

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005739.D
 Acq On : 18 Aug 2021 14:58
 Operator : SY/MD
 Sample : M3447-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:17:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

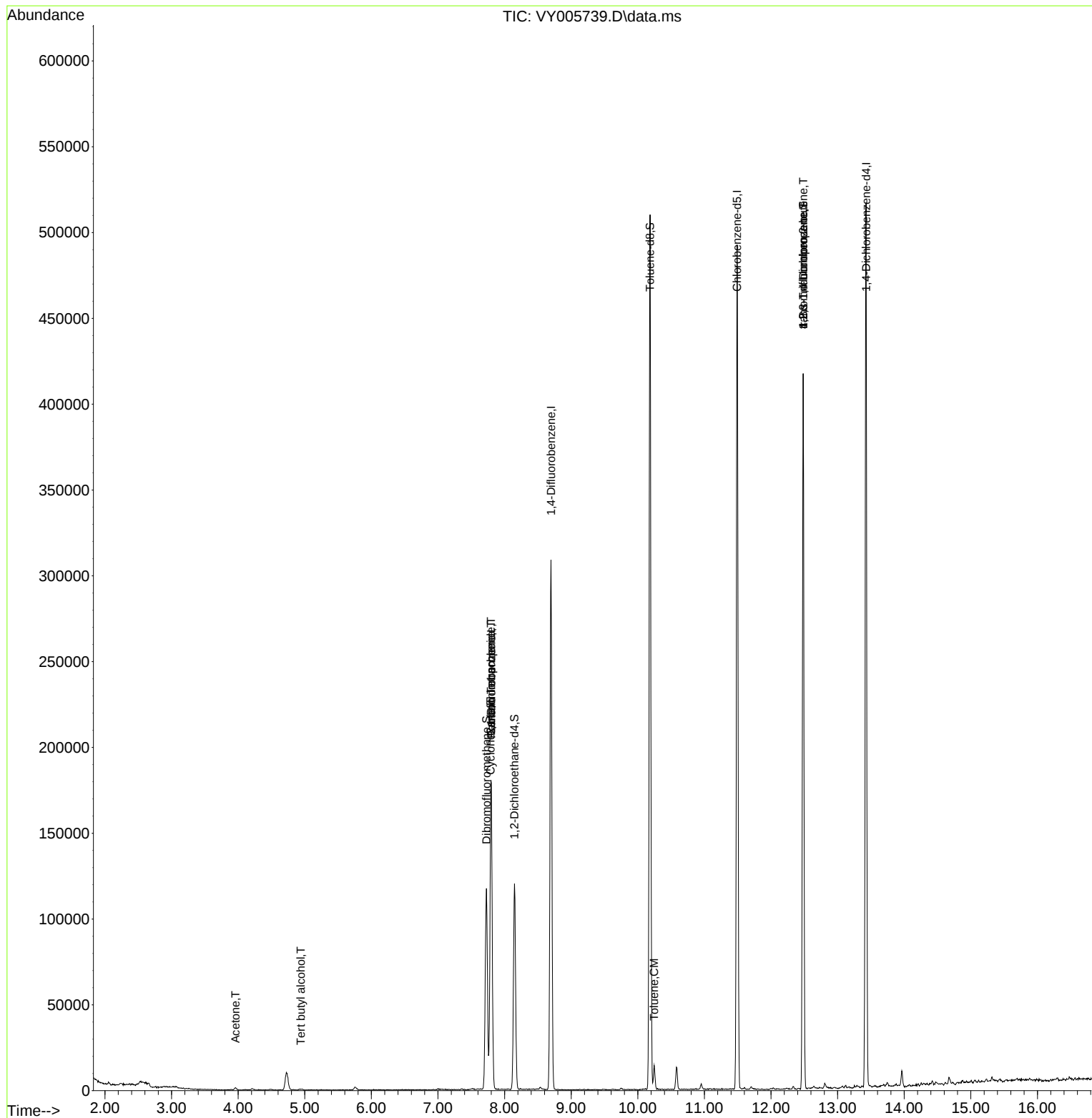
Internal Standards						
1) Pentafluorobenzene	7.801	168	149286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	253737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97250	64.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.720%	
35) Dibromofluoromethane	7.728	113	77372	54.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.185	98	325900	54.700	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.400%	
62) 4-Bromofluorobenzene	12.483	95	115154	58.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	564	3.775	ug/l #	73
16) Acetone	3.960	43	2085	5.472	ug/l #	85
20) Methylene Chloride	4.728	84	7582	Below Cal		96
31) Cyclohexane	7.789	56	2855	1.101	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	10478	4.403	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13124	5.074	ug/l #	16
52) Toluene	10.246	92	5304	1.221	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	63861	46.472	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63861	93.682	ug/l #	11

