

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004711.D
 Acq On : 04 May 2021 13:35
 Operator : SY/MD
 Sample : M2254-01
 Misc : 3.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:33:23 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)

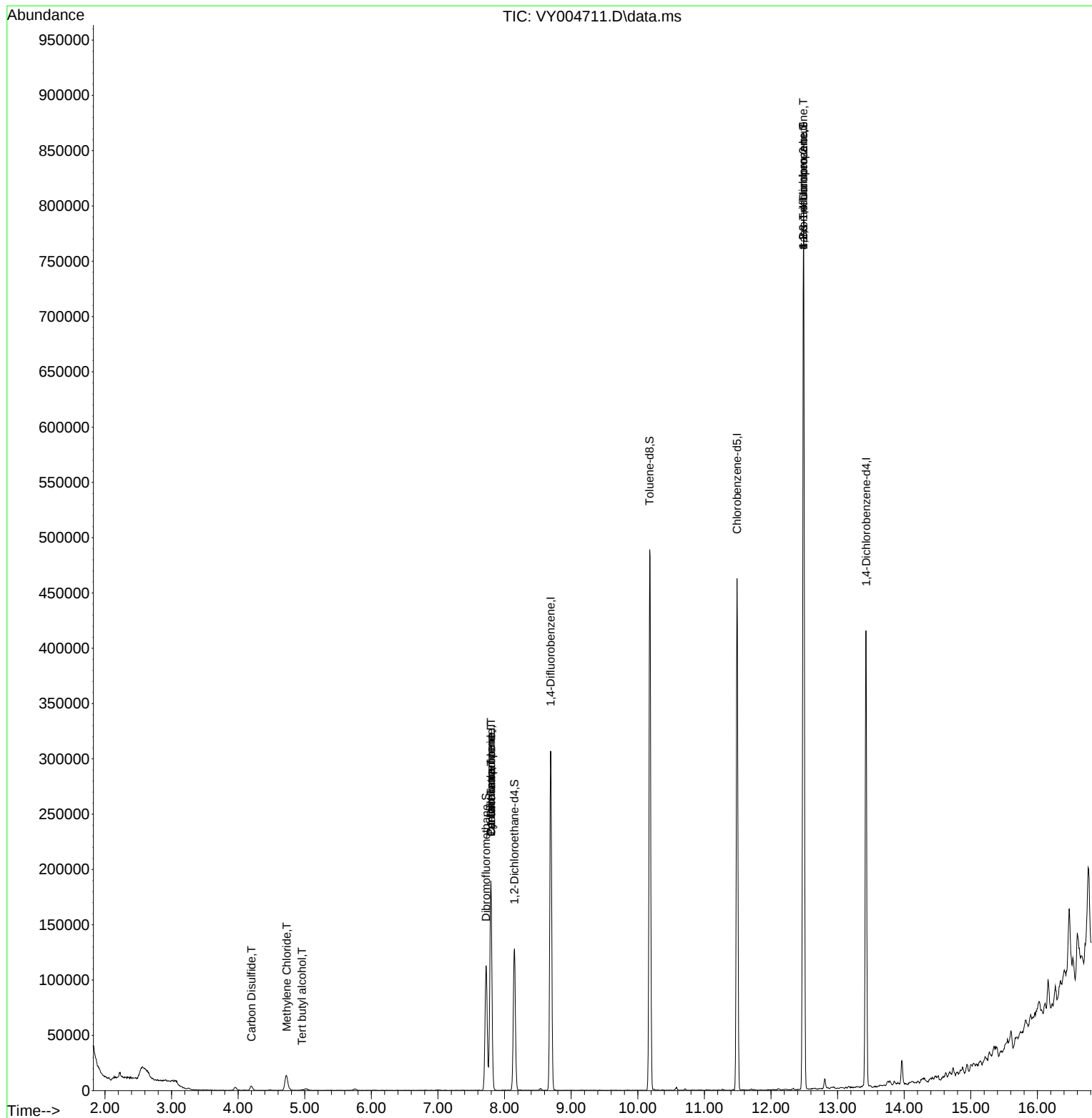
Internal Standards						
1) Pentafluorobenzene	7.795	168	140617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98914	63.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.62%	
35) Dibromofluoromethane	7.722	113	76136	54.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.46%	
50) Toluene-d8	10.179	98	309861	51.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.76%	
62) 4-Bromofluorobenzene	12.483	95	107429	53.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1008	6.55	ug/l #	73
16) Acetone	3.954	43	4876	Below	Cal	94
17) Carbon Disulfide	4.198	76	7589	1.81	ug/l	99
20) Methylene Chloride	4.729	84	9573	6.34	ug/l	95
31) Cyclohexane	7.795	56	3337	1.17	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	11516	4.58	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14384	6.62	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	64340	59.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64340	106.78	ug/l #	13

