

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004628.D
 Acq On : 26 Apr 2021 14:39
 Operator : SY/MD
 Sample : M2176-02
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:33:10 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)

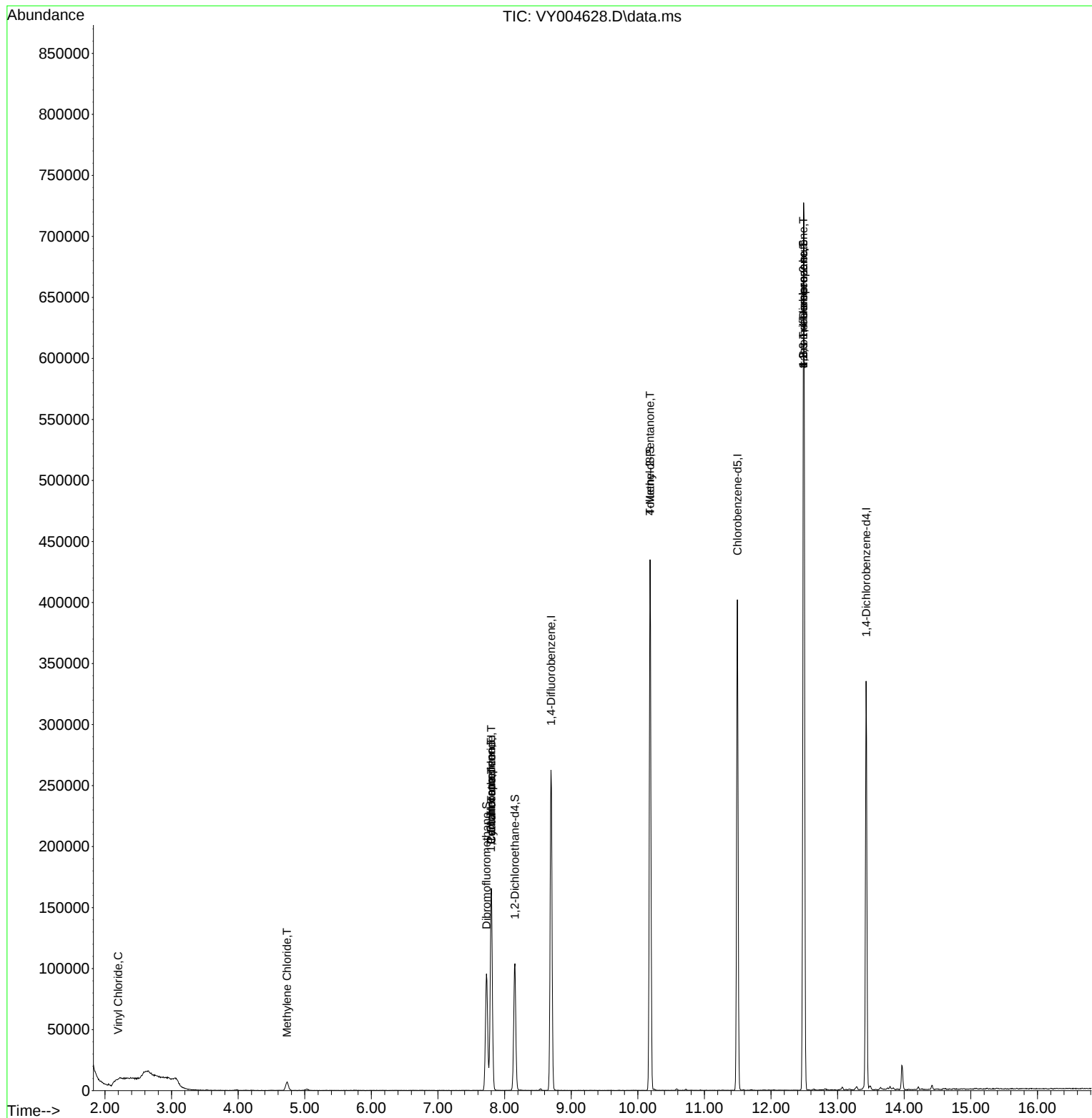
Internal Standards						
1) Pentafluorobenzene	7.801	168	124149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81201	58.87	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.74%
35) Dibromofluoromethane	7.728	113	65110	54.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.20%
50) Toluene-d8	10.185	98	266788	52.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.24%
62) 4-Bromofluorobenzene	12.483	95	86567	49.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.66%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.198	62	5414	3.08	ug/l #	43
16) Acetone	3.972	43	1128	Below Cal	#	44
20) Methylene Chloride	4.735	84	4723	3.55	ug/l	96
31) Cyclohexane	7.801	56	3061	1.21	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	10243	4.75	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12272	6.59	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1367	1.01	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	53053	61.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53053	110.38	ug/l #	14

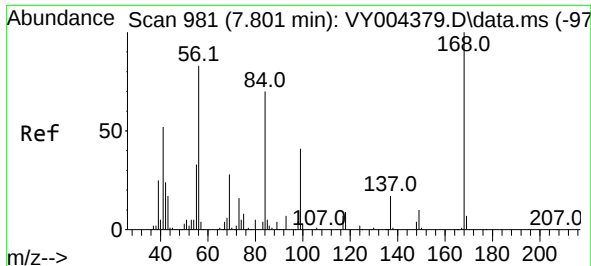
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