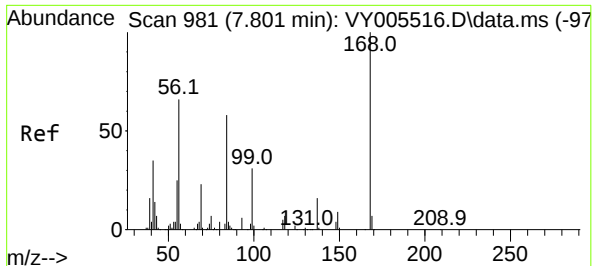
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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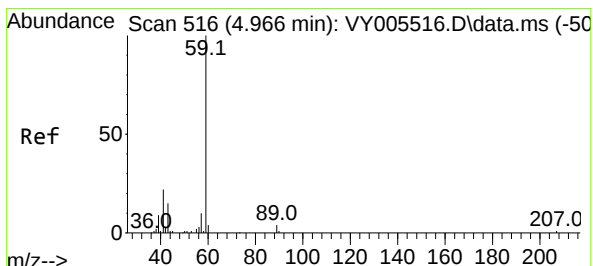
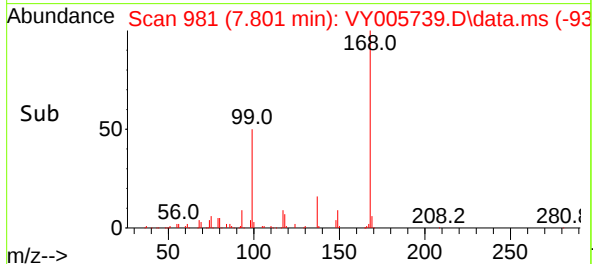
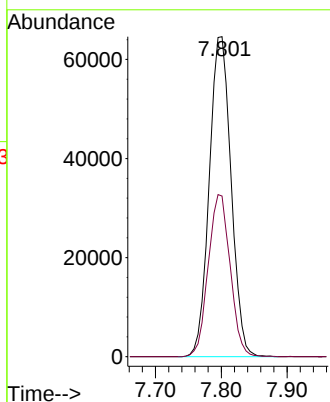
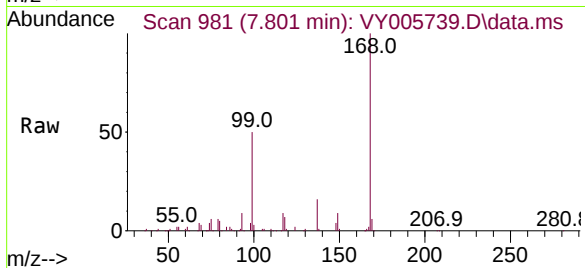




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

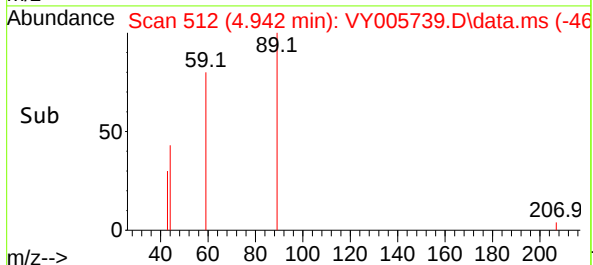
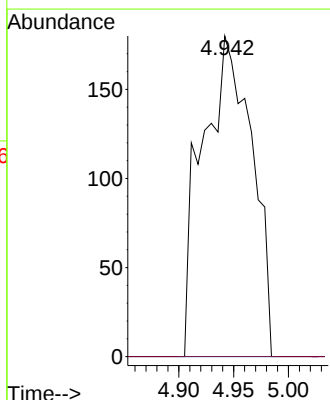
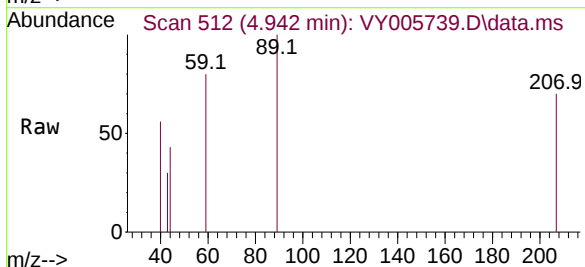
Instrument :
MSVOA_Y
ClientSampleId :

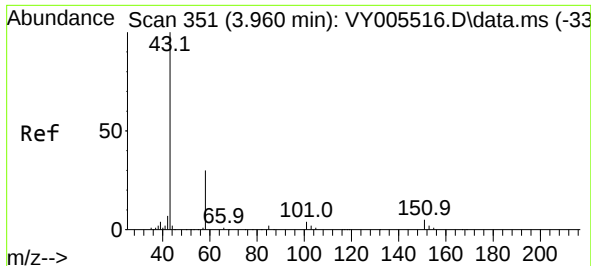
Tgt Ion:168 Resp: 149286
Ion Ratio Lower Upper
168 100
99 50.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.775 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

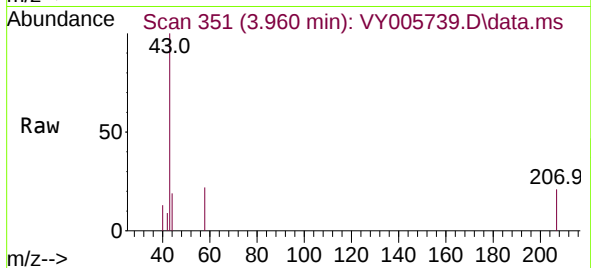
Tgt Ion: 59 Resp: 564
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