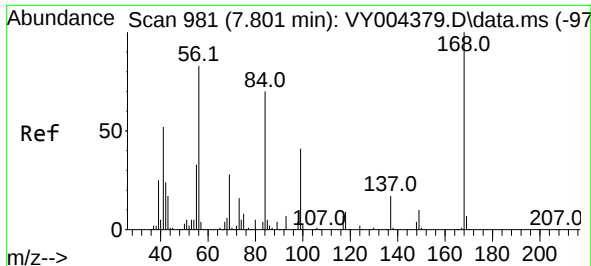
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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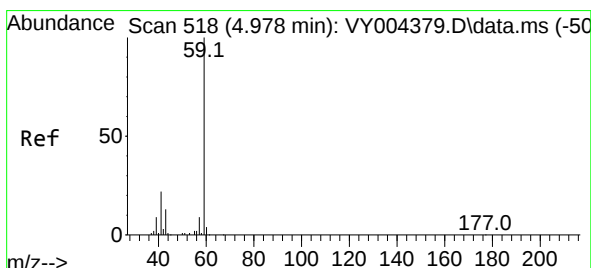
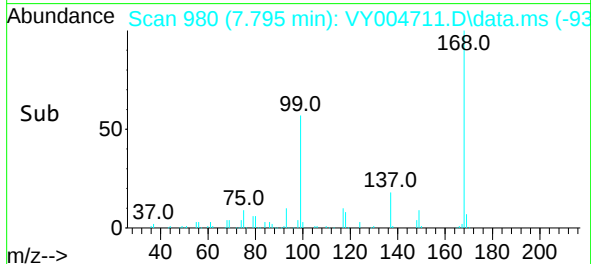
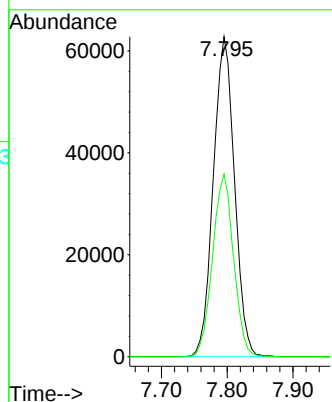
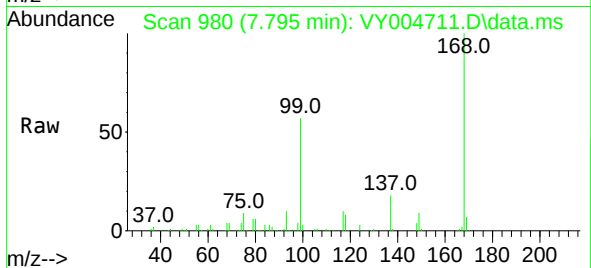




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

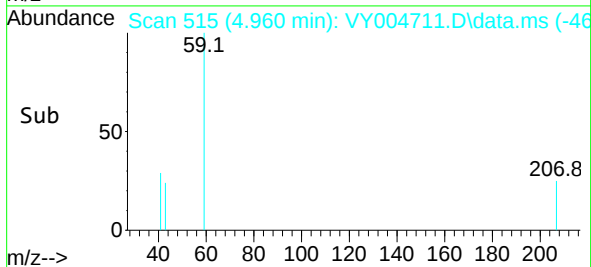
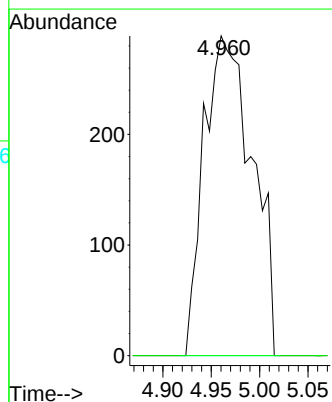
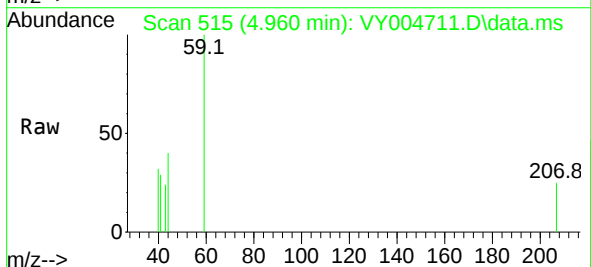
Instrument :
MSVOA_Y
ClientSampled :

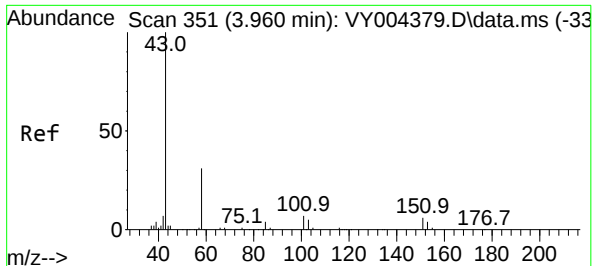
Tgt Ion:168 Resp: 140617
Ion Ratio Lower Upper
168 100
99 57.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 6.55 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

