

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006298.D
 Acq On : 04 Oct 2021 23:43
 Operator : SY/MD
 Sample : M4057-01
 Misc : 5.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHAFT-17B-SP

Quant Time: Oct 05 06:40:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

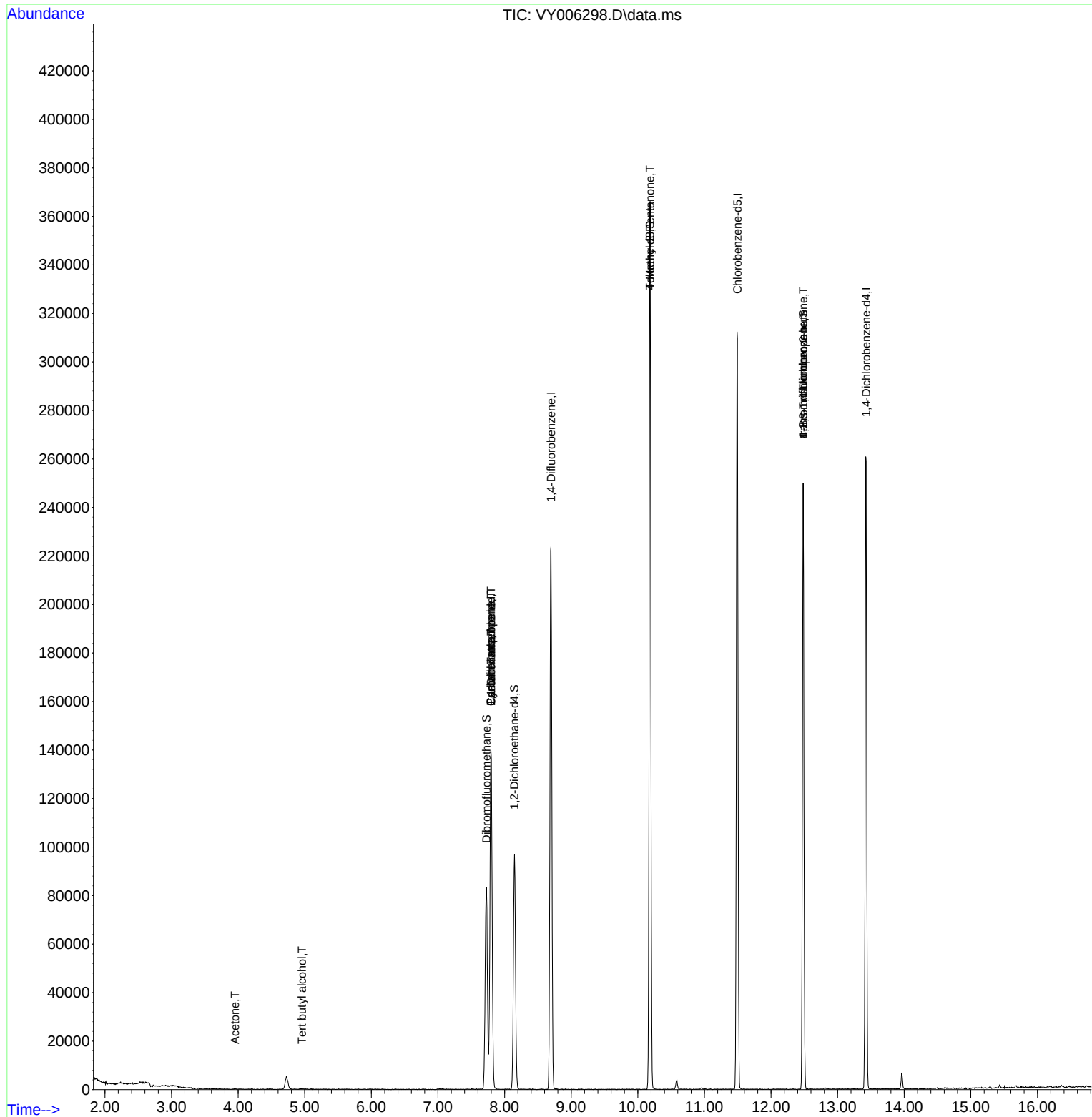
Internal Standards						
1) Pentafluorobenzene	7.795	168	110539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	166264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82279	69.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.100%	
35) Dibromofluoromethane	7.728	113	55369	56.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.540%	
50) Toluene-d8	10.185	98	228203	55.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.483	95	65640	46.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	756	7.305	ug/l #	77
16) Acetone	3.954	43	465	1.407	ug/l #	47
20) Methylene Chloride	4.729	84	3561	Below Cal		90
31) Cyclohexane	7.795	56	2566	1.145	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	8596	4.691	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10624	5.491	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1165	1.096	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37249	58.617	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37249	115.192	ug/l #	7