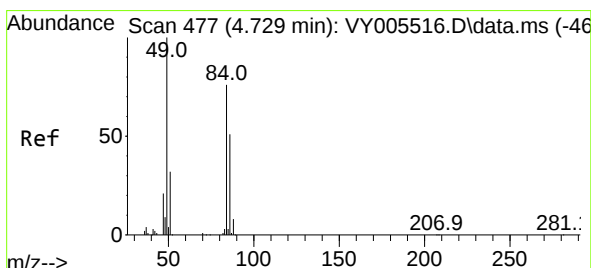
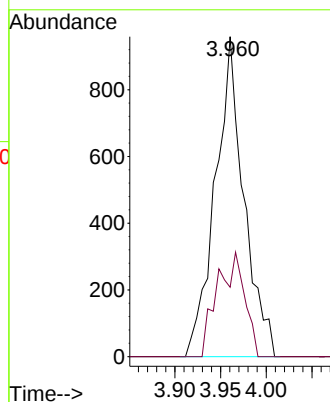
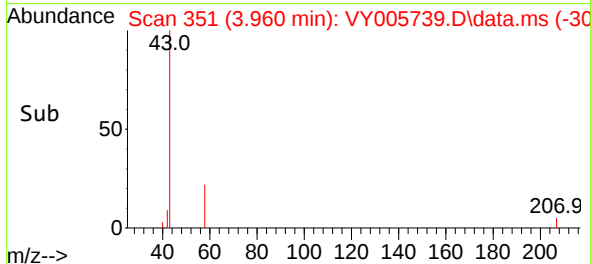


#16
Acetone
Concen: 5.472 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

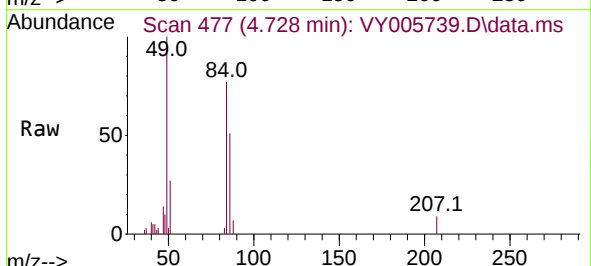
Instrument :
MSVOA_Y
ClientSampled :



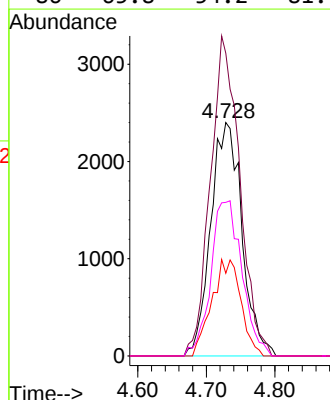
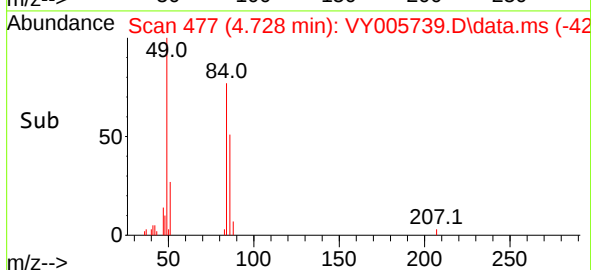
Tgt Ion: 43 Resp: 2085
Ion Ratio Lower Upper
43 100
58 21.7 23.8 35.6#

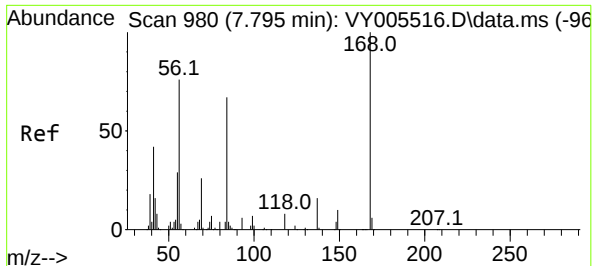


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58



Tgt Ion: 84 Resp: 7582
Ion Ratio Lower Upper
84 100
49 129.7 105.8 158.6
51 35.4 33.4 50.2
86 65.8 54.2 81.4

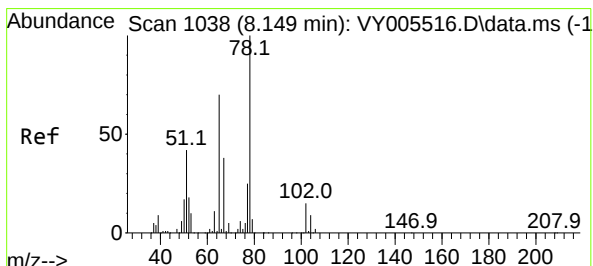
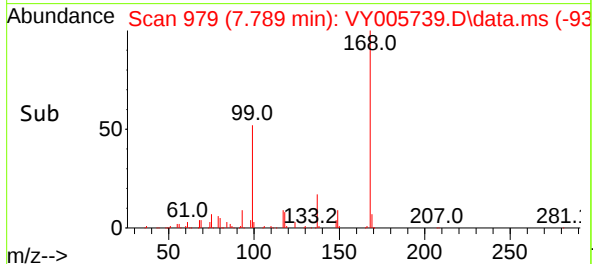
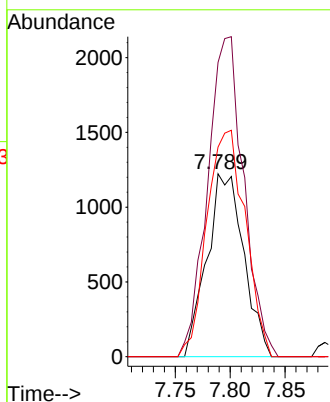
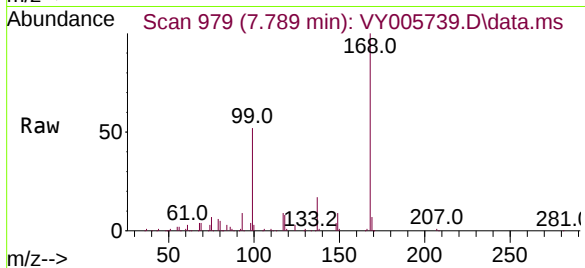




