

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006463.D
 Acq On : 25 Oct 2021 13:53
 Operator : SY/MD
 Sample : M4306-01RE
 Misc : 4.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:43:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	100352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76467	61.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.840%
35) Dibromofluoromethane	7.722	113	52688	55.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.185	98	219102	54.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.320%
62) 4-Bromofluorobenzene	12.483	95	68070	49.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.900%

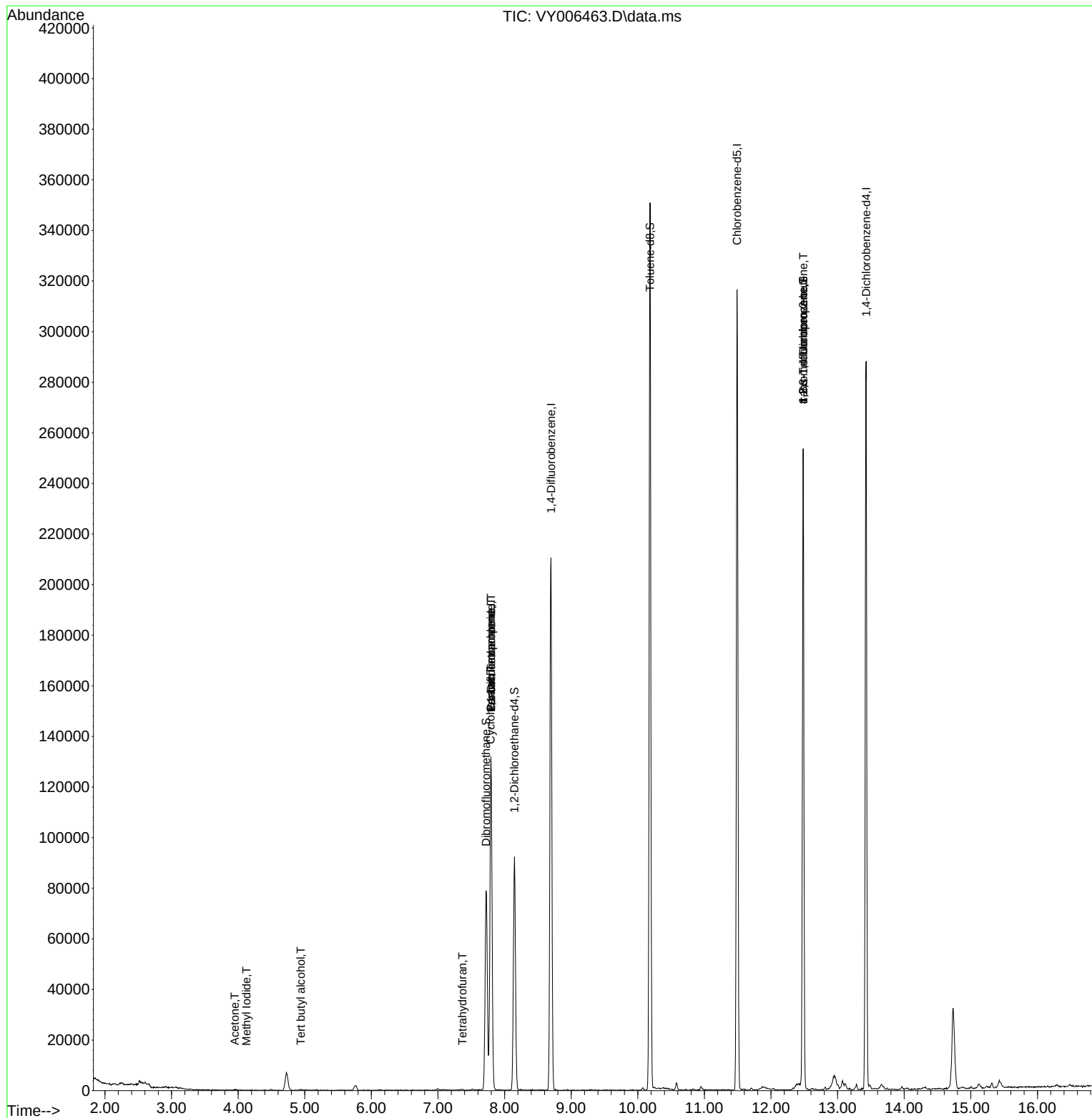
Target Compounds					Qvalue	
10) Methyl Iodide	4.125	142	27	5.084	ug/l #	36
11) Tert butyl alcohol	4.942	59	225	2.006	ug/l #	72
16) Acetone	3.948	43	623	1.752	ug/l #	86
29) Tetrahydrofuran	7.368	42	391	1.368	ug/l #	55
31) Cyclohexane	7.789	56	2522	1.262	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	7850	4.640	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9757	5.228	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	39533	54.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39533	111.995	ug/l #	7

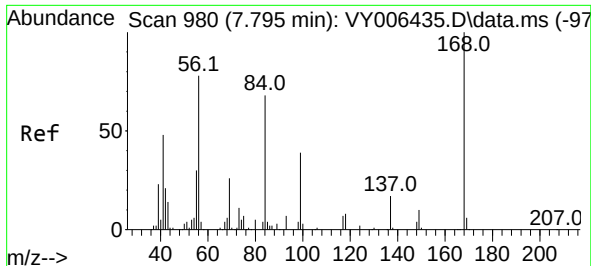
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