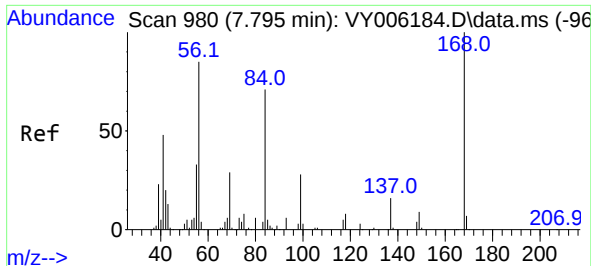
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
Data File : VY006298.D
Acq On : 04 Oct 2021 23:43
Operator : SY/MD
Sample : M4057-01
Misc : 5.18G/5ML/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

Quant Time: Oct 05 06:40:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

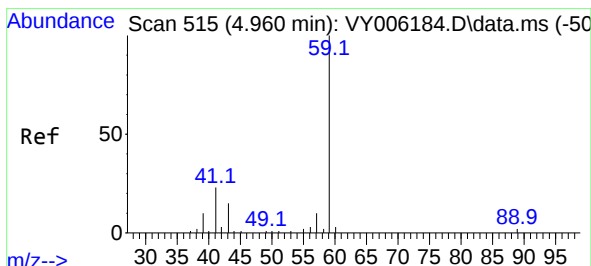
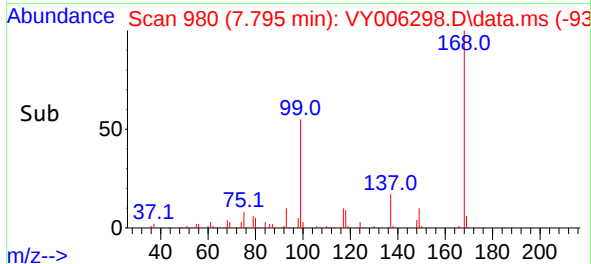
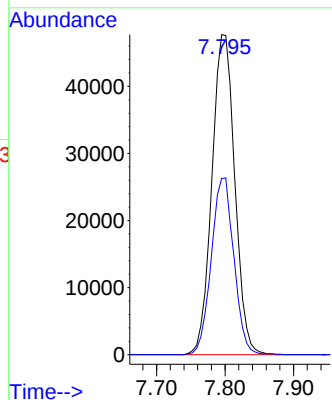
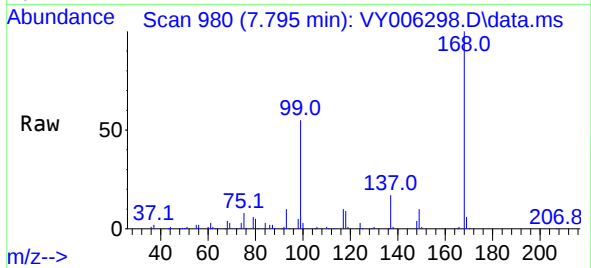




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

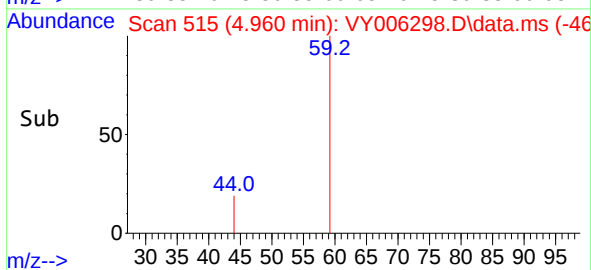
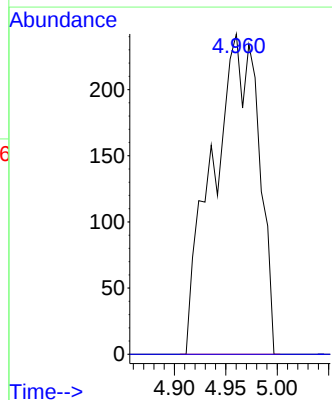
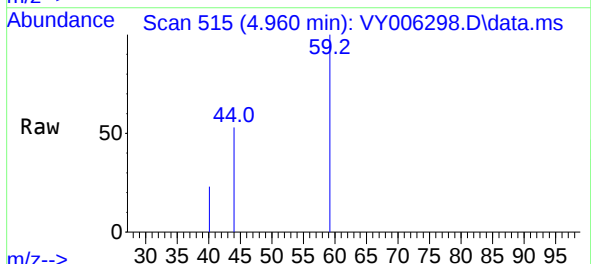
Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

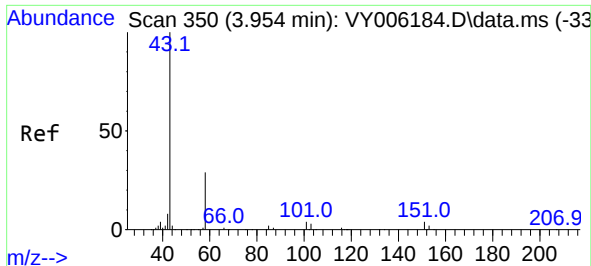
Tgt Ion:168 Resp: 110539
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.305 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