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

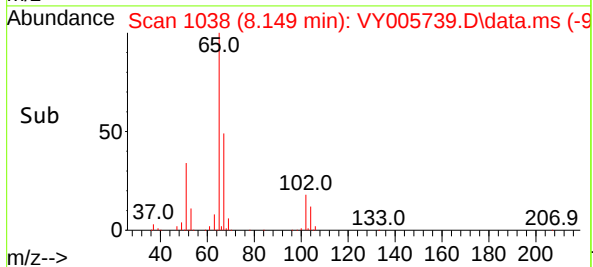
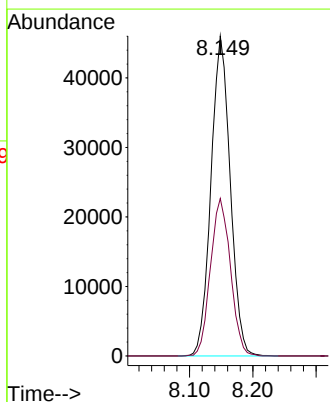
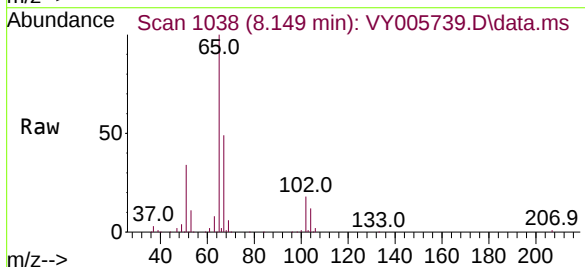
Instrument :
MSVOA_Y
ClientSampleId :

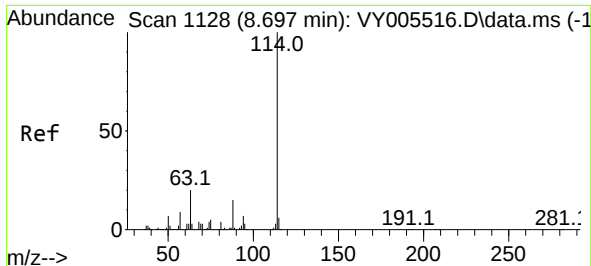
Tgt Ion: 56 Resp: 2855
Ion Ratio Lower Upper
56 100
69 160.9 27.7 41.5#
84 114.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 64.355 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

Tgt Ion: 65 Resp: 97250
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

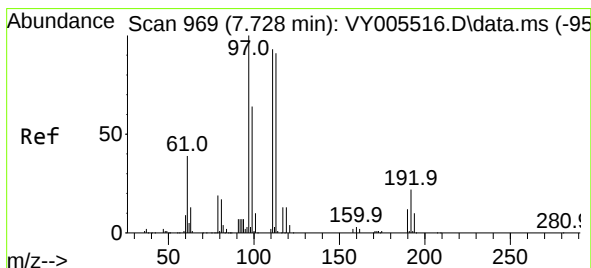
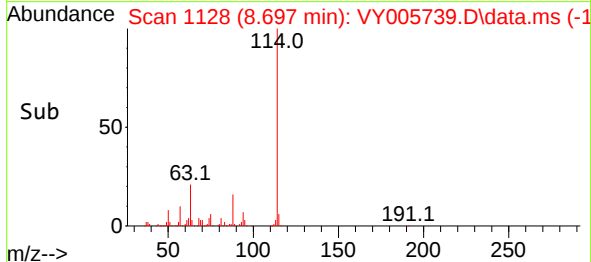
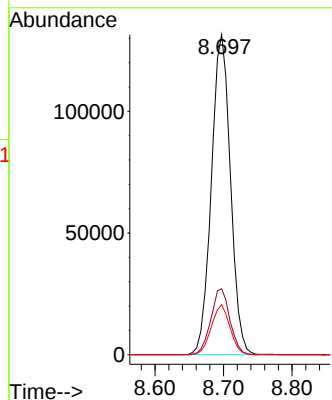
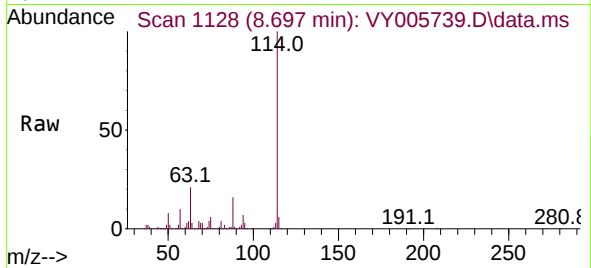