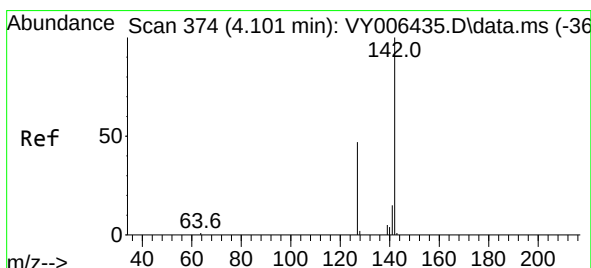
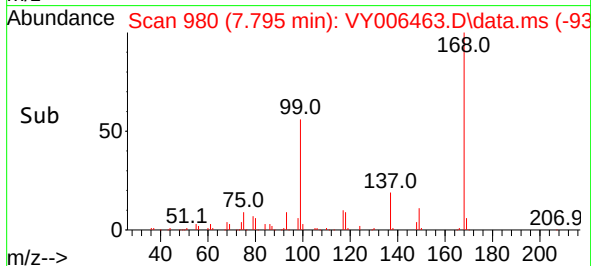
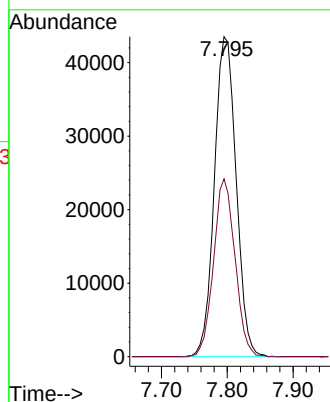
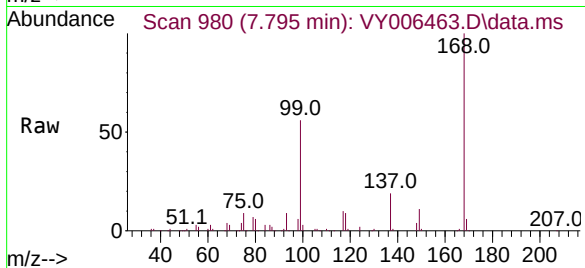




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

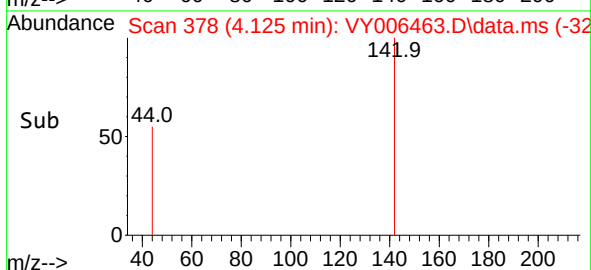
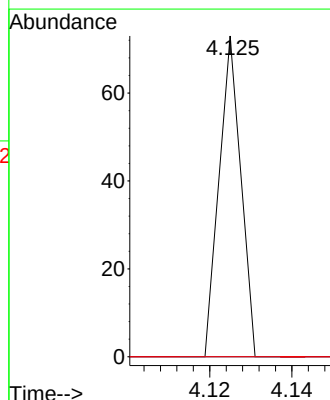
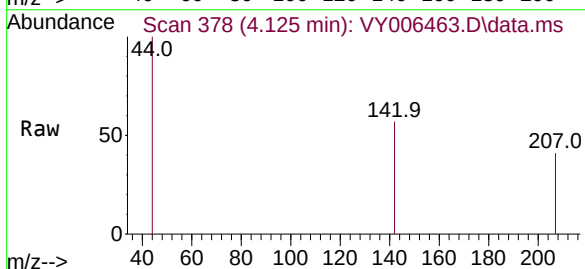
Instrument :
MSVOA_Y
ClientSampleId :

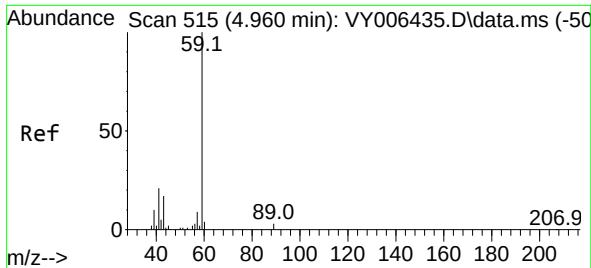
Tgt Ion:168 Resp: 100352
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.084 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.024 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