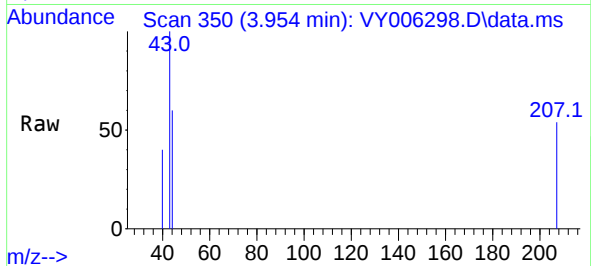
Tgt Ion: 59 Resp: 756
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



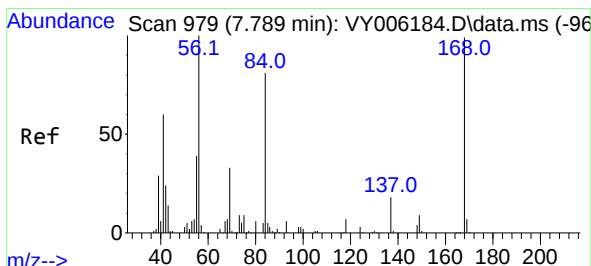
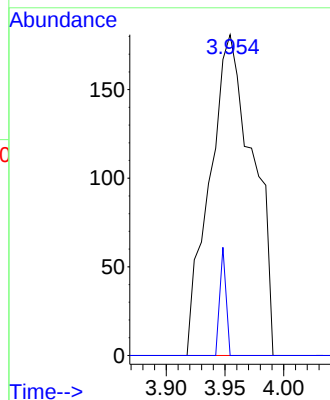
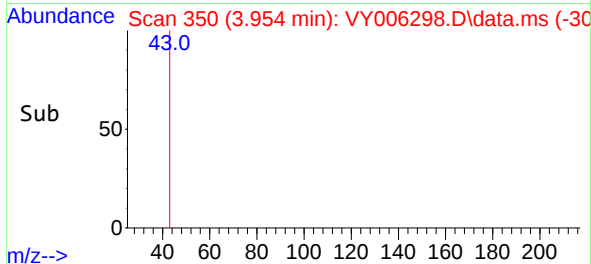


#16
Acetone
Concen: 1.407 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

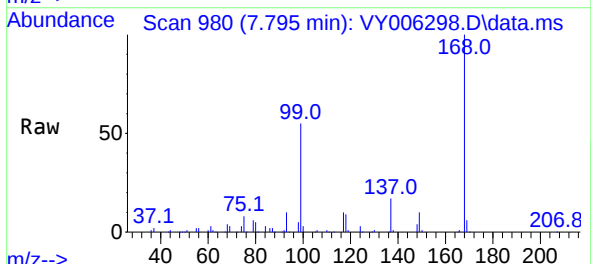
Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP



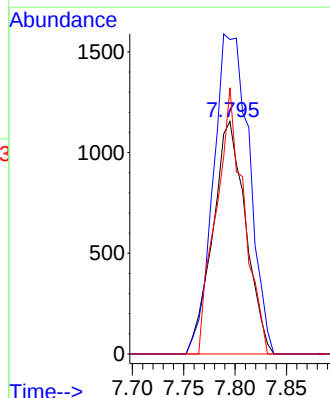
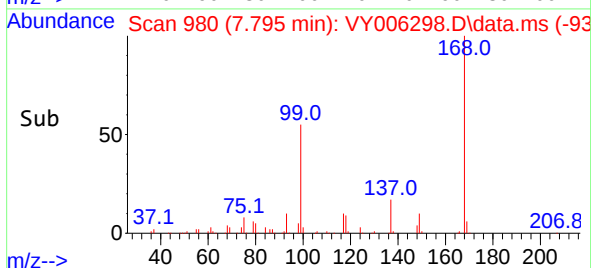
Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

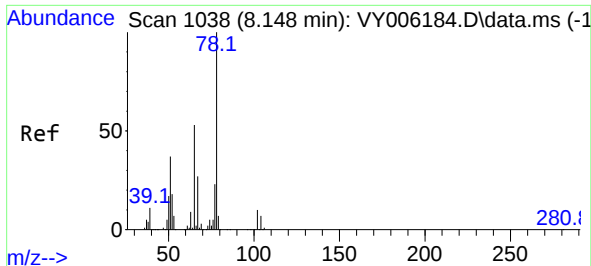


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43



Tgt Ion: 56 Resp: 2566
Ion Ratio Lower Upper
56 100
69 135.3 26.7 40.1#
84 114.6 67.2 100.8#