Tgt Ion: 59 Resp: 1008
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

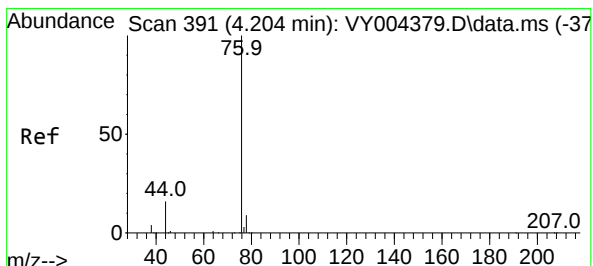
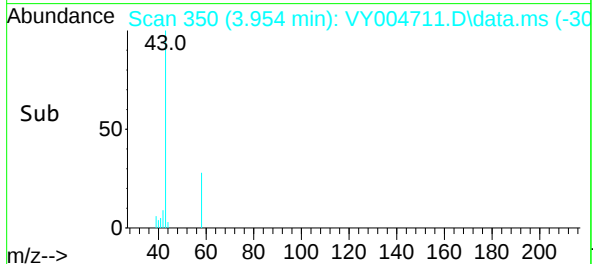
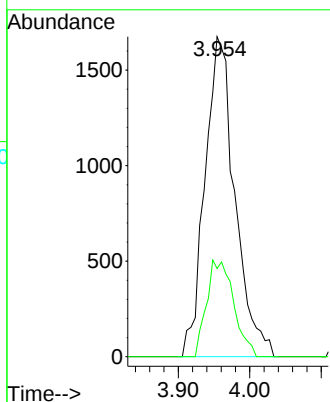
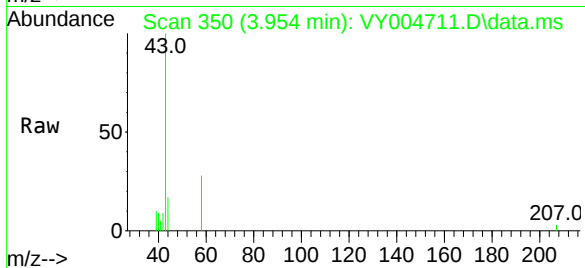




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

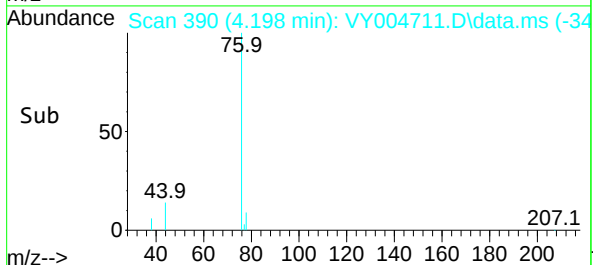
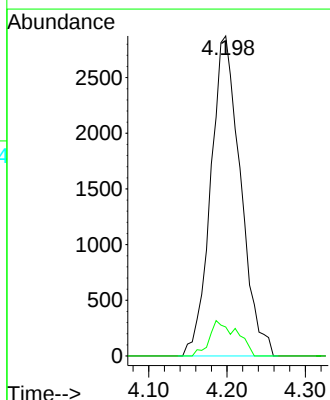
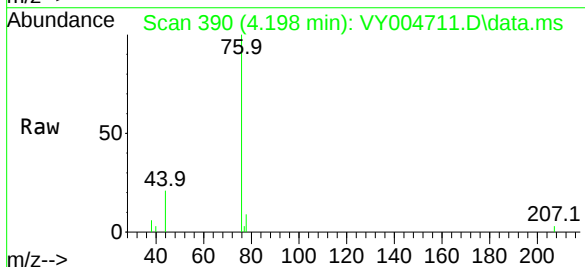
Instrument :
MSVOA_Y
ClientSampled :

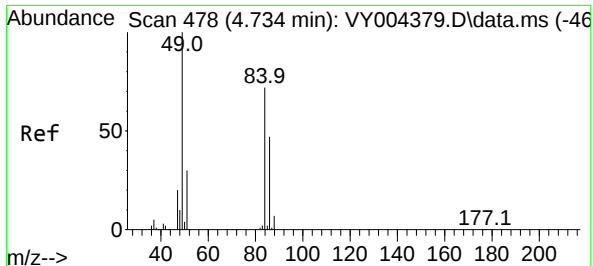
Tgt Ion: 43 Resp: 4876
Ion Ratio Lower Upper
43 100
58 27.6 24.6 37.0



#17
Carbon Disulfide
Concen: 1.81 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

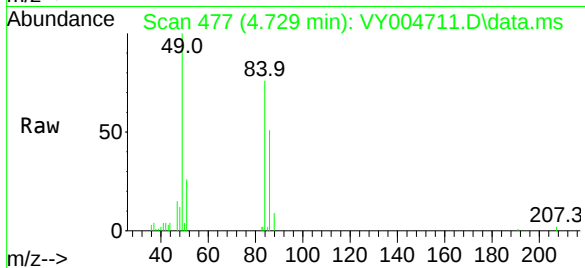
Tgt Ion: 76 Resp: 7589
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