Tgt Ion:142 Resp: 27
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

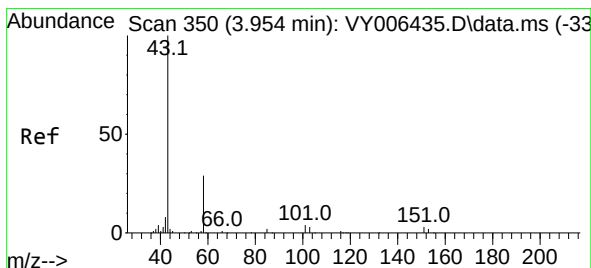
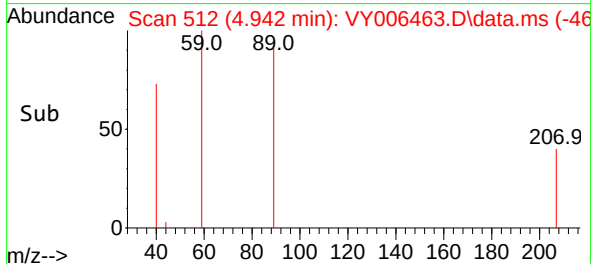
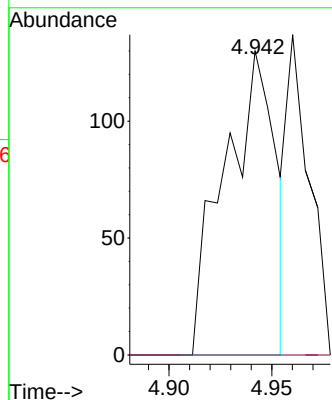
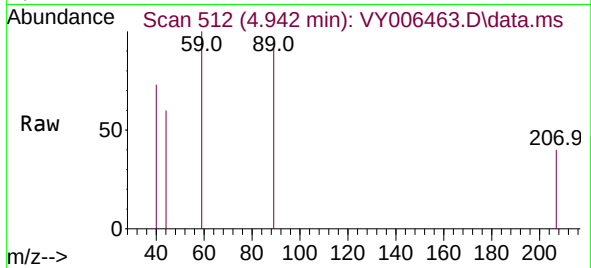




#11
Tert butyl alcohol
Concen: 2.006 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

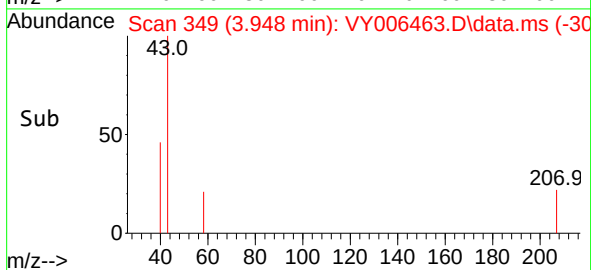
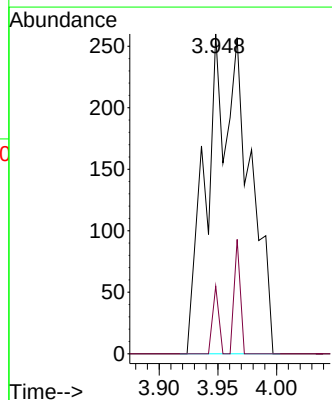
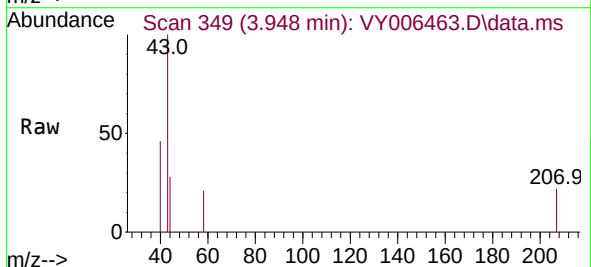
Instrument :
MSVOA_Y
ClientSampled :

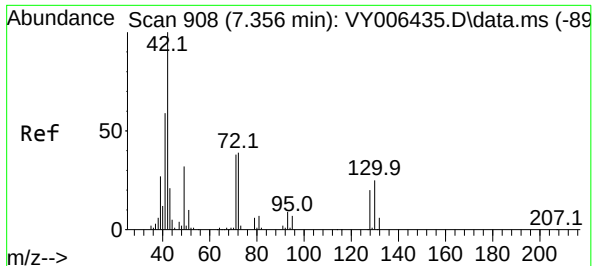
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 1.752 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 21.2 22.9 34.3#





#29

Tetrahydrofuran

Concen: 1.368 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY006463.D

Acq: 25 Oct 2021 13:53

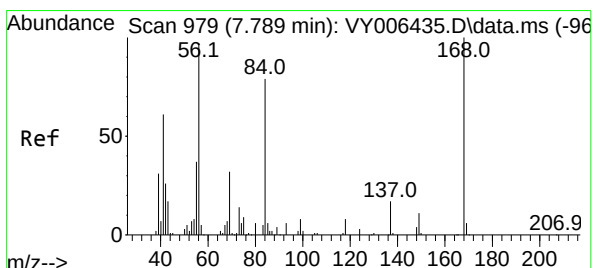
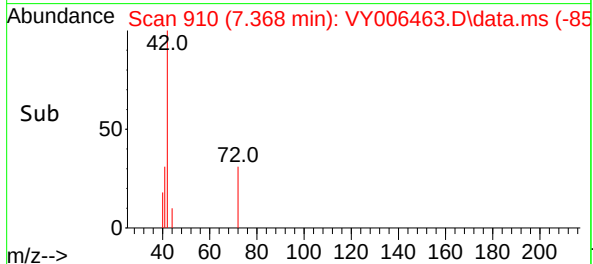
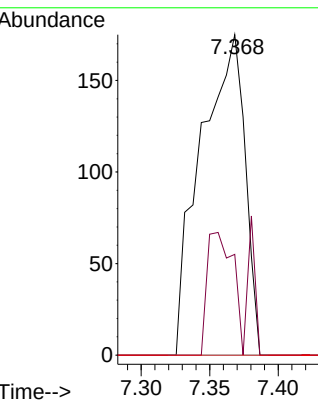
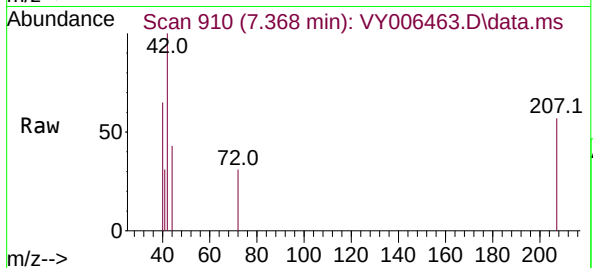
Tgt Ion: 42 Resp: 391