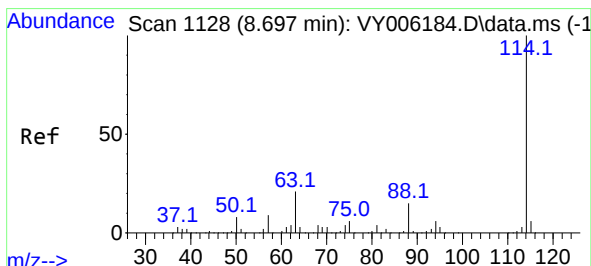
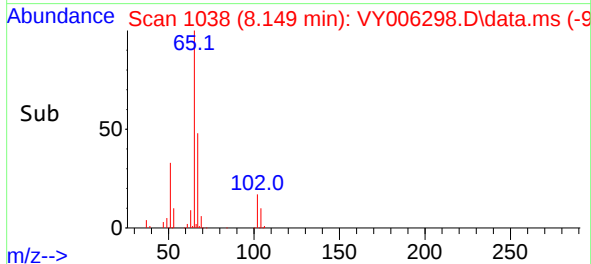
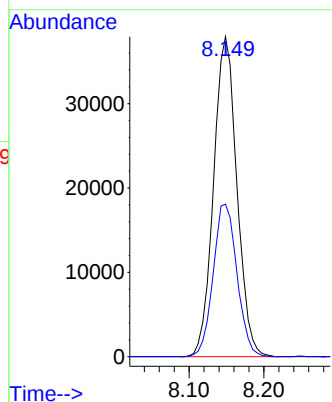
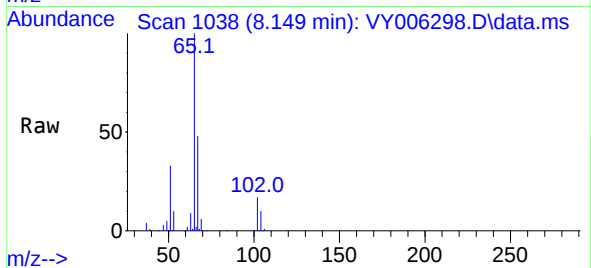




#33
1,2-Dichloroethane-d4
Concen: 69.546 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

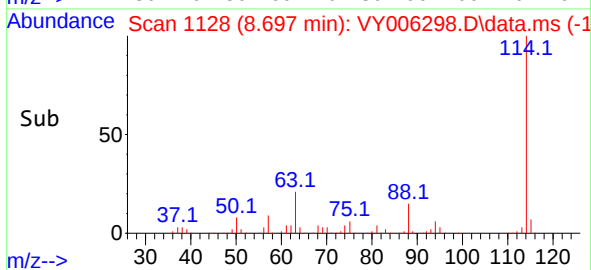
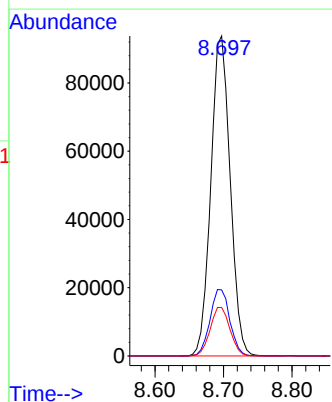
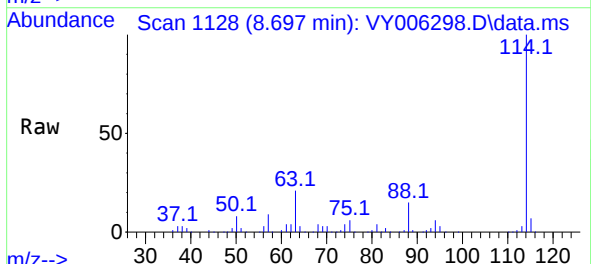
Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

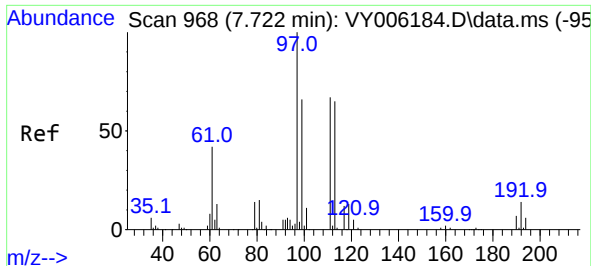
Tgt Ion: 65 Resp: 82279
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion: 114 Resp: 184167
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.1 0.0 31.8