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

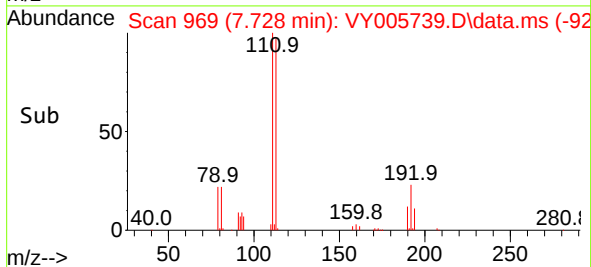
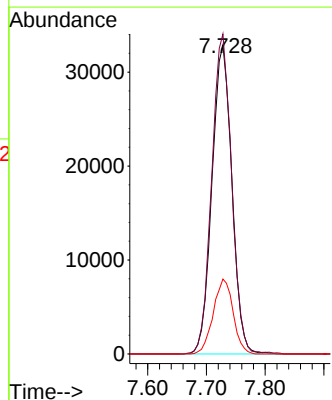
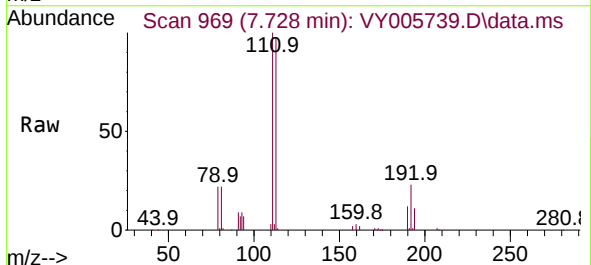
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 253737
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.464 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

Tgt Ion:113 Resp: 77372
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 24.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.403 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005739.D

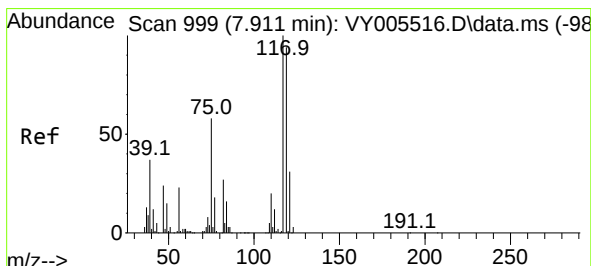
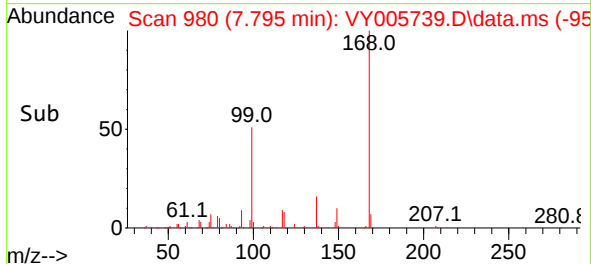
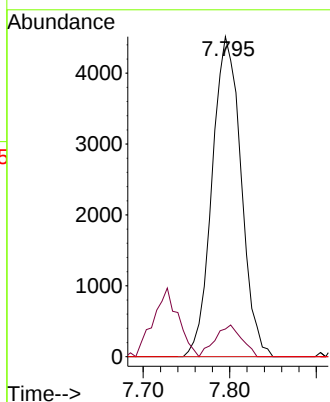
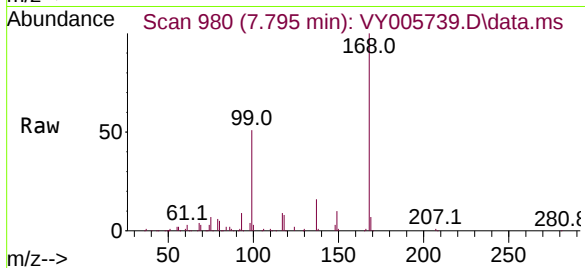
Acq: 18 Aug 2021 14:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	10478
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.074 ug/l

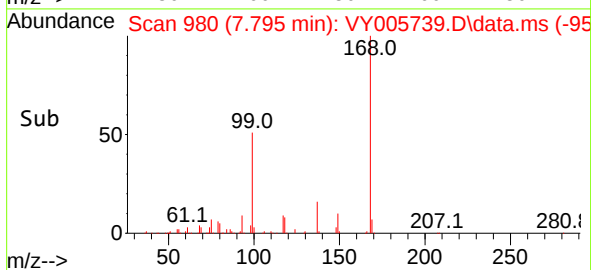
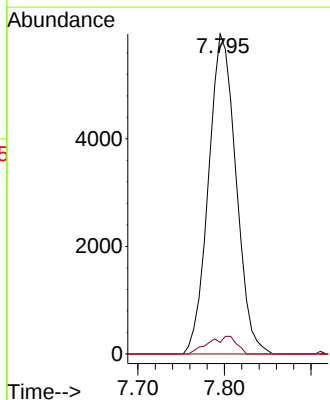
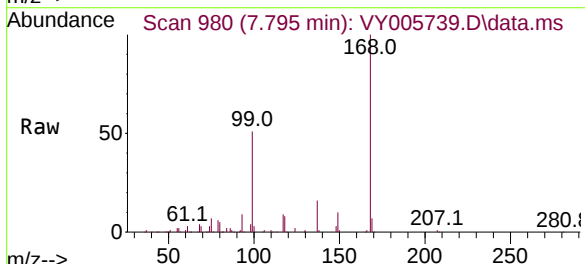
RT: 7.795 min Scan# 980