Ion Ratio Lower Upper

42 100

72 22.5 32.0 48.0#

71 0.0 30.3 45.5#



#31

Cyclohexane

Concen: 1.262 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY006463.D

Acq: 25 Oct 2021 13:53

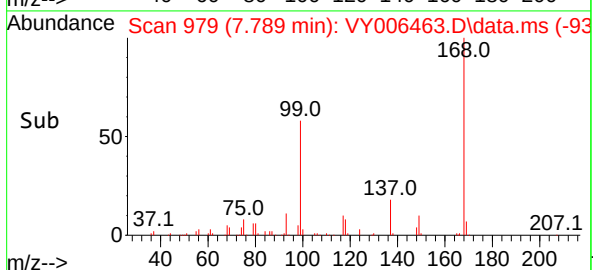
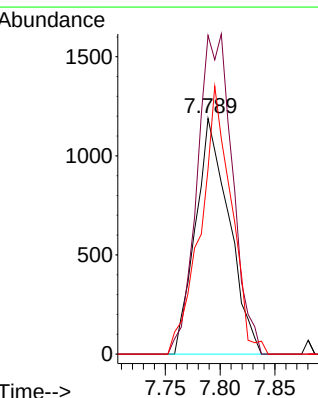
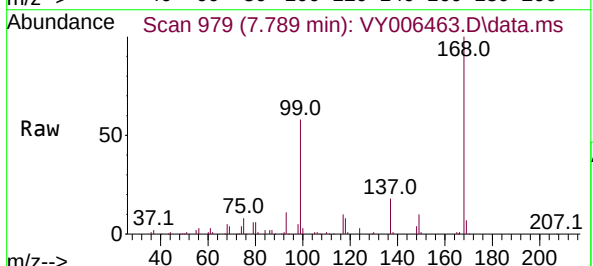
Tgt Ion: 56 Resp: 2522

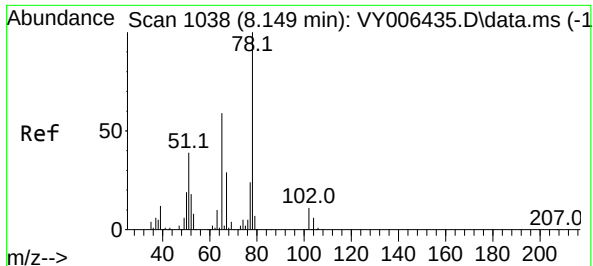
Ion Ratio Lower Upper

56 100

69 135.2 26.6 40.0#

84 78.6 65.0 97.4

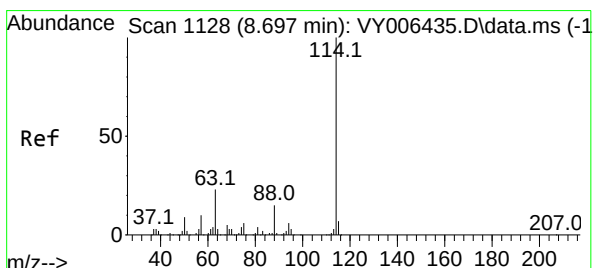
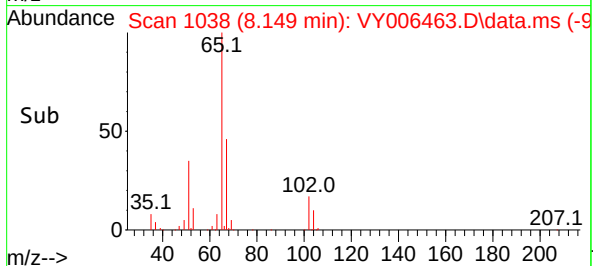
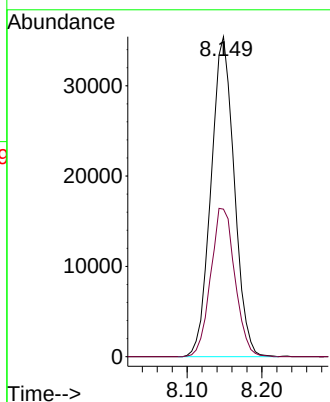
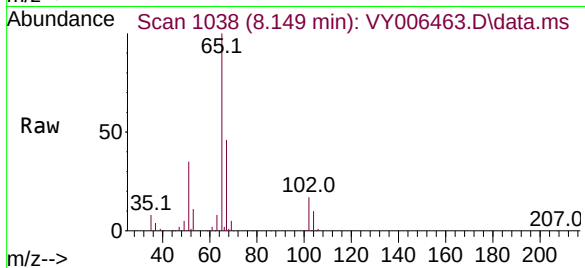




#33
1,2-Dichloroethane-d4
Concen: 61.922 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