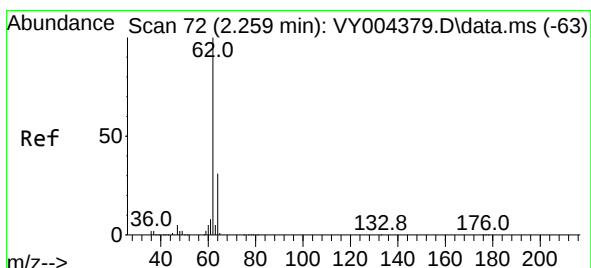
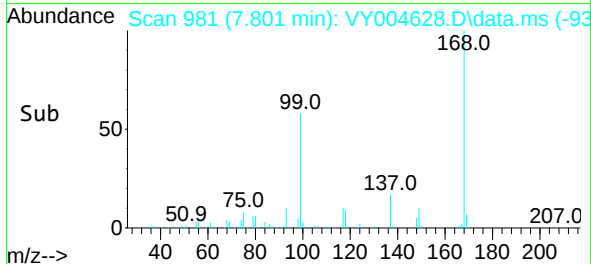
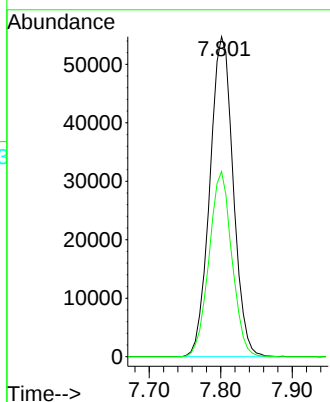
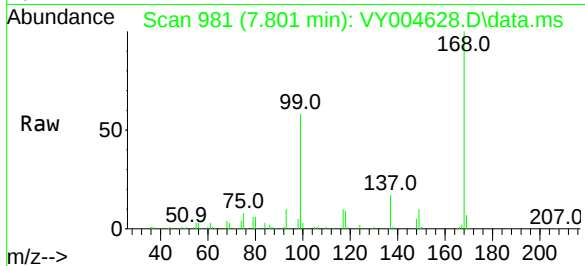




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

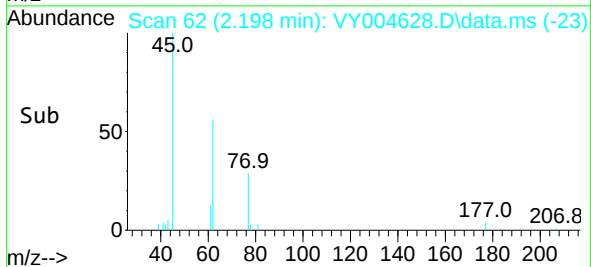
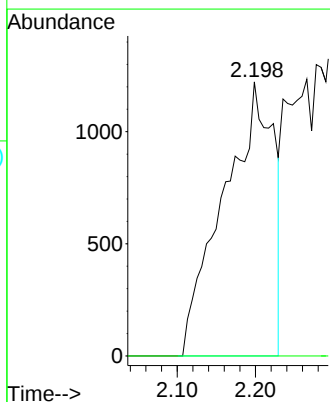
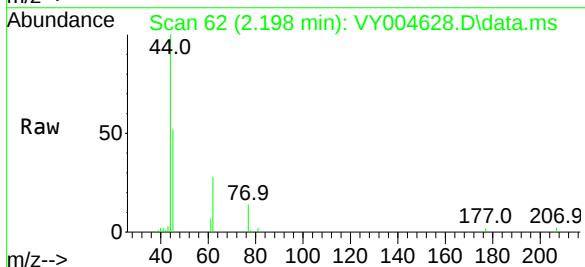
Instrument :
MSVOA_Y
ClientSampled :

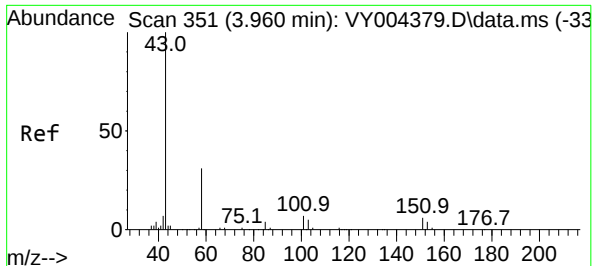
Tgt Ion:168 Resp: 124149
Ion Ratio Lower Upper
168 100
99 57.8 45.5 68.3



#4
Vinyl Chloride
Concen: 3.08 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