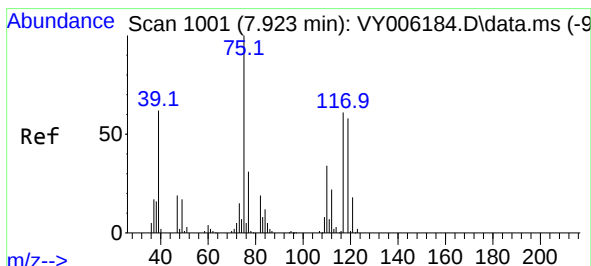
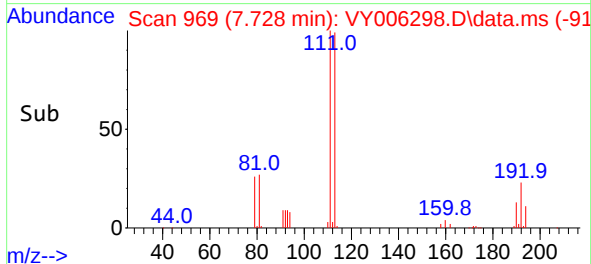
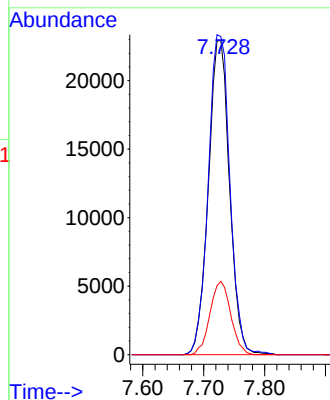
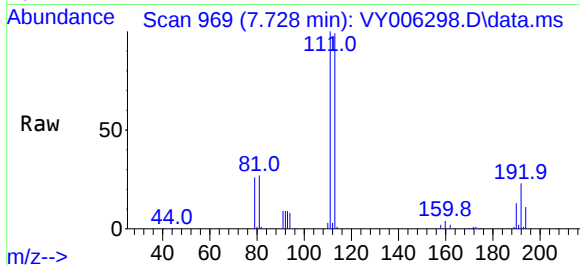




#35
Dibromofluoromethane
Concen: 56.273 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

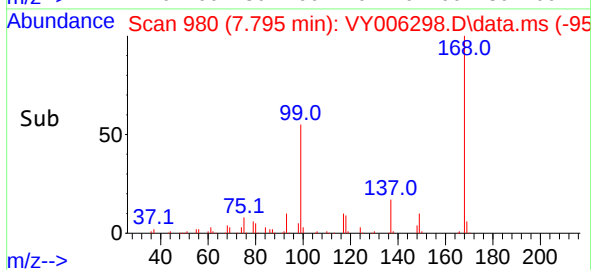
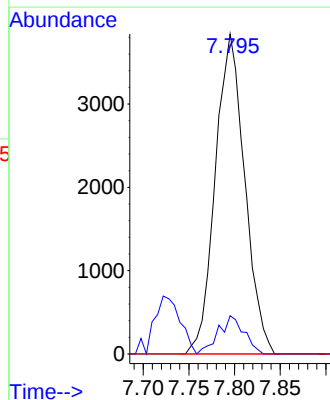
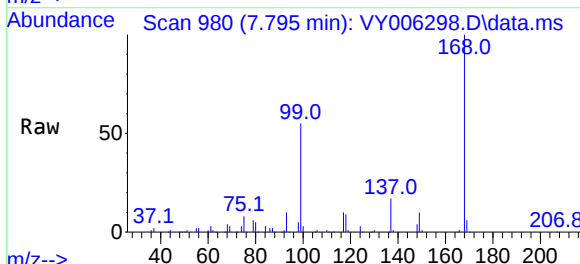
Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

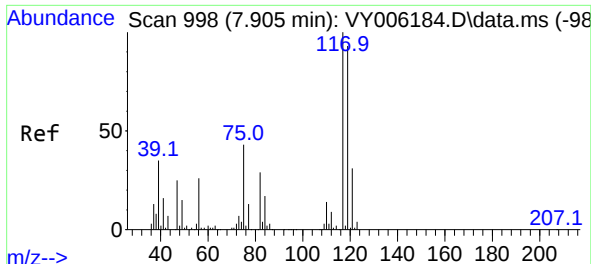
Tgt Ion:	113	Resp:	55369
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	22.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

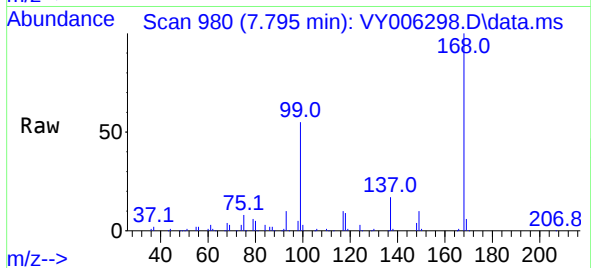
Tgt Ion:	75	Resp:	8596
Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.1	51.2#
77	0.0	24.4	36.6#



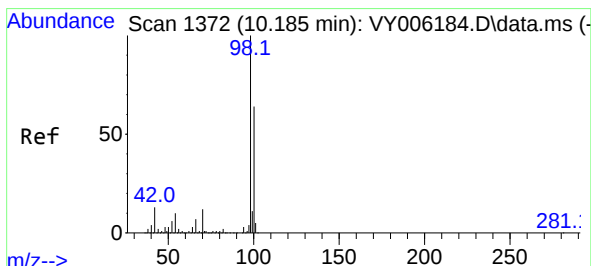
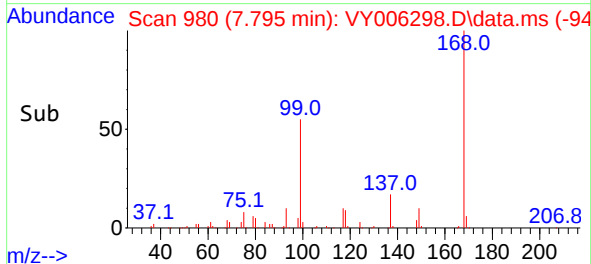
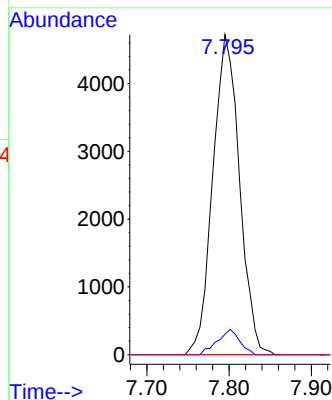