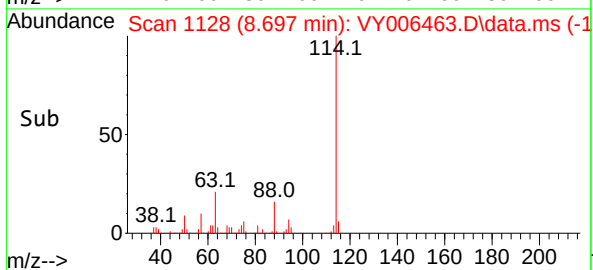
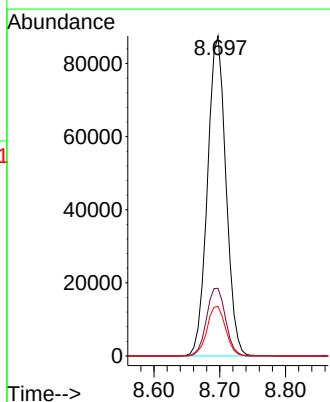
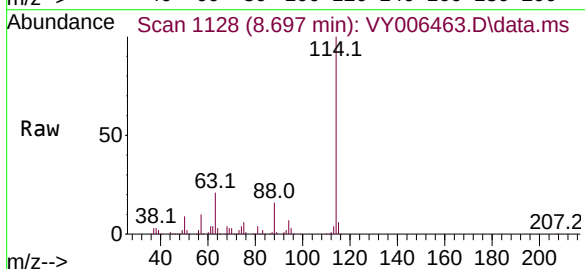
Instrument :
MSVOA_Y
ClientSampleId :

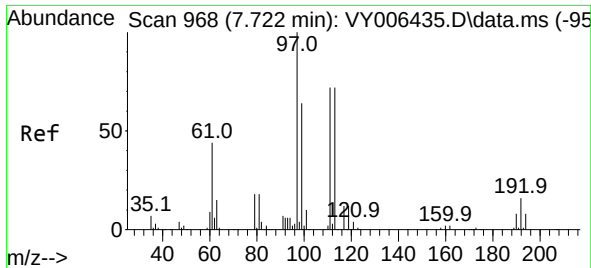
Tgt Ion: 65 Resp: 76467
Ion Ratio Lower Upper
65 100
67 48.4 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

Tgt Ion: 114 Resp: 171222
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.5 0.0 30.6

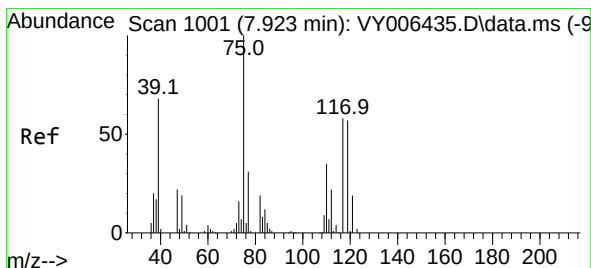
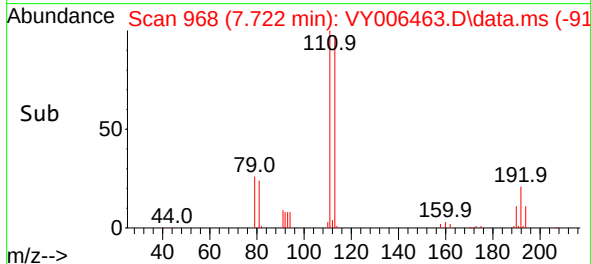
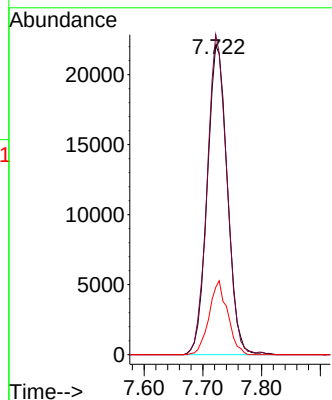
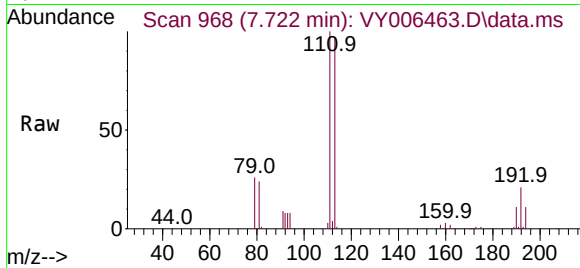




#35
Dibromofluoromethane
Concen: 55.209 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