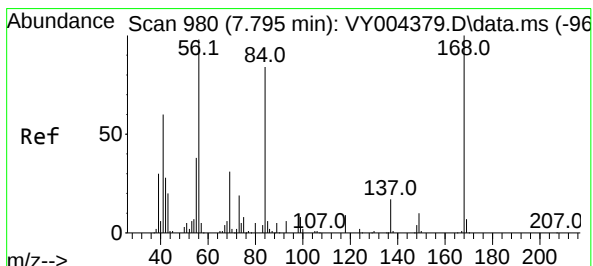
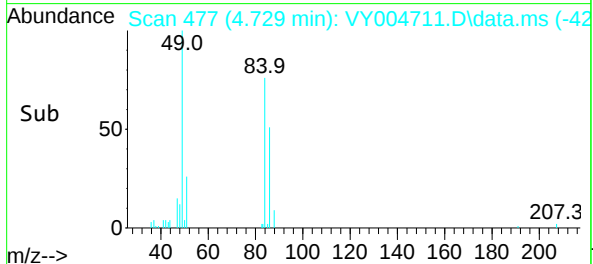
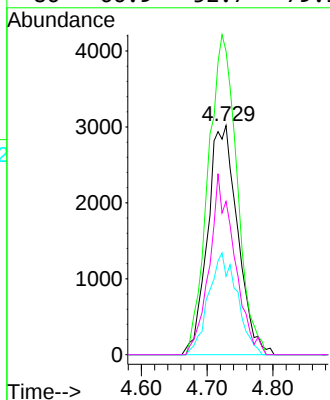
#20
Methylene Chloride
Concen: 6.34 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9573

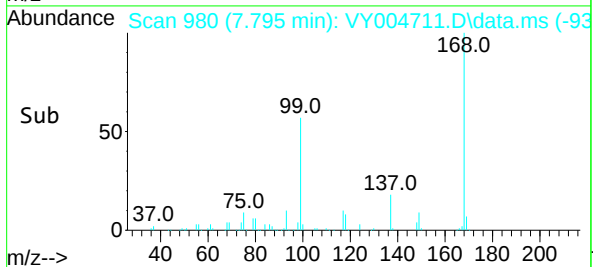
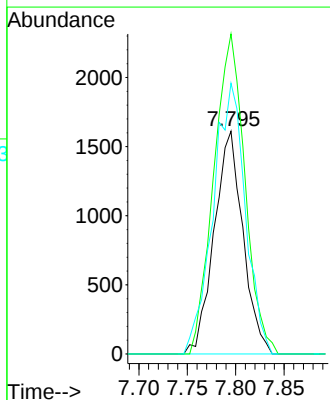
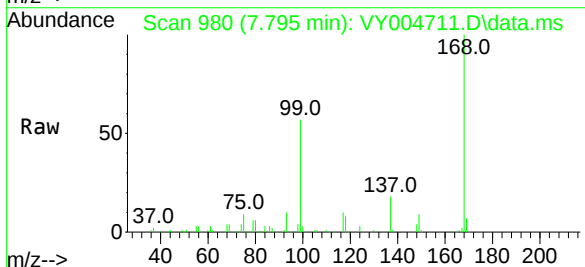
Ion	Ratio	Lower	Upper
84	100		
49	132.4	111.2	166.8
51	34.2	33.4	50.2
86	66.9	52.7	79.1

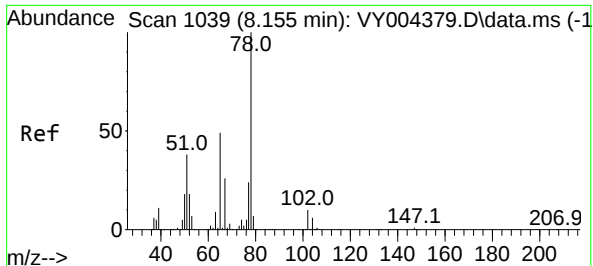


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

Tgt Ion: 56 Resp: 3337

Ion	Ratio	Lower	Upper
56	100		
69	143.7	25.8	38.6#
84	121.6	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 63.31 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004711.D

Acq: 04 May 2021 13:35

Tgt Ion: 65 Resp: 98914

Ion Ratio Lower Upper

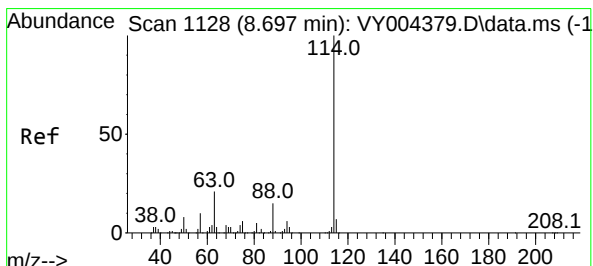
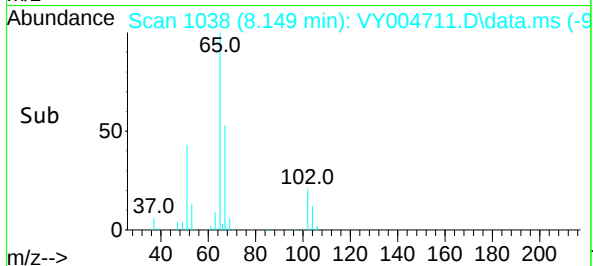
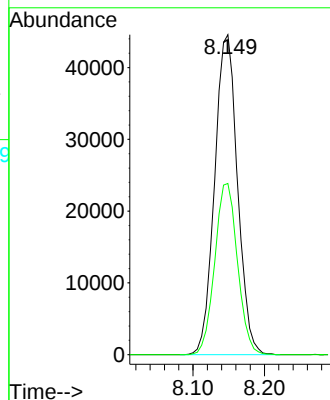
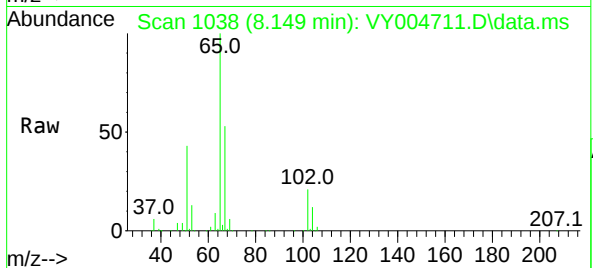
65 100

