

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006531.D
 Acq On : 29 Oct 2021 11:46
 Operator : SY/MD
 Sample : M4375-06
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 02:57:36 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)

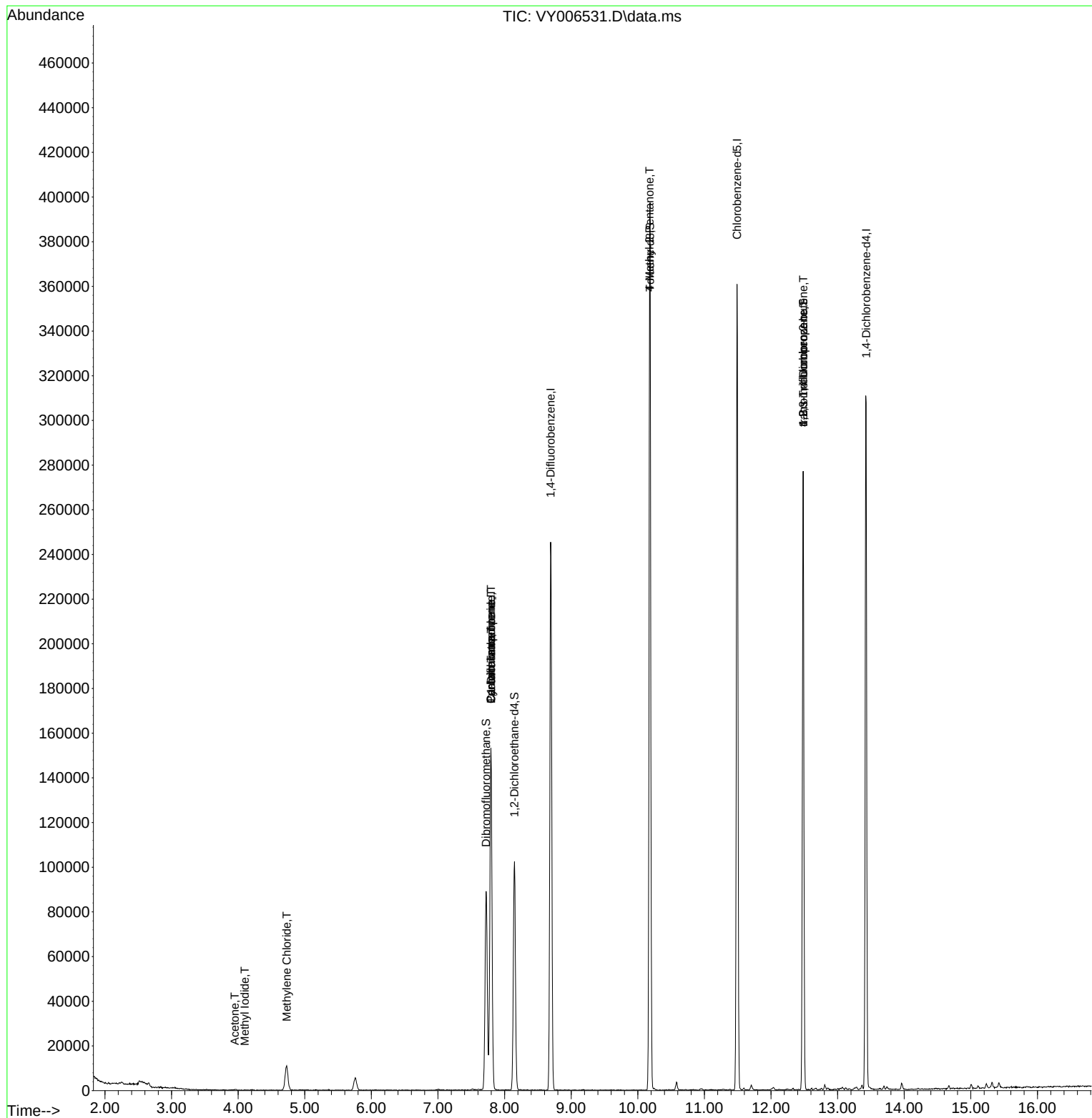
Internal Standards						
1) Pentafluorobenzene	7.795	168	114534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82218	58.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.660%	
35) Dibromofluoromethane	7.722	113	58837	54.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.140%	
50) Toluene-d8	10.185	98	250192	54.240	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.483	95	75898	48.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.700%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	210	5.227	ug/l #	36
16) Acetone	3.948	43	518	1.276	ug/l #	88
20) Methylene Chloride	4.728	84	7487	2.082	ug/l	96
31) Cyclohexane	7.795	56	2919	1.279	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	9724	5.041	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11696	5.496	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1389	1.119	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43753	56.248	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43753	115.476	ug/l #	7