Tgt Ion: 62 Resp: 5414
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

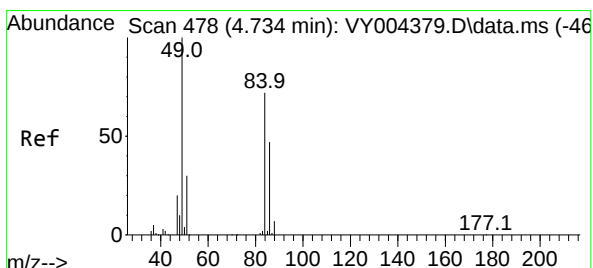
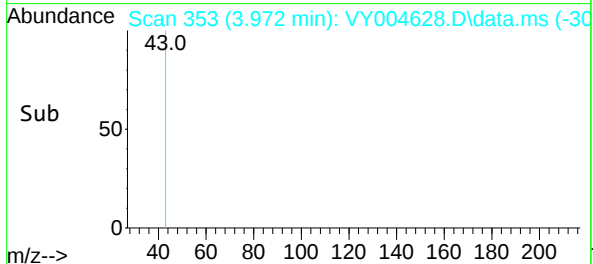
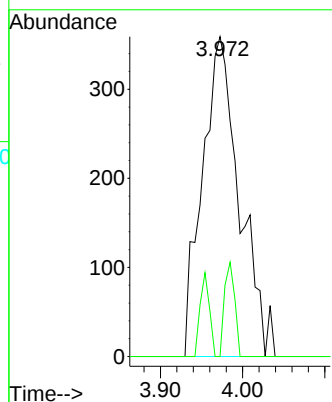
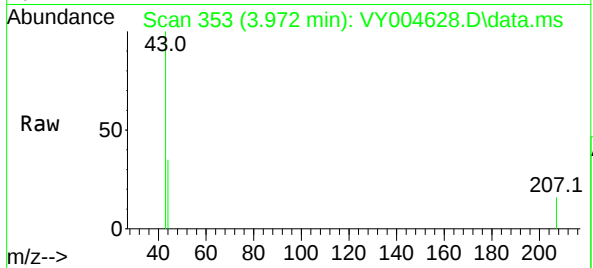




#16
Acetone
Concen: Below Cal
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

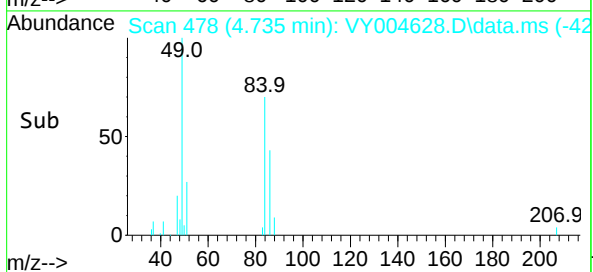
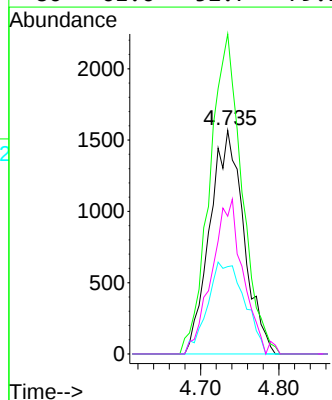
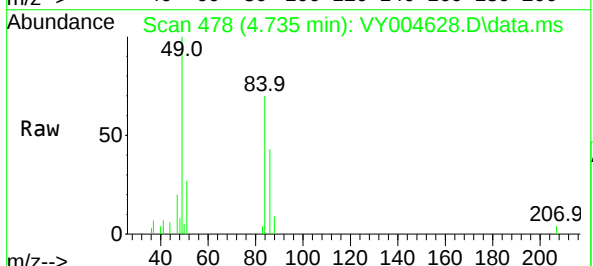
Instrument :
MSVOA_Y
ClientSampled :

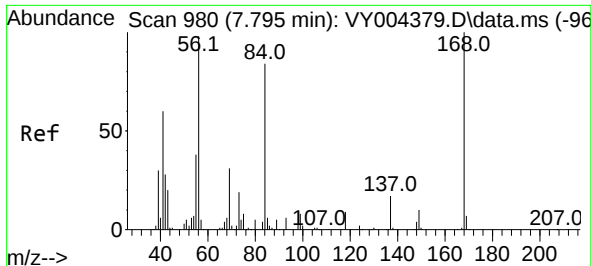
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



#20
Methylene Chloride
Concen: 3.55 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

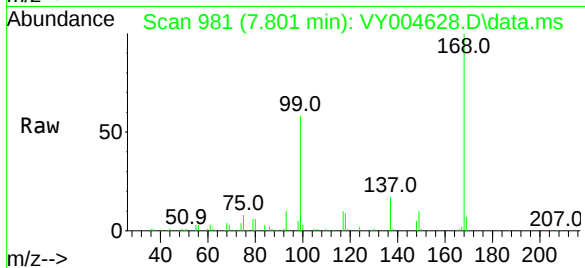
Tgt Ion: 84 Resp: 4723
Ion Ratio Lower Upper
84 100
49 143.1 111.2 166.8
51 39.1 33.4 50.2
86 61.6 52.7 79.1