67 53.2 0.0 106.4

Instrument :

MSVOA_Y

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY004711.D

Acq: 04 May 2021 13:35

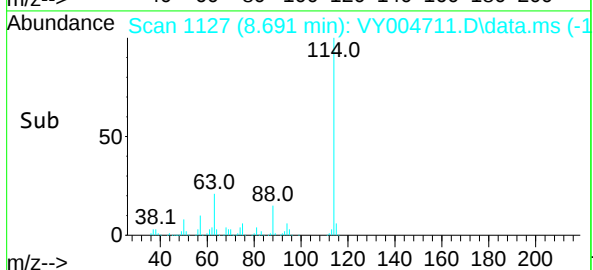
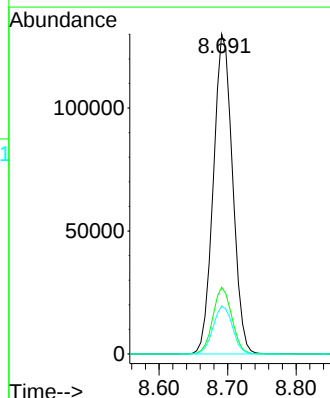
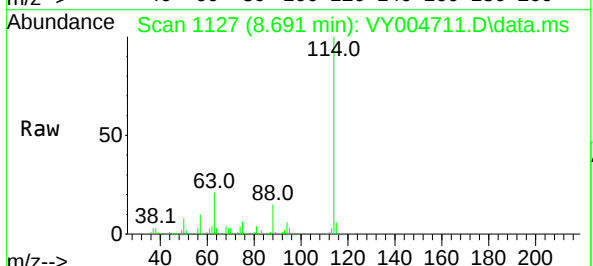
Tgt Ion: 114 Resp: 253001

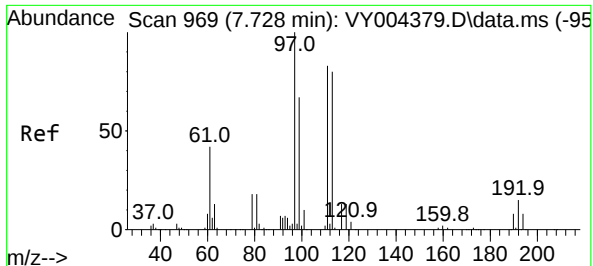
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.1 0.0 30.8

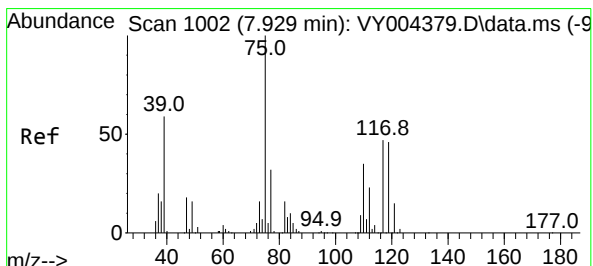
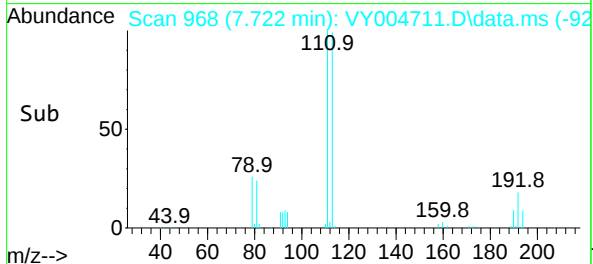
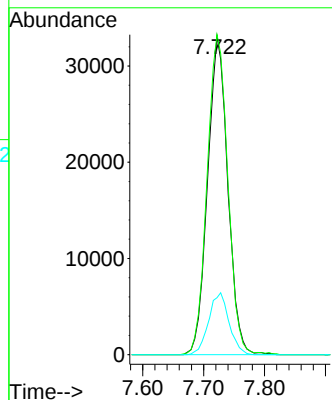
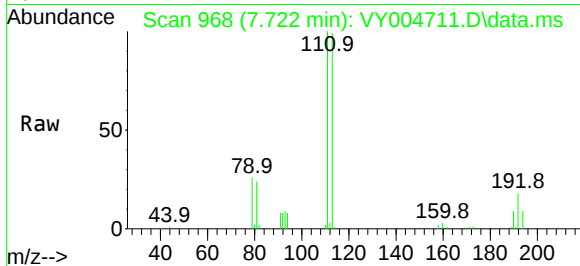




#35
Dibromofluoromethane
Concen: 54.23 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