#38
Carbon Tetrachloride
Concen: 5.491 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

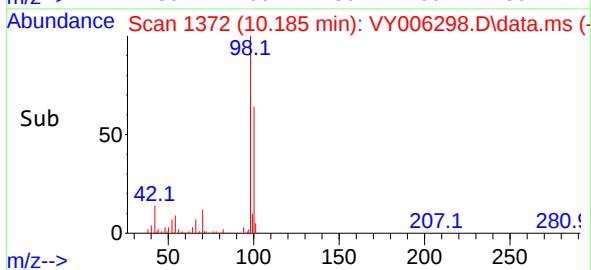
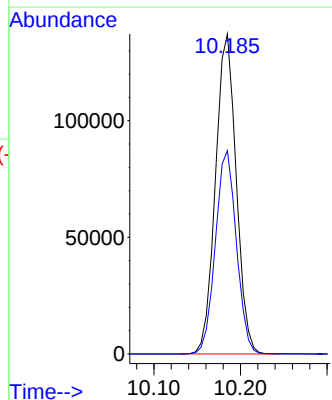
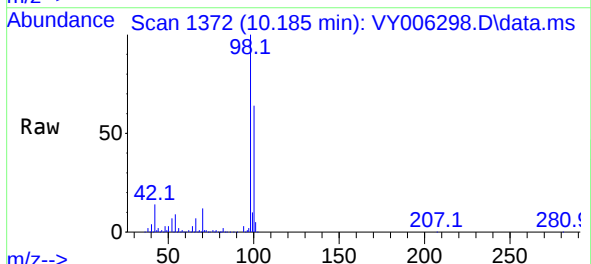


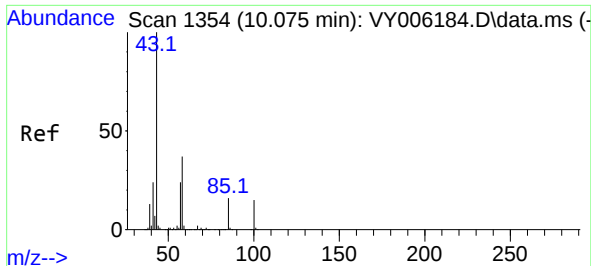
Tgt Ion:117 Resp: 10624
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.417 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion: 98 Resp: 228203
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

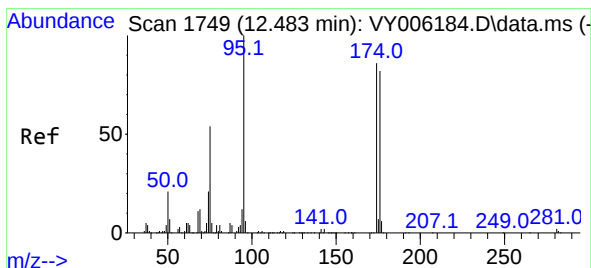
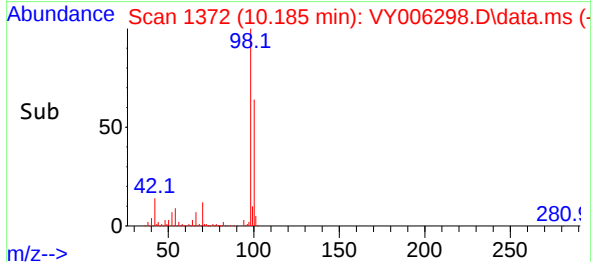
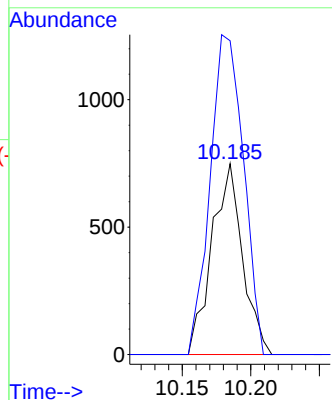
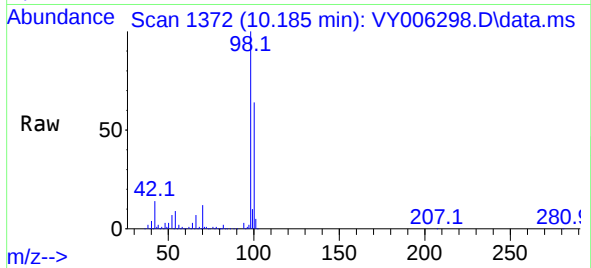