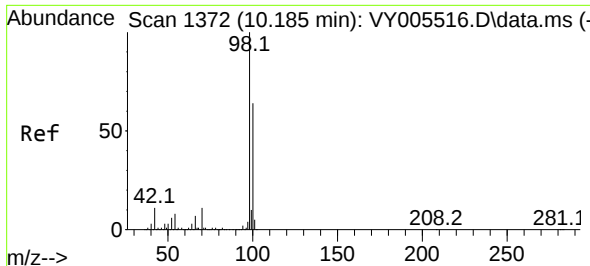
Delta R.T. -0.116 min

Lab File: VY005739.D

Acq: 18 Aug 2021 14:58

Tgt Ion:	117	Resp:	13124
Ion	Ratio	Lower	Upper
117	100		
119	3.6	75.4	113.0#
121	0.0	25.1	37.7#

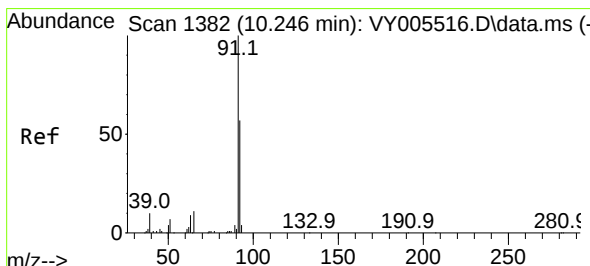
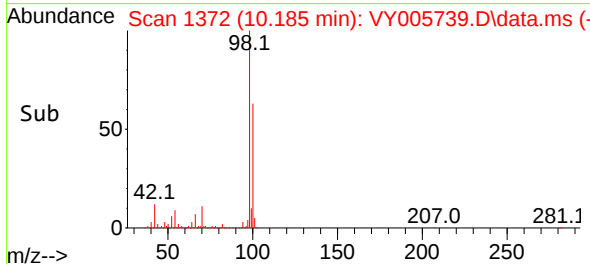
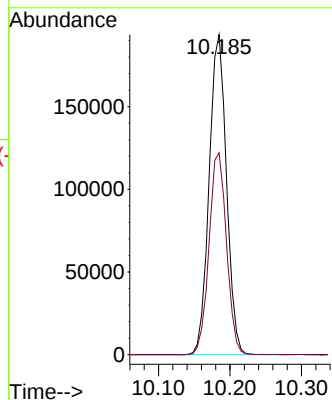
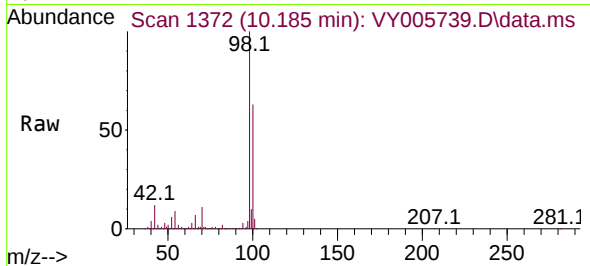




#50
Toluene-d8
Concen: 54.700 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

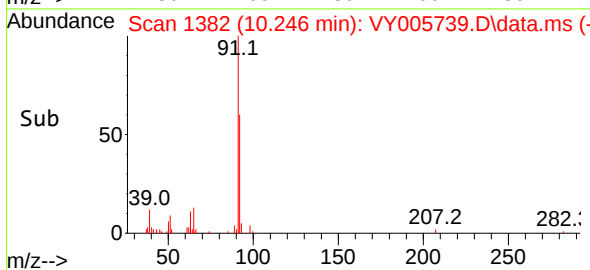
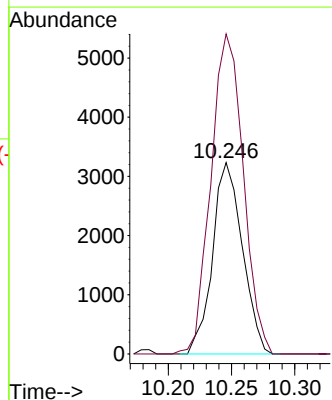
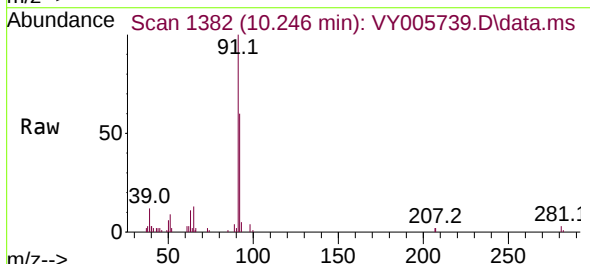
Instrument :
MSVOA_Y
ClientSampled :