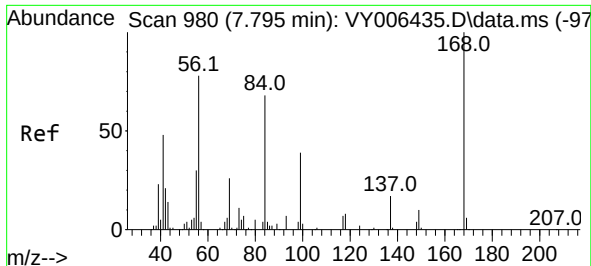
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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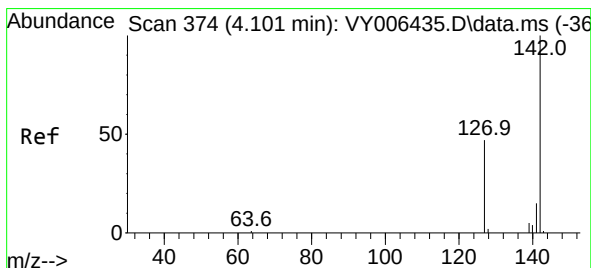
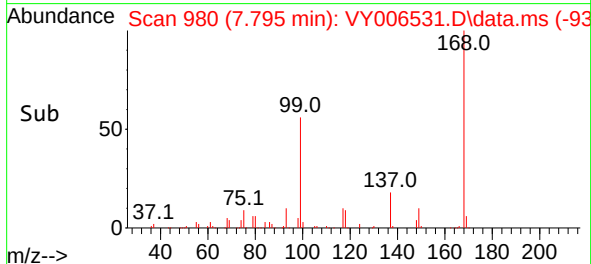
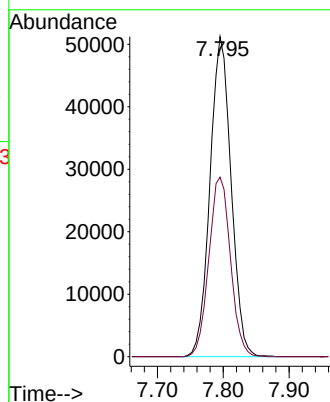
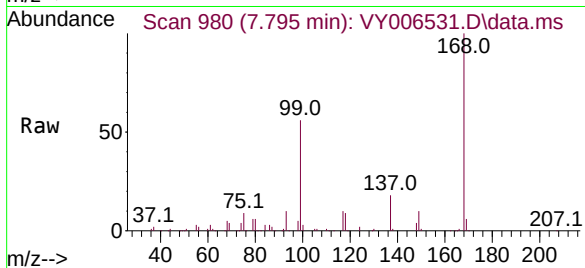




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

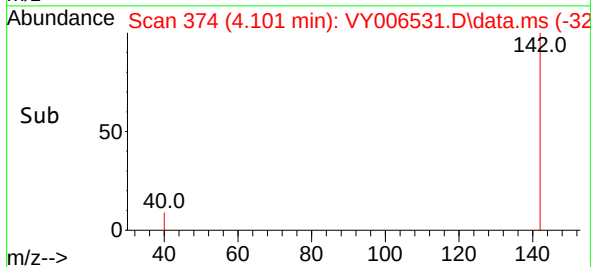
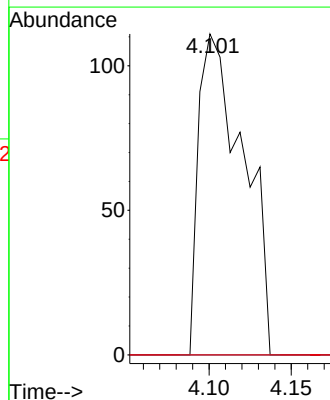
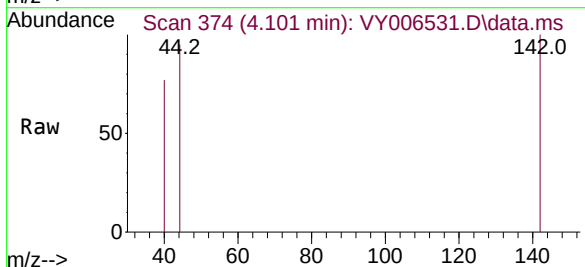
Instrument :
MSVOA_Y
ClientSampleId :