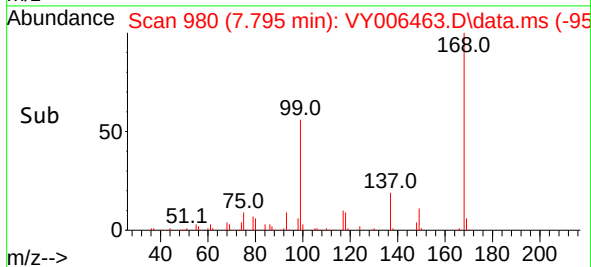
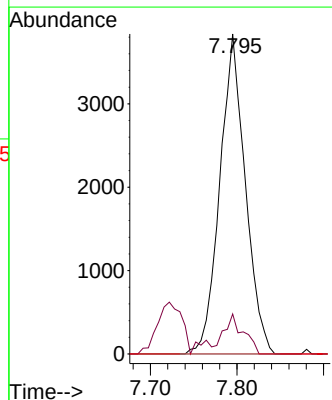
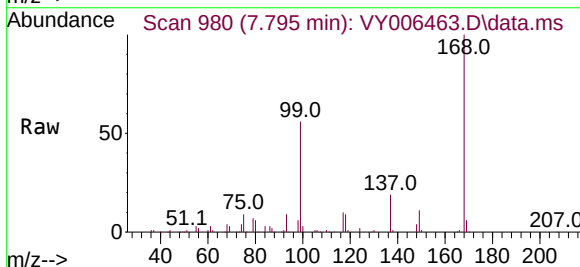
Instrument :
MSVOA_Y
ClientSampleId :

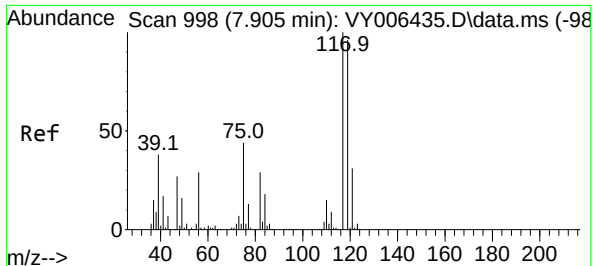
Tgt Ion:113 Resp: 52688
Ion Ratio Lower Upper
113 100
111 100.8 82.3 123.5
192 22.0 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

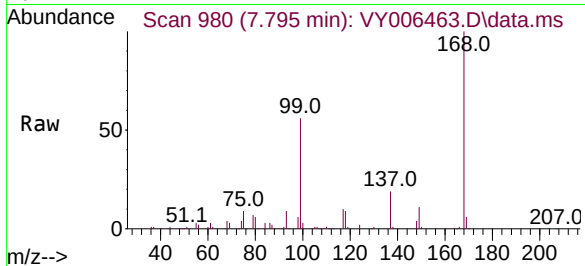
Tgt Ion: 75 Resp: 7850
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.3#
77 0.0 24.9 37.3#



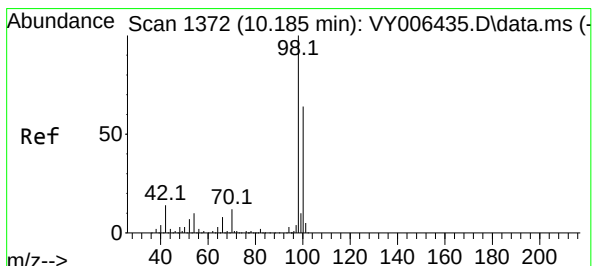
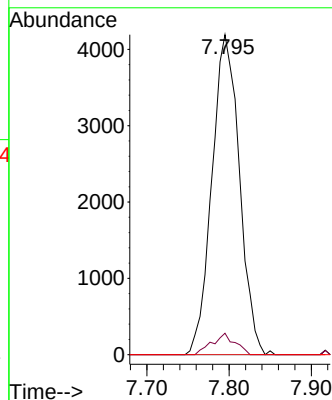
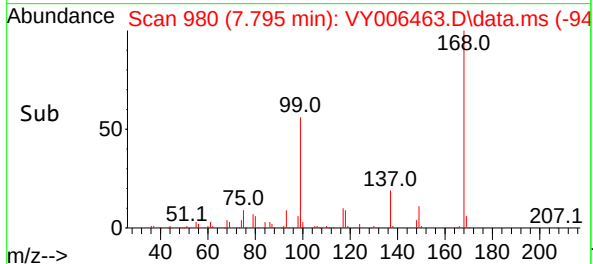


#38
Carbon Tetrachloride
Concen: 5.228 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

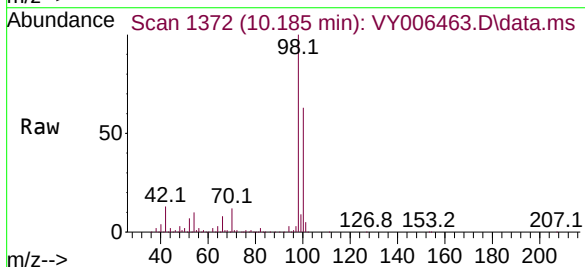
Instrument :
MSVOA_Y
ClientSampleId :



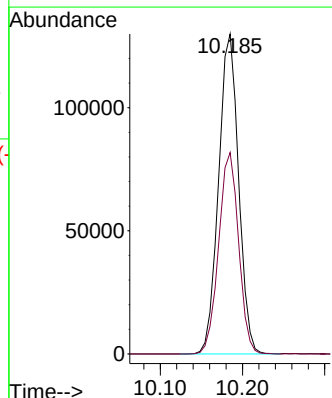
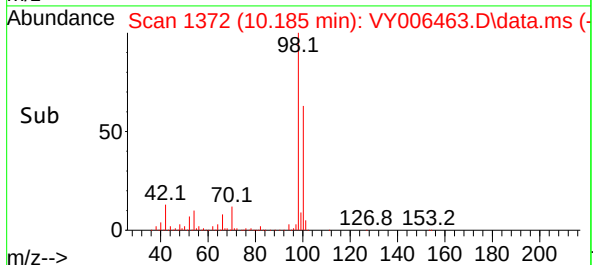
Tgt Ion:117 Resp: 9757
Ion Ratio Lower Upper
117 100
119 6.7 76.6 115.0#
121 0.0 24.7 37.1#