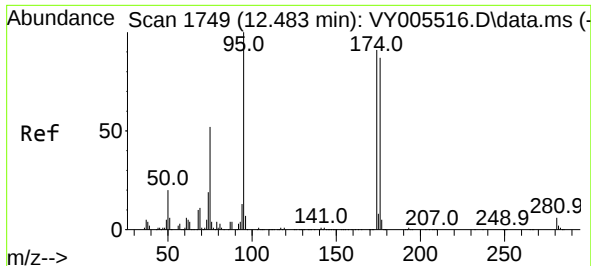
Tgt Ion: 98 Resp: 325900
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#52
Toluene
Concen: 1.221 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

Tgt Ion: 92 Resp: 5304
Ion Ratio Lower Upper
92 100
91 181.7 139.6 209.4

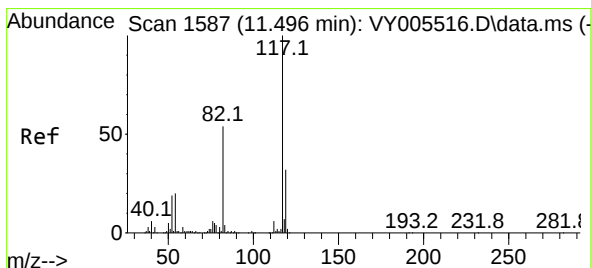
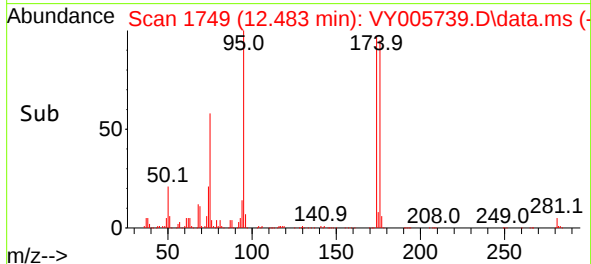
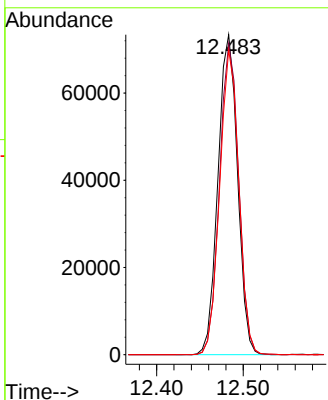
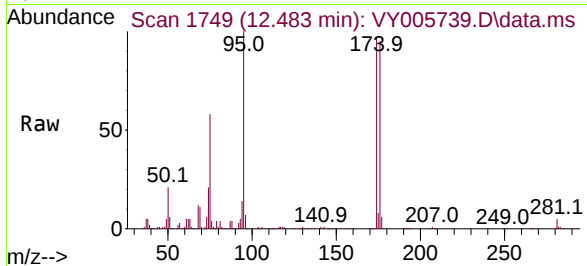




#62
4-Bromofluorobenzene
Concen: 58.366 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

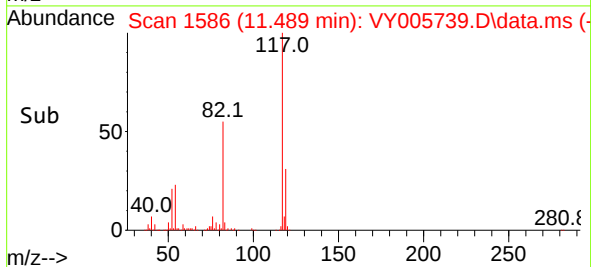
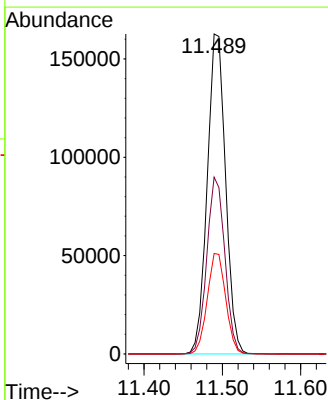
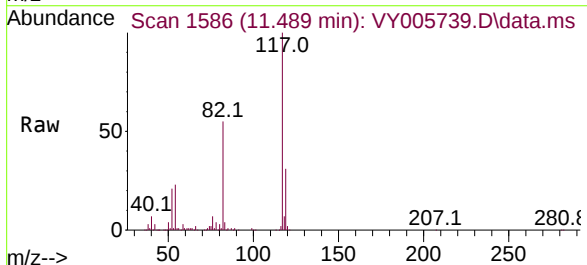
Instrument :
MSVOA_Y
ClientSampleId :

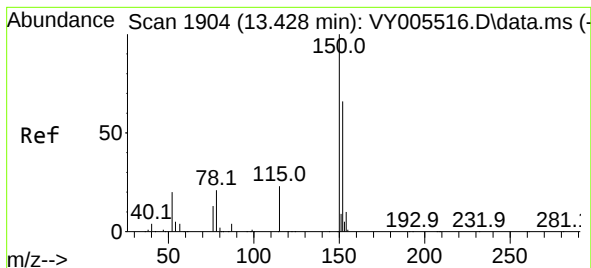
Tgt Ion:	95	Resp:	115154
Ion Ratio	Lower	Upper	
95	100		
174	95.5	0.0	191.4
176	93.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005739.D
Acq: 18 Aug 2021 14:58

Tgt Ion:	117	Resp:	264192
Ion Ratio	Lower	Upper	
117	100		
82	55.3	43.5	65.3
119	31.4	25.5	38.3