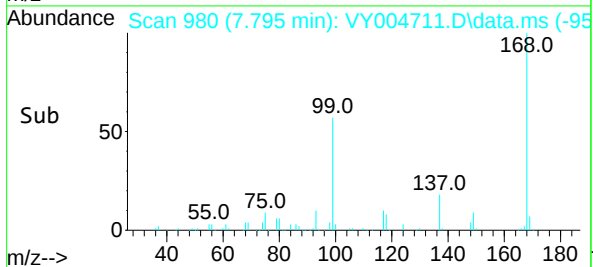
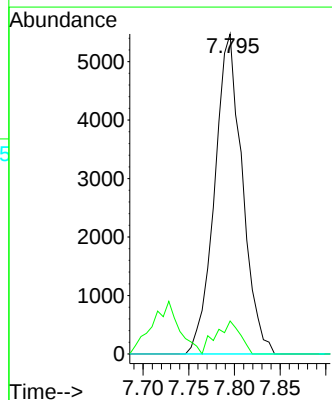
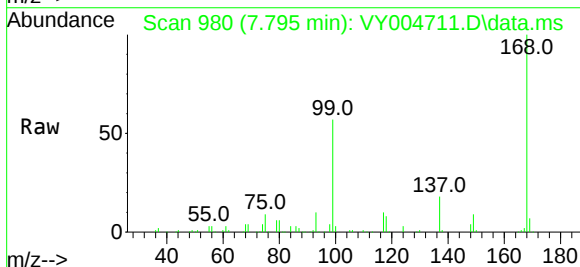
Instrument :
MSVOA_Y
ClientSampleId :

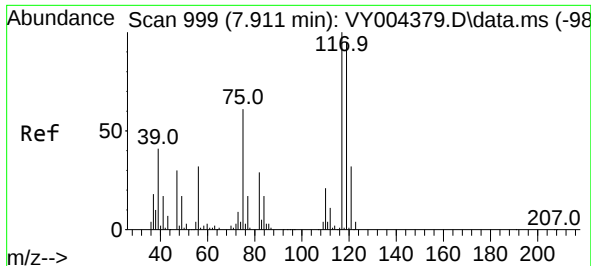
Tgt Ion:113 Resp: 76136
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

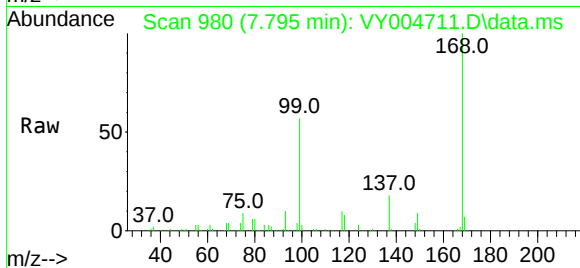
Tgt Ion: 75 Resp: 11516
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.7#
77 0.0 24.3 36.5#



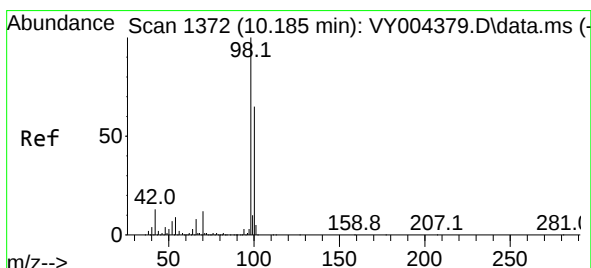
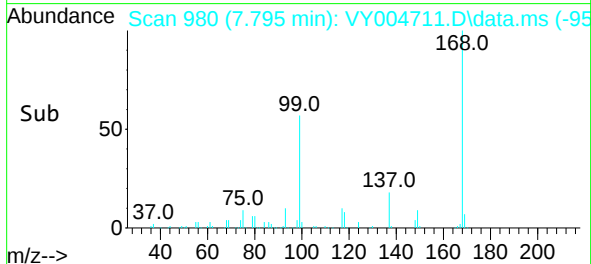
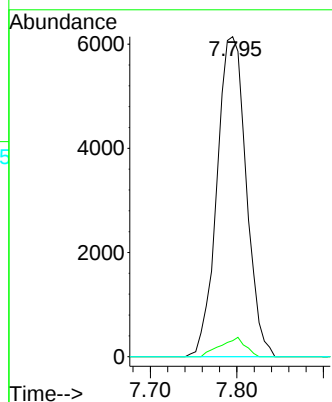


#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :

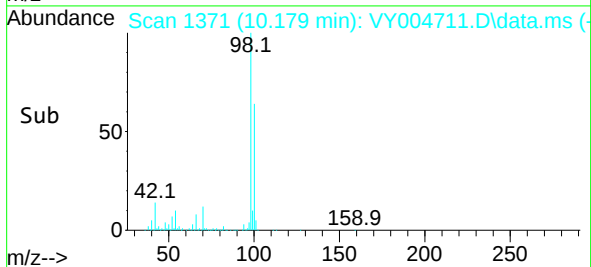
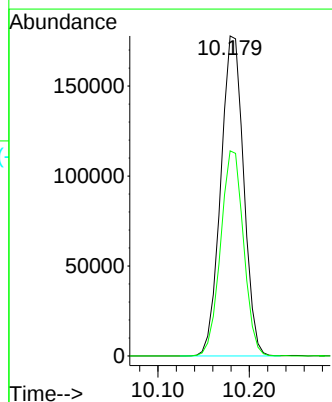
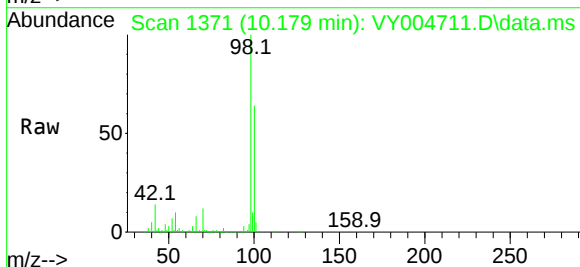