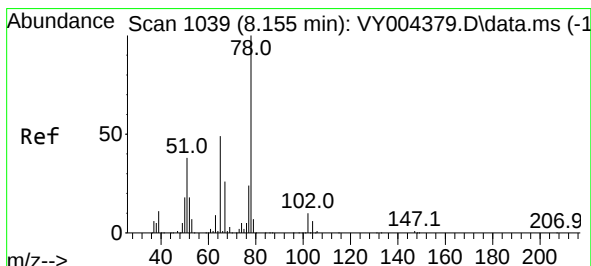
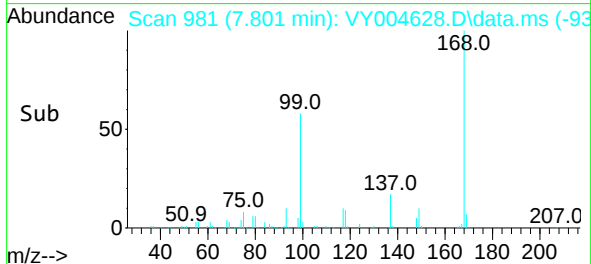
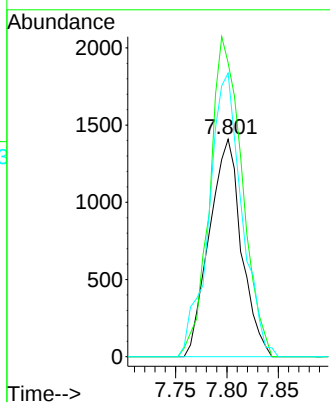


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

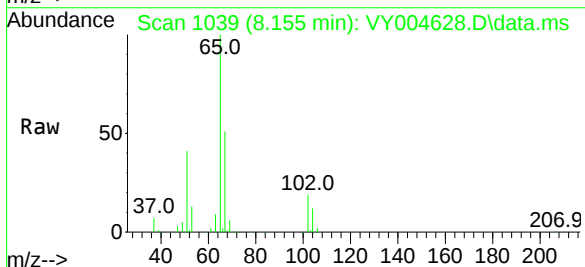
Instrument :
MSVOA_Y
ClientSampleId :



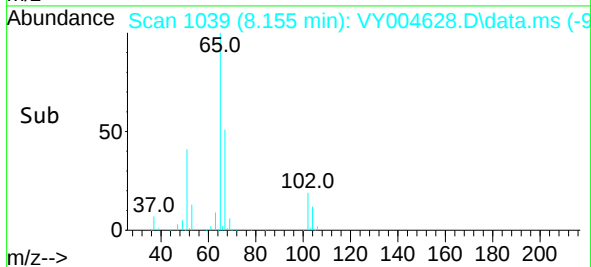
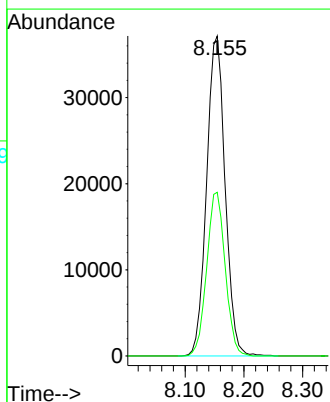
Tgt Ion: 56 Resp: 3061
Ion Ratio Lower Upper
56 100
69 135.1 25.8 38.6#
84 130.4 68.2 102.4#

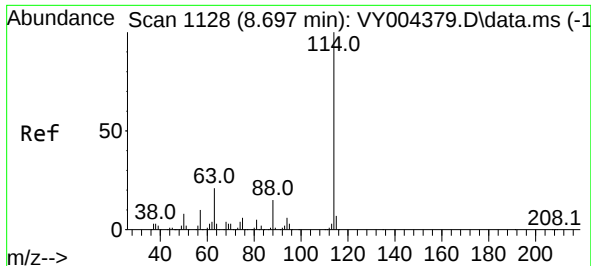


#33
1,2-Dichloroethane-d4
Concen: 58.87 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39



Tgt Ion: 65 Resp: 81201
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.4

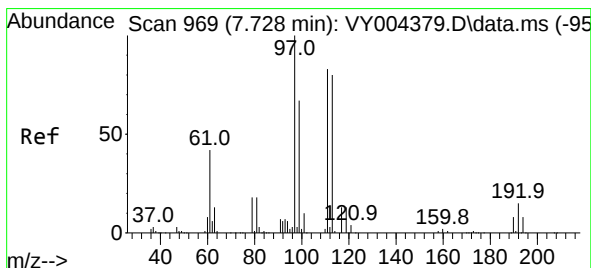
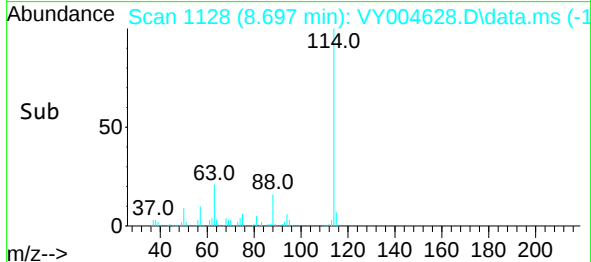
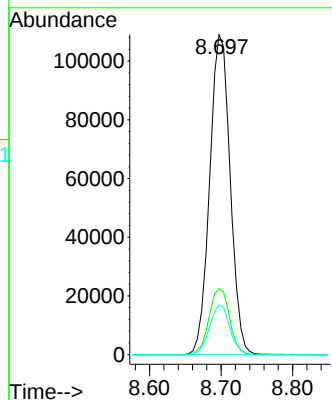
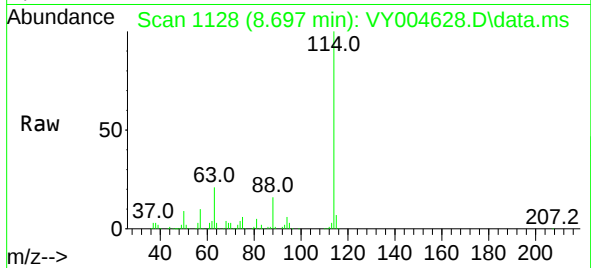




