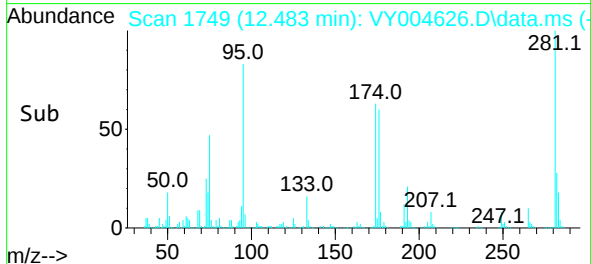
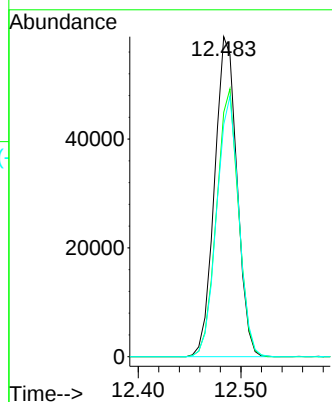
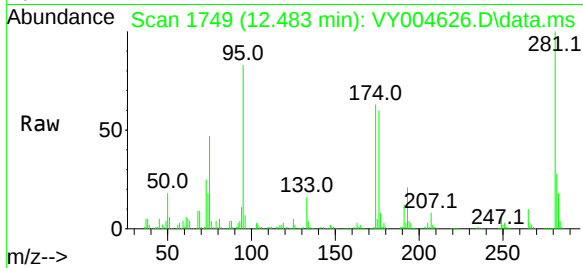




#62
4-Bromofluorobenzene
Concen: 52.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

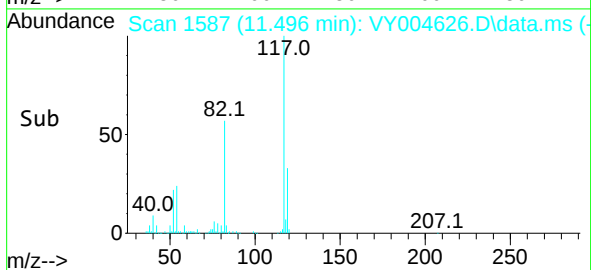
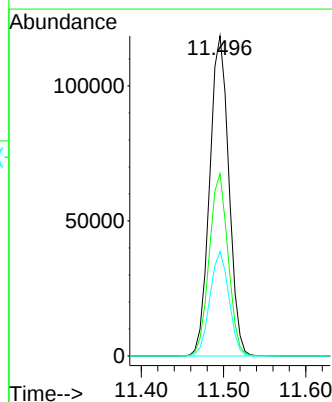
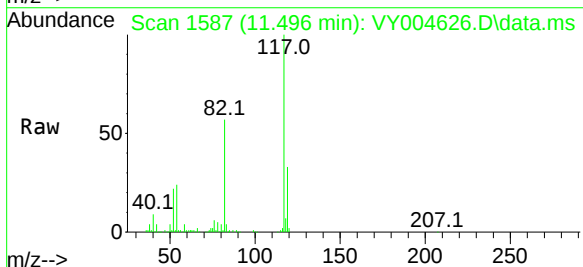
Instrument :
MSVOA_Y
ClientSampleId :

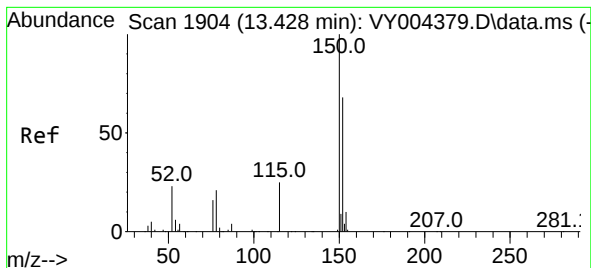
Tgt Ion: 95 Resp: 88971
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.4
176 80.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004626.D
Acq: 26 Apr 2021 13:53

Tgt Ion: 117 Resp: 191575
Ion Ratio Lower Upper
117 100
82 56.9 44.9 67.3
119 32.6 25.4 38.0