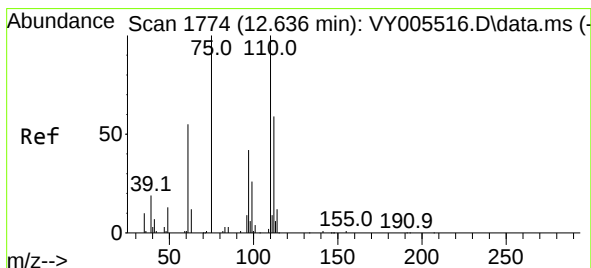
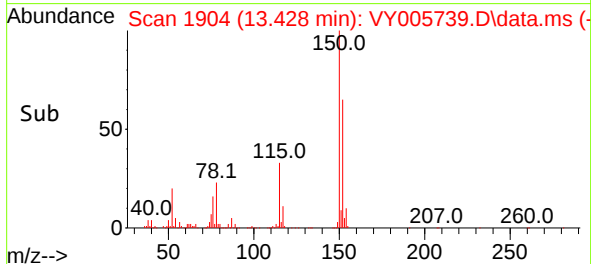
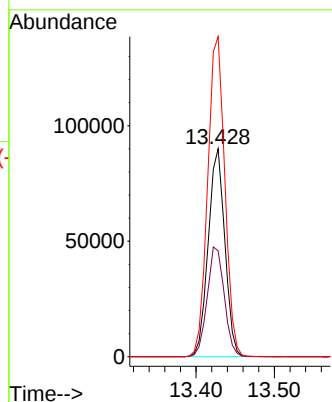
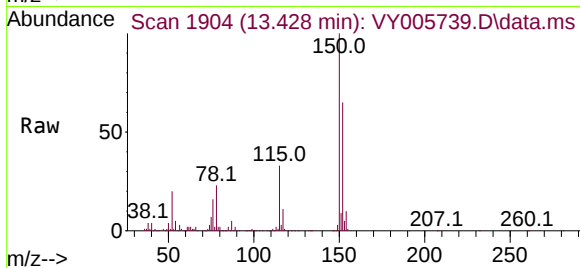




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005739.D
 Acq: 18 Aug 2021 14:58

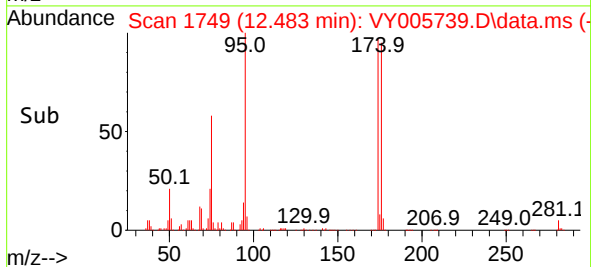
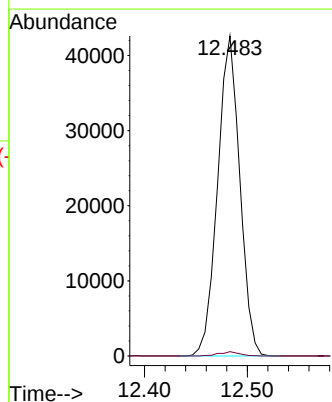
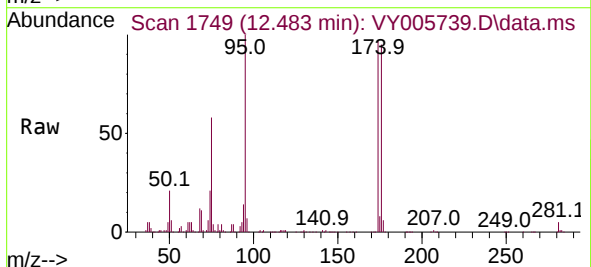
Instrument :
 MSVOA_Y
 ClientSampleId :

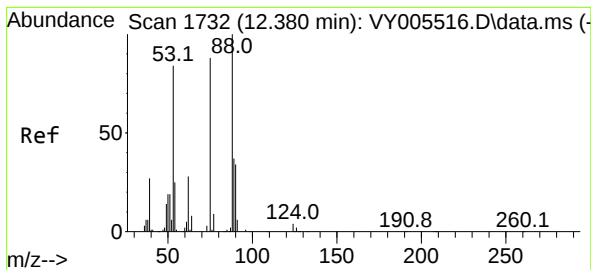
Tgt Ion:152 Resp: 132606
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.3 81.9
 150 158.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.472 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005739.D
 Acq: 18 Aug 2021 14:58

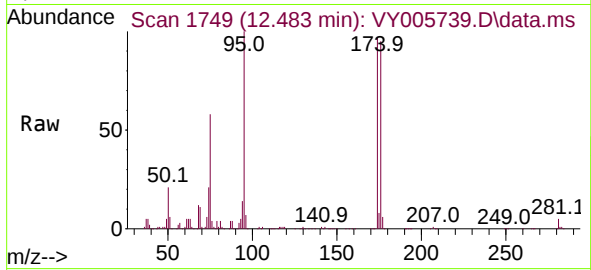
Tgt Ion: 75 Resp: 63861
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.682 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005739.D
 Acq: 18 Aug 2021 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63861
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.1 38.4 57.6#