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

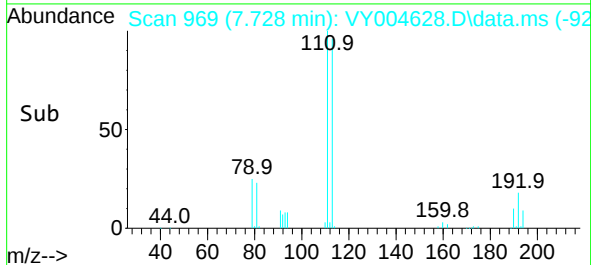
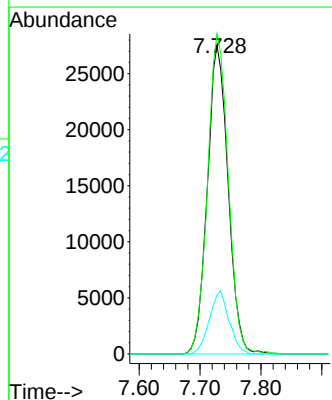
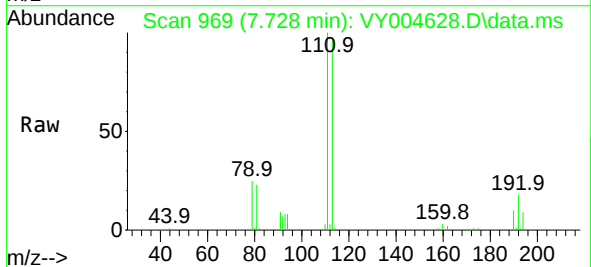
Instrument :
MSVOA_Y
ClientSampleId :

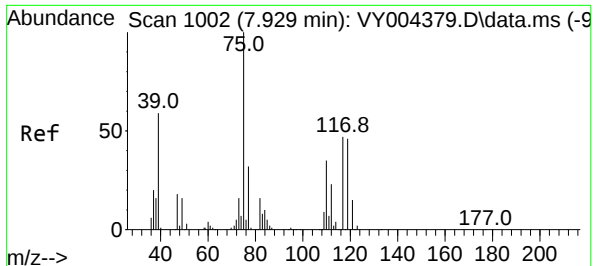
Tgt Ion:114 Resp: 216861
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.10 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

Tgt Ion:113 Resp: 65110
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 19.4 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.75 ug/l

RT: 7.795 min Scan# 980

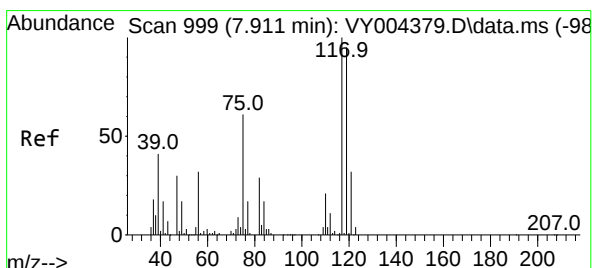
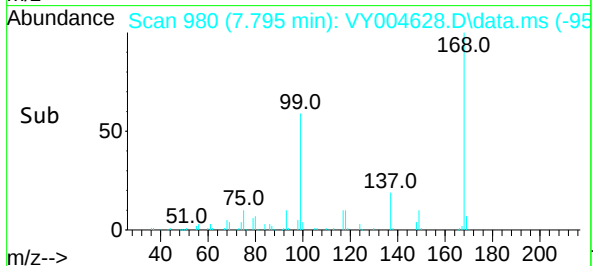
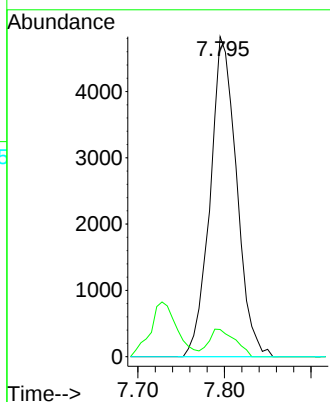
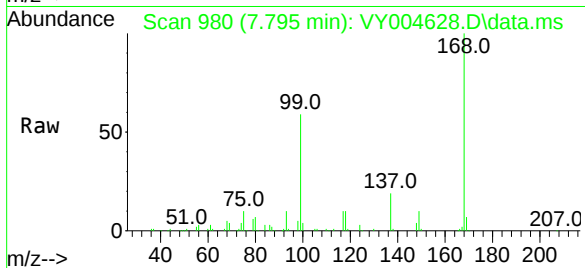
Delta R.T. -0.134 min

Lab File: VY004628.D

Acq: 26 Apr 2021 14:39

Tgt Ion:	75	Resp:	10243
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.59 ug/l