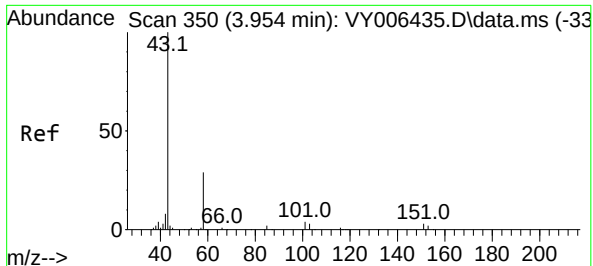
Tgt Ion:168 Resp: 114534
Ion Ratio Lower Upper
168 100
99 56.1 44.8 67.2



#10
Methyl Iodide
Concen: 5.227 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

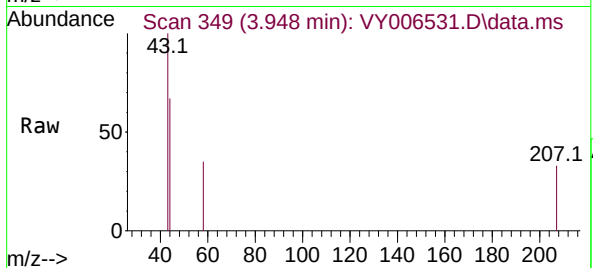
Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



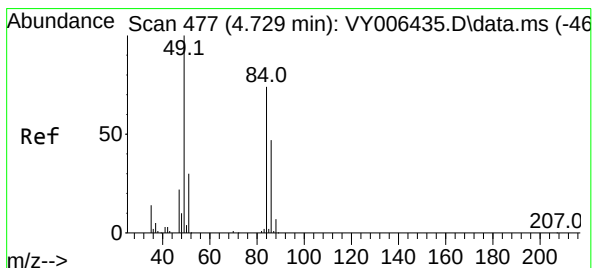
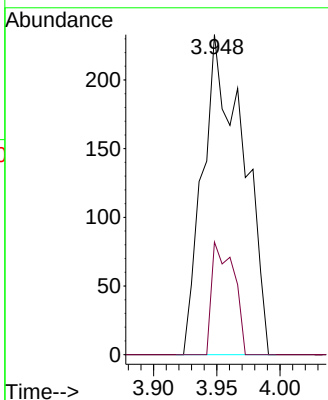
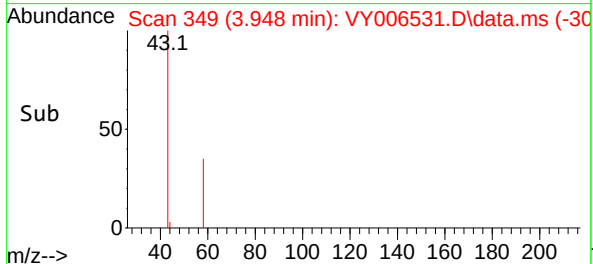


#16
Acetone
Concen: 1.276 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

Instrument :
MSVOA_Y
ClientSampleId :

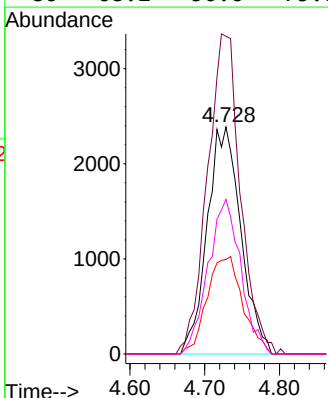
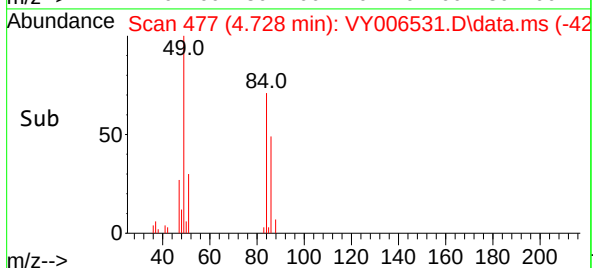
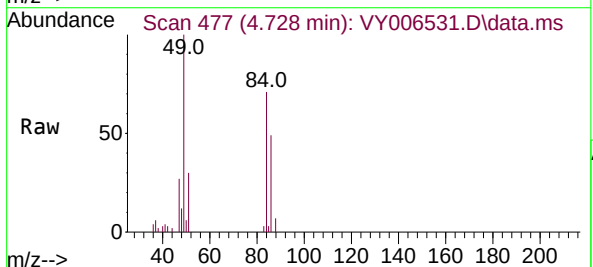