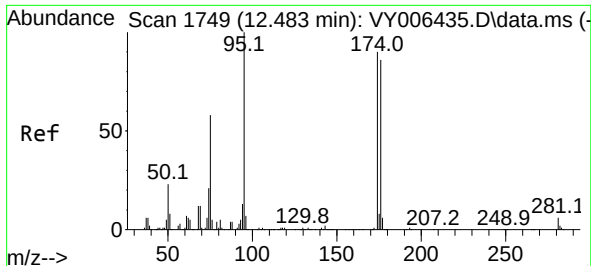


#50
Toluene-d8
Concen: 54.158 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53



Tgt Ion: 98 Resp: 219102
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

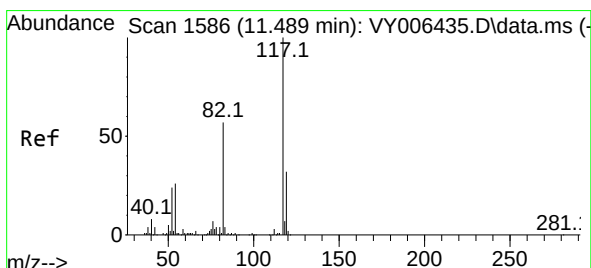
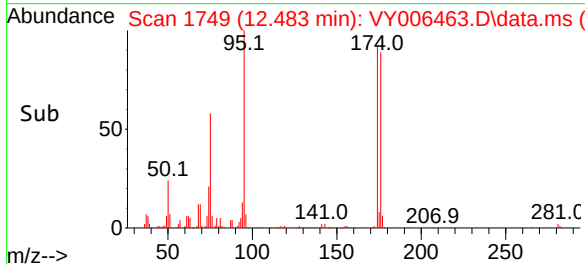
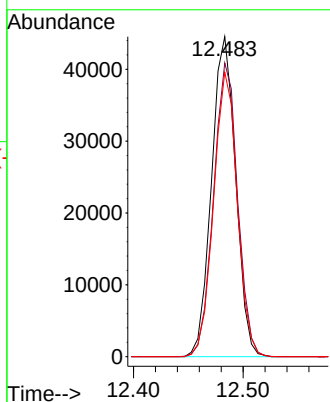
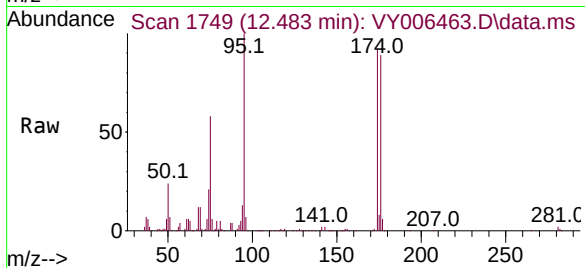




#62
4-Bromofluorobenzene
Concen: 49.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

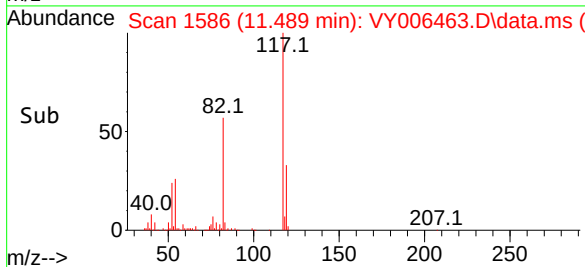
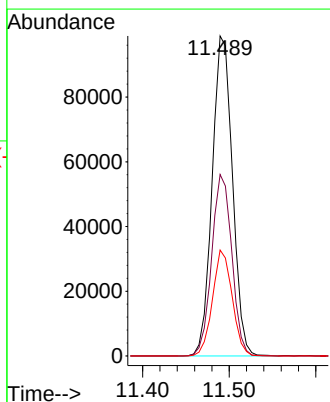
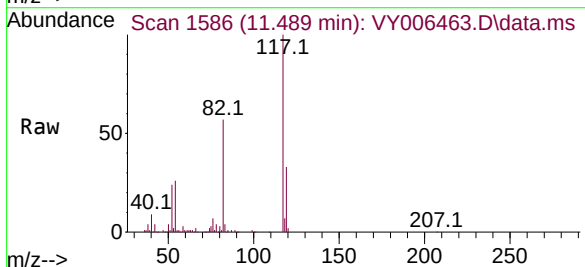
Instrument :
MSVOA_Y
ClientSampleId :

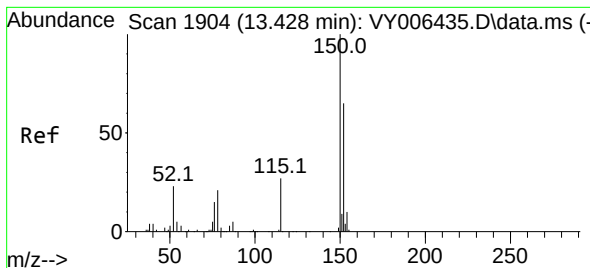
Tgt Ion: 95 Resp: 68070
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 87.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