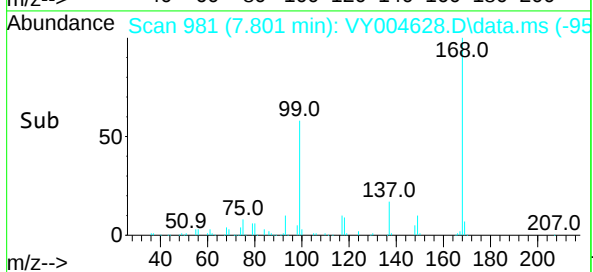
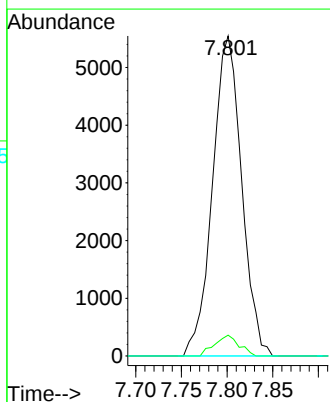
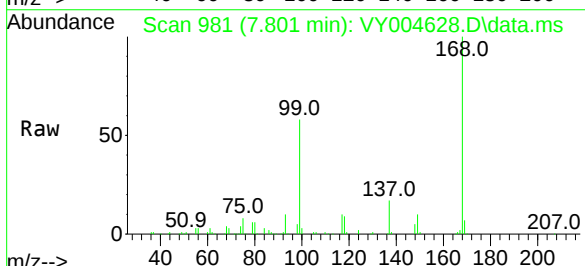
RT: 7.801 min Scan# 981

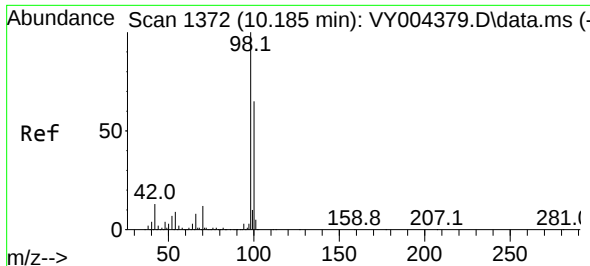
Delta R.T. -0.110 min

Lab File: VY004628.D

Acq: 26 Apr 2021 14:39

Tgt Ion:	117	Resp:	12272
Ion	Ratio	Lower	Upper
117	100		
119	6.5	75.8	113.8#
121	0.0	25.3	37.9#

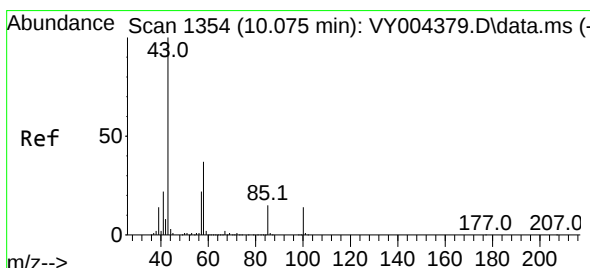
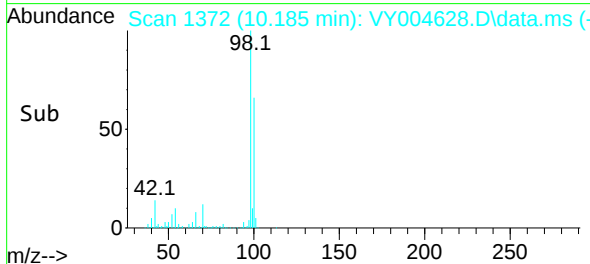
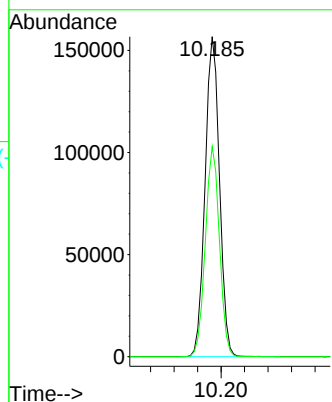
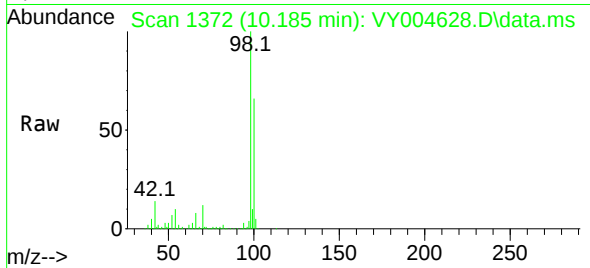




#50
Toluene-d8
Concen: 52.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

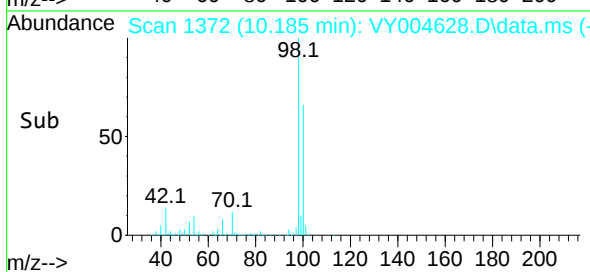
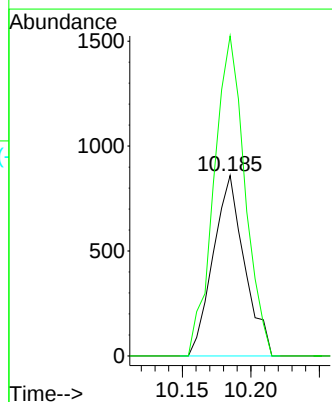
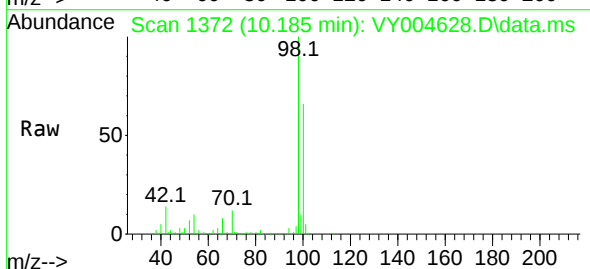
Instrument :
MSVOA_Y
ClientSampled :