#51
4-Methyl-2-Pentanone
Concen: 1.096 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

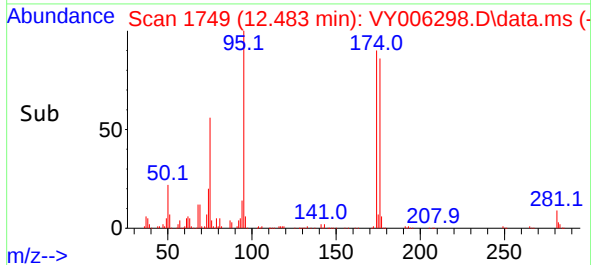
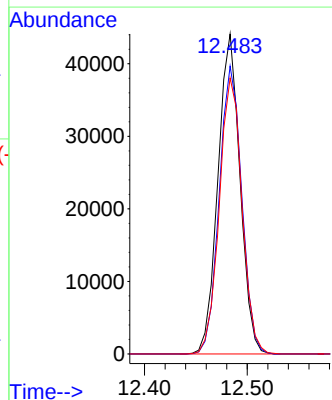
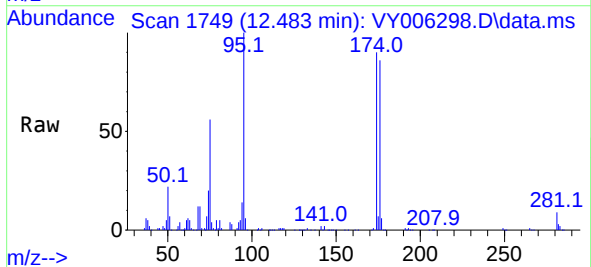
Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

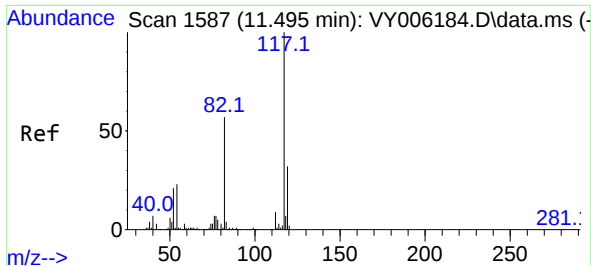
Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 182.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 46.922 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion: 95 Resp: 65640
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.7 0.0 175.8

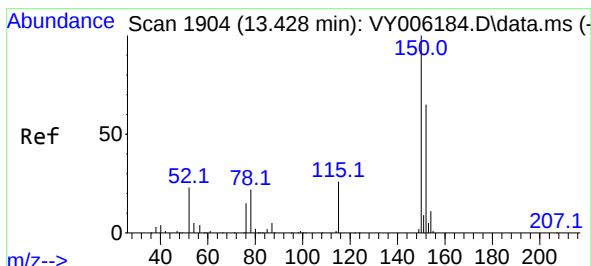
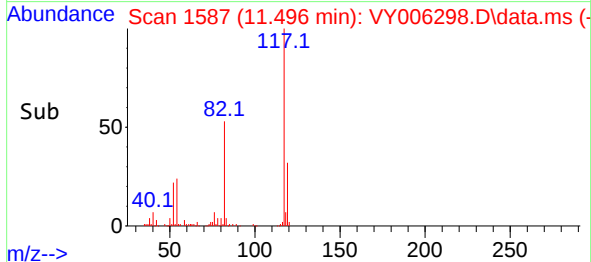
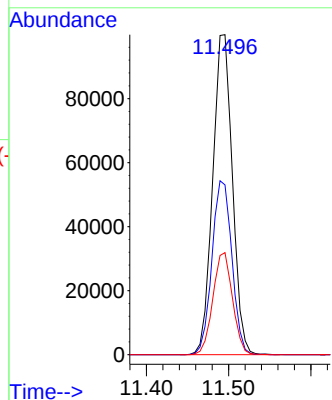
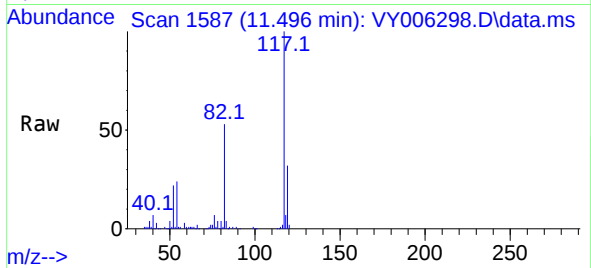