Tgt Ion: 117 Resp: 160827
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 33.1 25.5 38.3

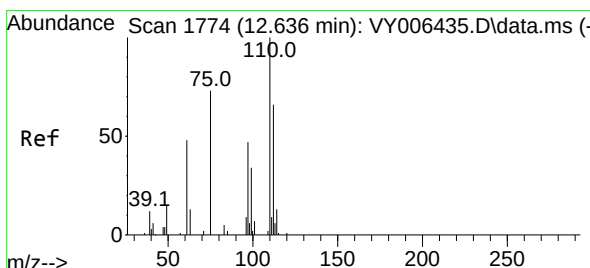
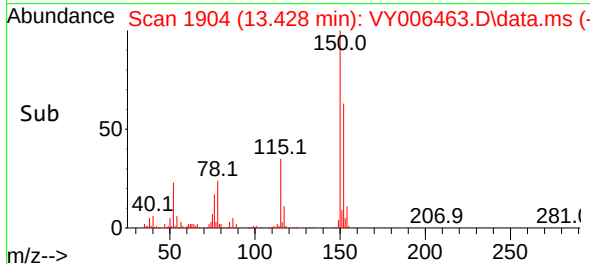
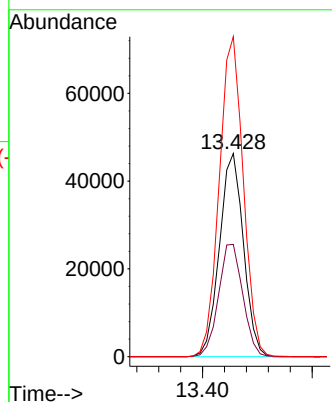
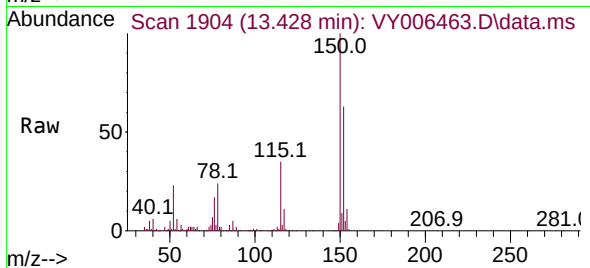




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006463.D
 Acq: 25 Oct 2021 13:53

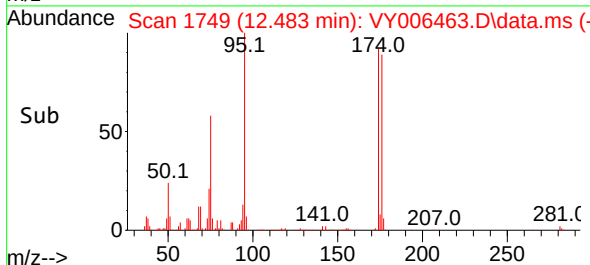
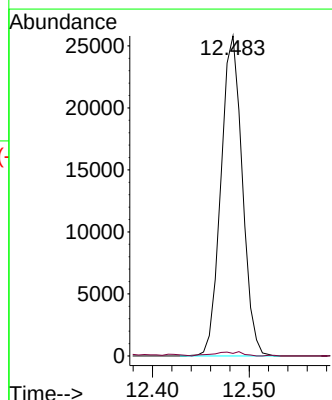
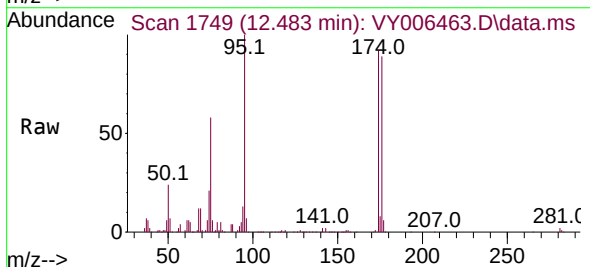
Instrument :
 MSVOA_Y
 ClientSampled :

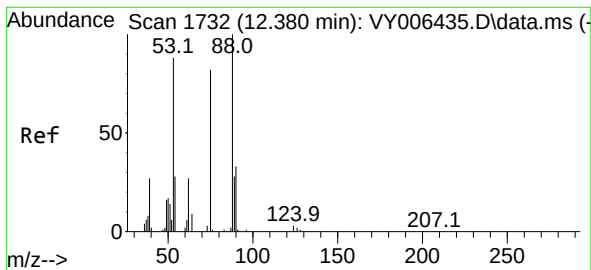
Tgt Ion:152 Resp: 70324
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.5 85.5
 150 157.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.553 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006463.D
 Acq: 25 Oct 2021 13:53

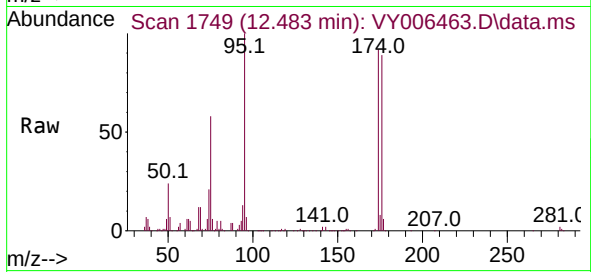
Tgt Ion: 75 Resp: 39533
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.995 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006463.D
 Acq: 25 Oct 2021 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.1	39.3	58.9#