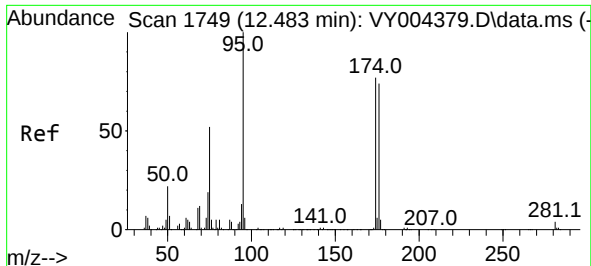
Tgt Ion: 98 Resp: 266788
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 175.4 29.2 43.8#

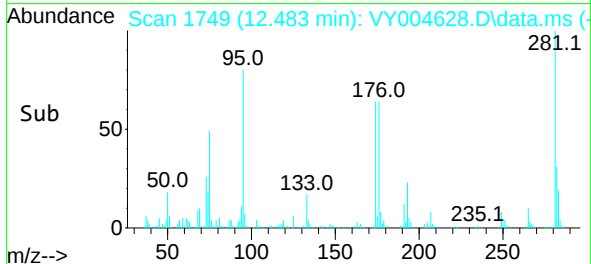
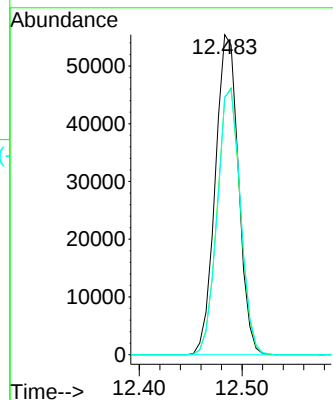
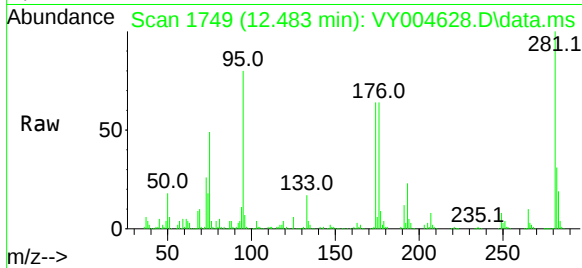




#62
4-Bromofluorobenzene
Concen: 49.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

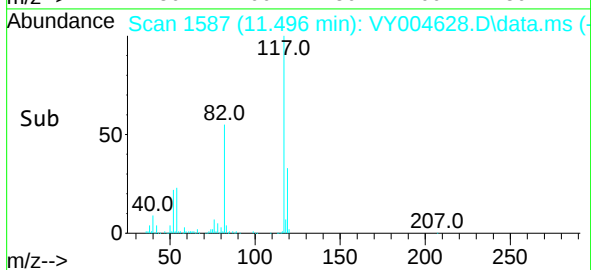
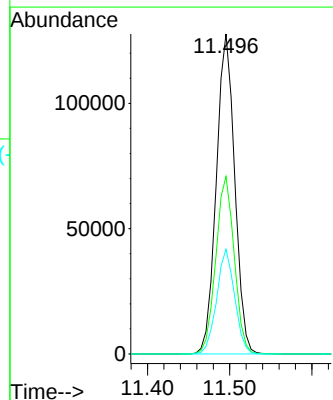
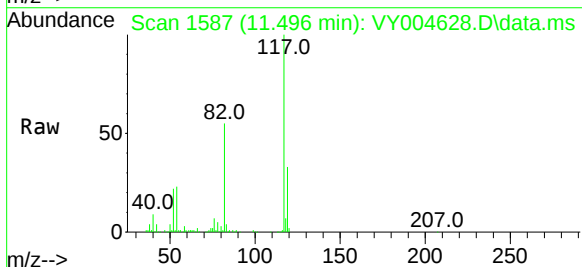
Instrument :
MSVOA_Y
ClientSampleId :

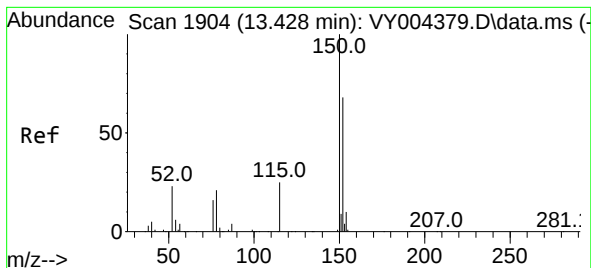
Tgt Ion: 95 Resp: 86567
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 83.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004628.D
Acq: 26 Apr 2021 14:39

Tgt Ion: 117 Resp: 198492
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 32.8 25.4 38.0