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

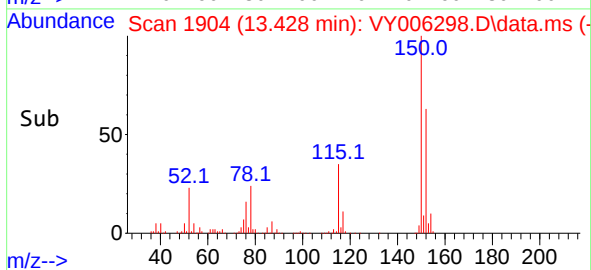
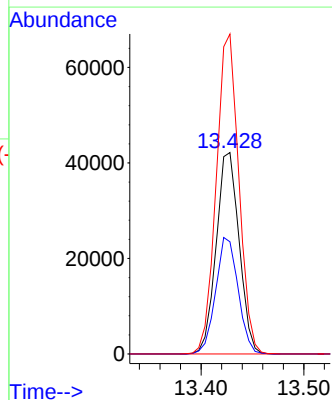
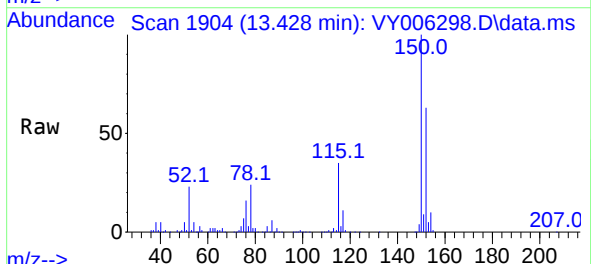
Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

Tgt Ion:	117	Resp:	166264
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	31.9	25.4	38.0

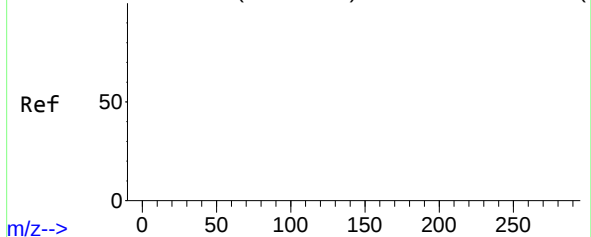


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

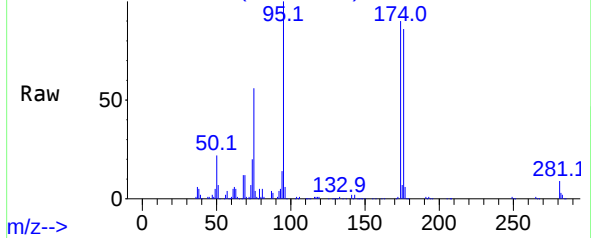
Tgt Ion:	152	Resp:	65380
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	156.2	0.0	347.6



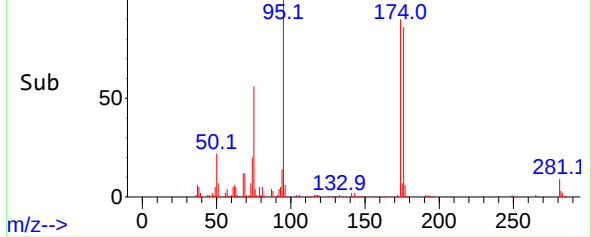
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



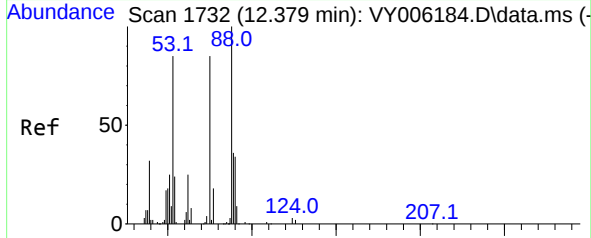
Ref



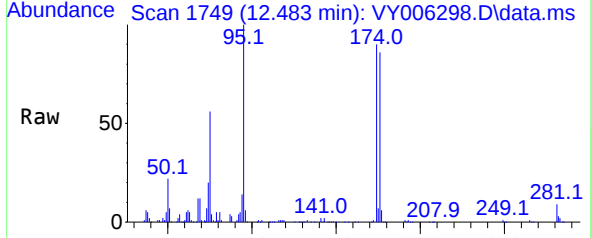
Raw



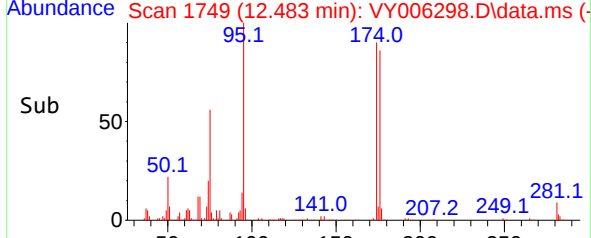
Sub



Ref



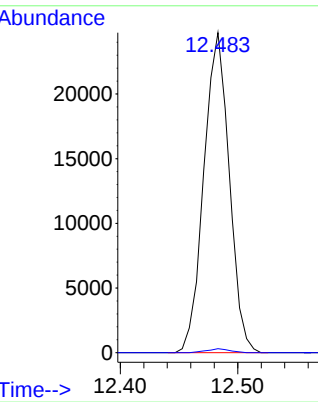
Raw



Sub

#76
1,2,3-Trichloropropane
Concen: 58.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion: 75 Resp: 37249
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion: 75 Resp: 37249
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