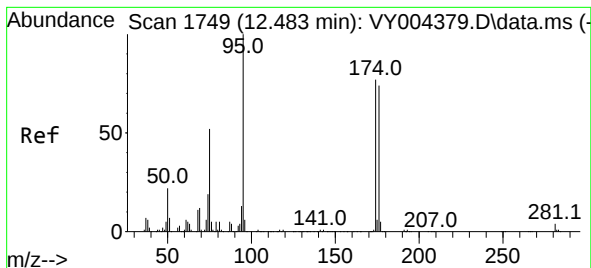
Tgt Ion:117 Resp: 14384
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.88 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

Tgt Ion: 98 Resp: 309861
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

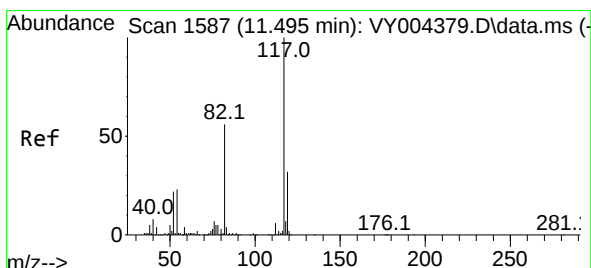
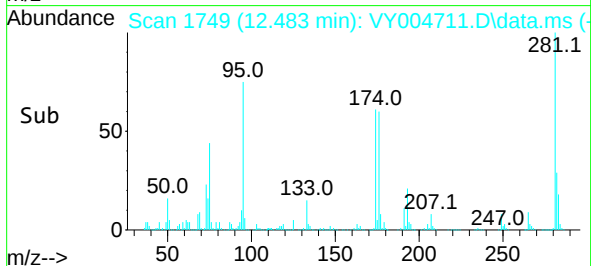
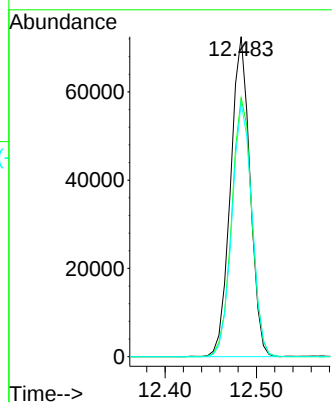
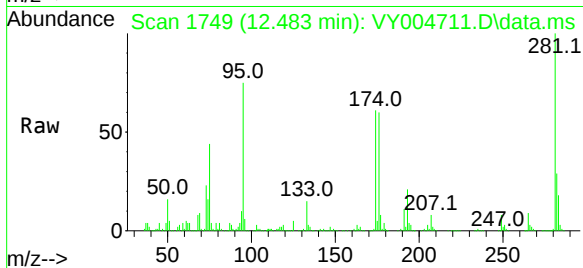




#62
4-Bromofluorobenzene
Concen: 53.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

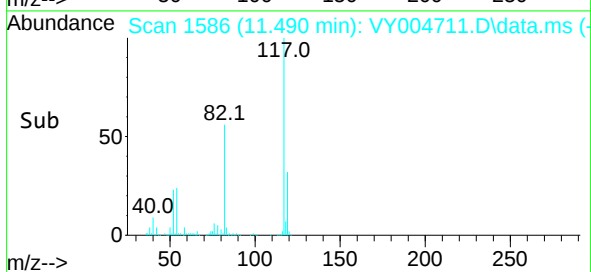
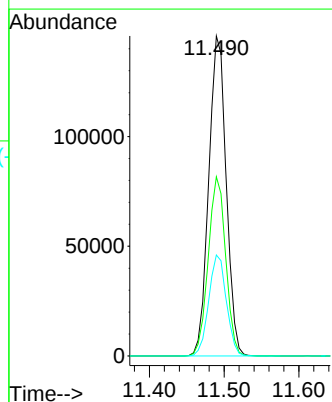
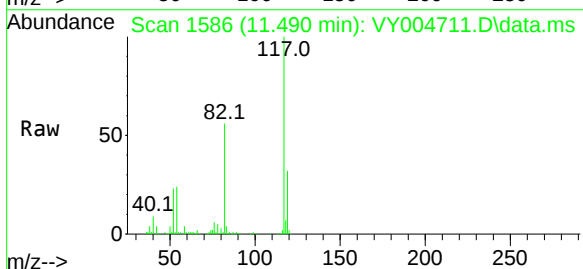
Instrument :
MSVOA_Y
ClientSampleId :

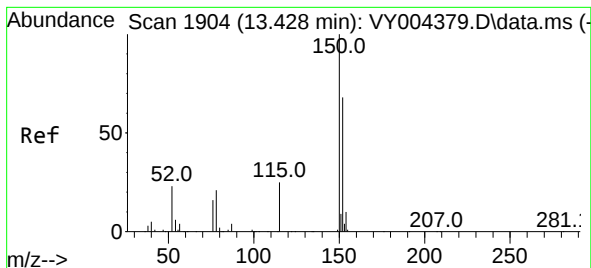
Tgt Ion: 95 Resp: 107429
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 81.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004711.D
Acq: 04 May 2021 13:35