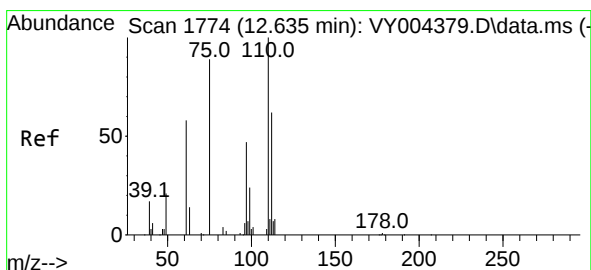
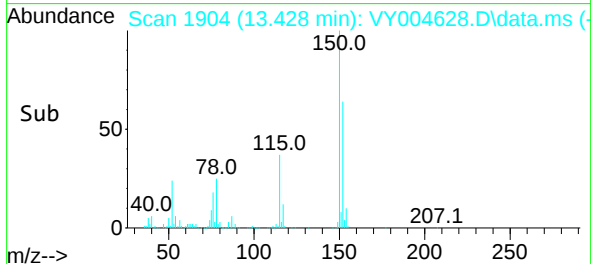
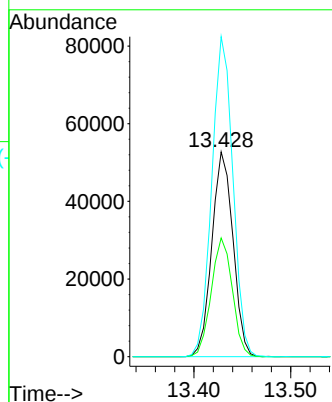
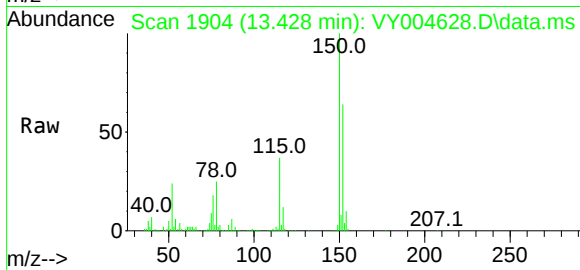




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004628.D
 Acq: 26 Apr 2021 14:39

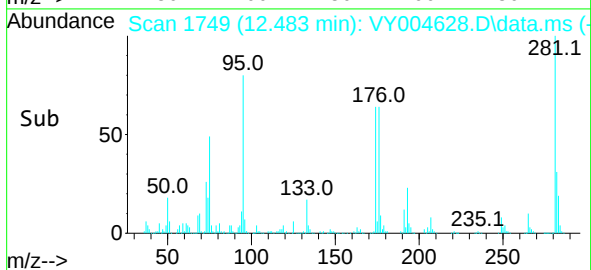
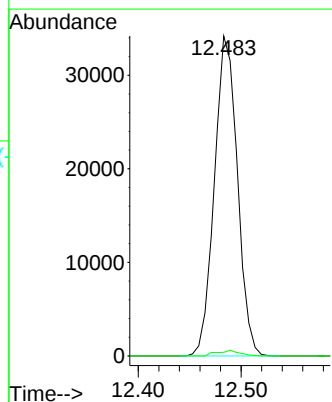
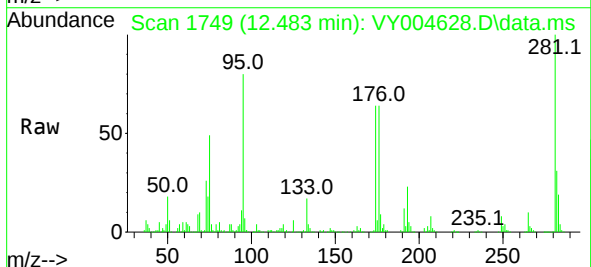
Instrument :
 MSVOA_Y
 ClientSampleId :

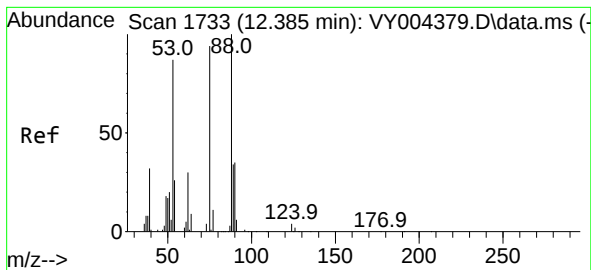
Tgt Ion:152 Resp: 80108
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.6 88.8
 150 156.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 61.70 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004628.D
 Acq: 26 Apr 2021 14:39

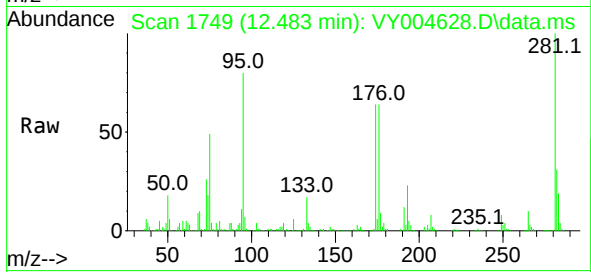
Tgt Ion: 75 Resp: 53053
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004628.D
 Acq: 26 Apr 2021 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53053
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 3.1 36.1 54.1#