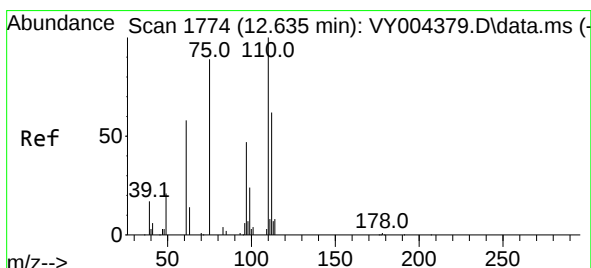
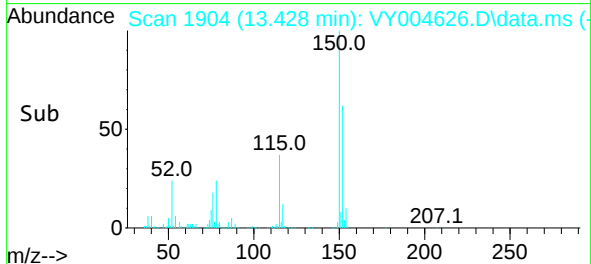
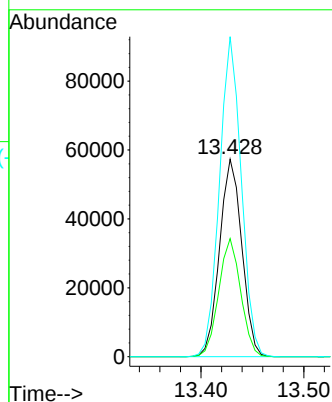
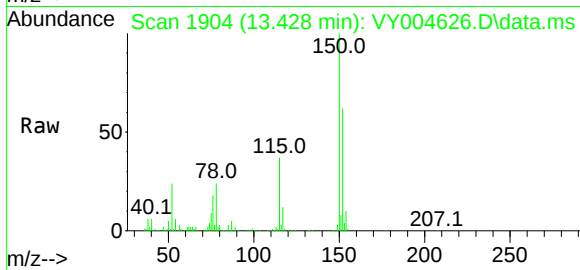




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004626.D
 Acq: 26 Apr 2021 13:53

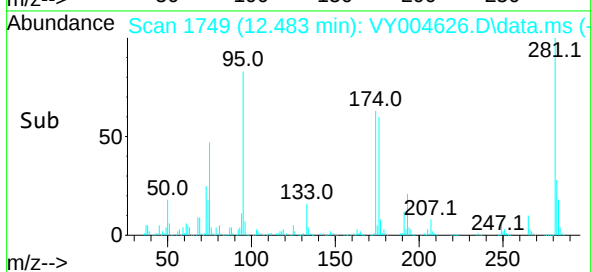
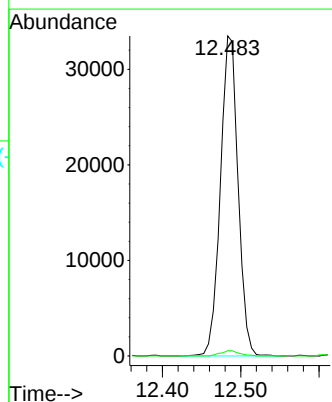
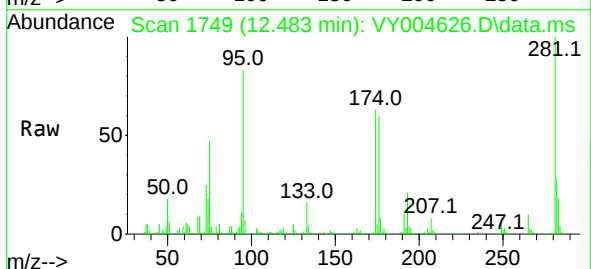
Instrument :
 MSVOA_Y
 ClientSampleId :

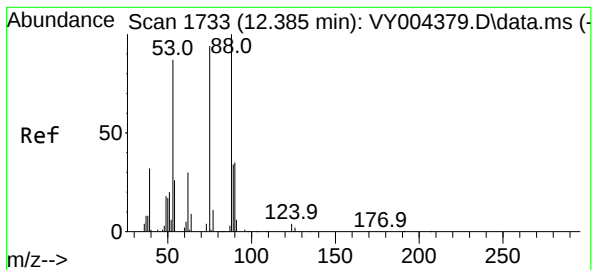
Tgt Ion:152 Resp: 86249
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.6 88.8
 150 158.4 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 56.81 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004626.D
 Acq: 26 Apr 2021 13:53

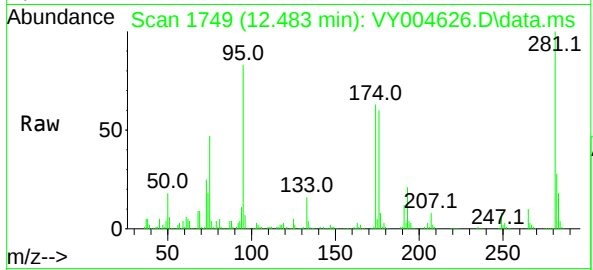
Tgt Ion: 75 Resp: 52593
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.64 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004626.D
 Acq: 26 Apr 2021 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52593
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 2.6 36.1 54.1#