Tgt Ion: 117 Resp: 236331
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 31.6 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: VY004711.D

Acq: 04 May 2021 13:35

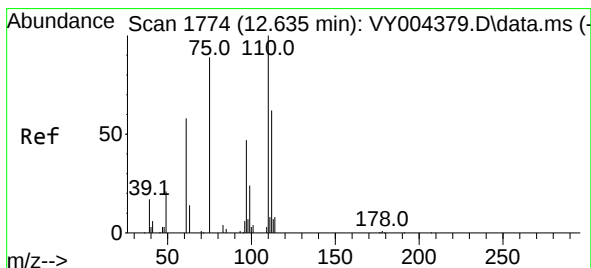
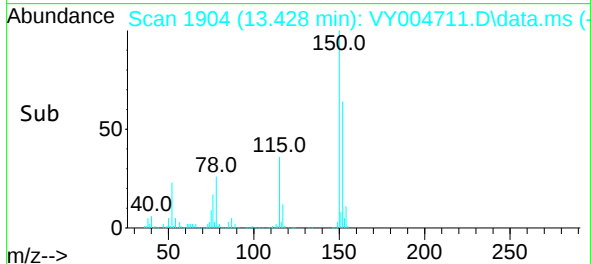
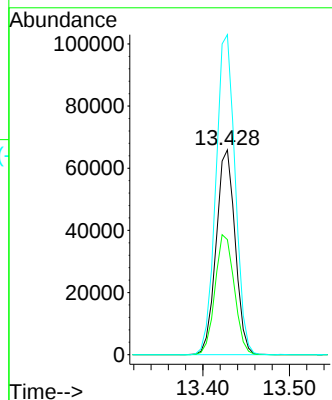
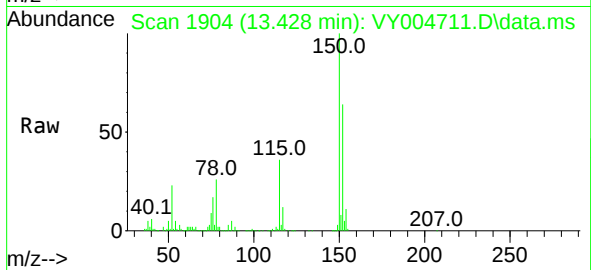
Tgt Ion:152 Resp: 100429

Ion Ratio Lower Upper

152 100

115 59.4 29.6 88.8

150 158.4 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 59.69 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY004711.D

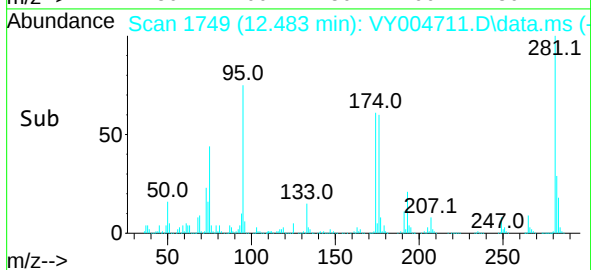
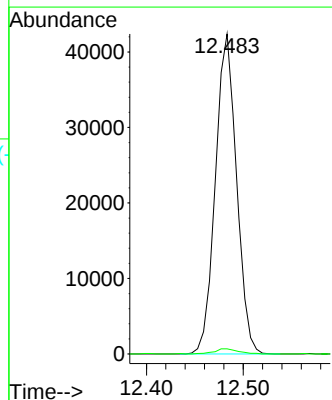
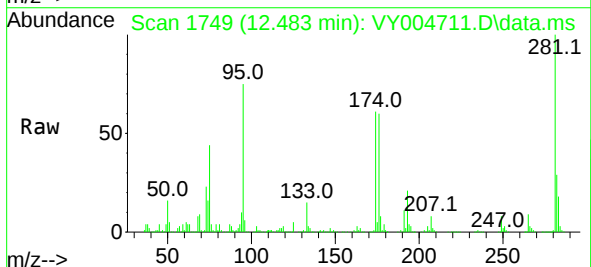
Acq: 04 May 2021 13:35

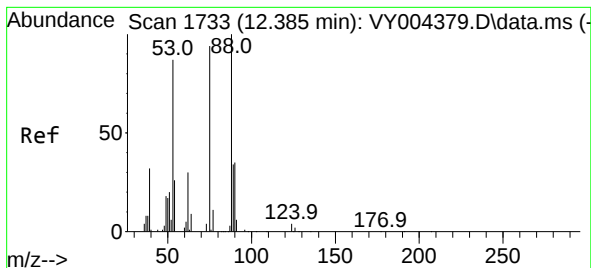
Tgt Ion: 75 Resp: 64340

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 106.78 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY004711.D

Acq: 04 May 2021 13:35

Tgt Ion: 75 Resp: 64340

Ion Ratio Lower Upper

75 100

53 0.2 75.0 112.6#

89 2.8 36.1 54.1#

Instrument :

MSVOA_Y

ClientSampleId :