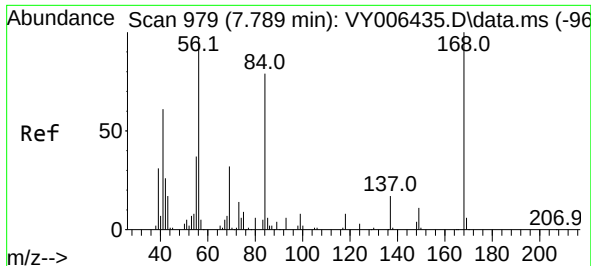
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 35.2 22.9 34.3#



#20
Methylene Chloride
Concen: 2.082 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

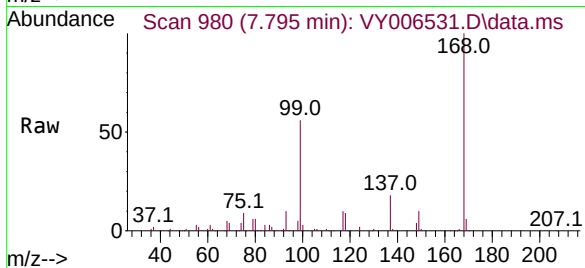
Tgt Ion: 84 Resp: 7487
Ion Ratio Lower Upper
84 100
49 140.1 107.8 161.8
51 41.6 32.8 49.2
86 68.2 50.6 75.8



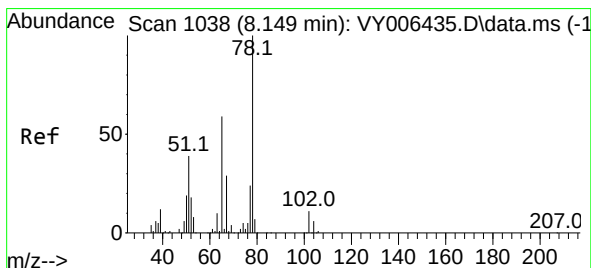
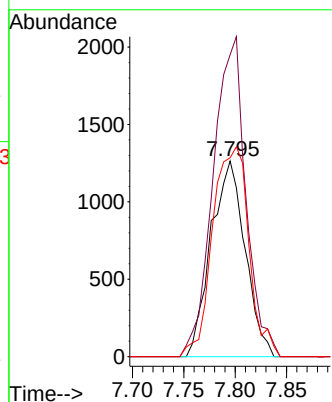
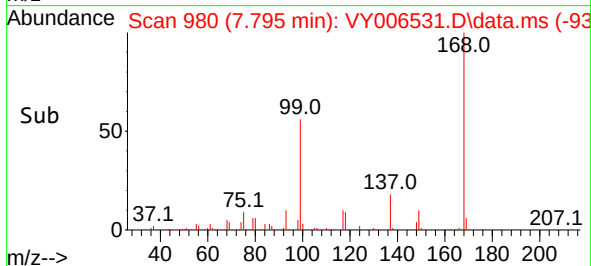


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

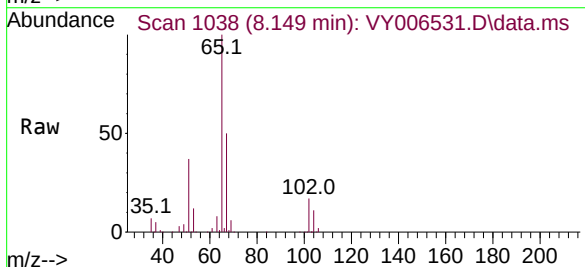
Instrument :
MSVOA_Y
ClientSampleId :



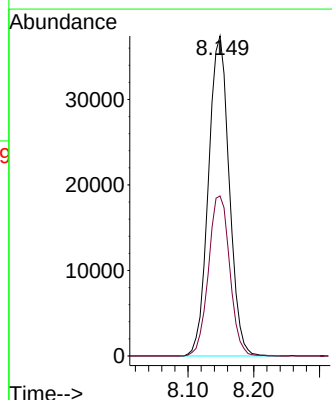
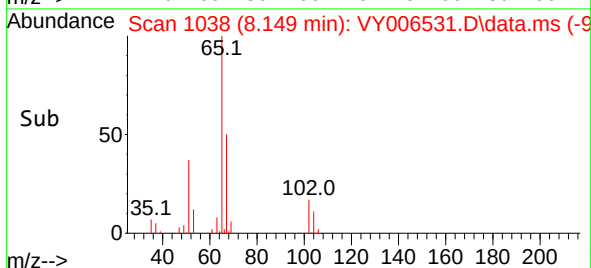
Tgt Ion: 56 Resp: 2919
Ion Ratio Lower Upper
56 100
69 154.3 26.6 40.0#
84 101.7 65.0 97.4#

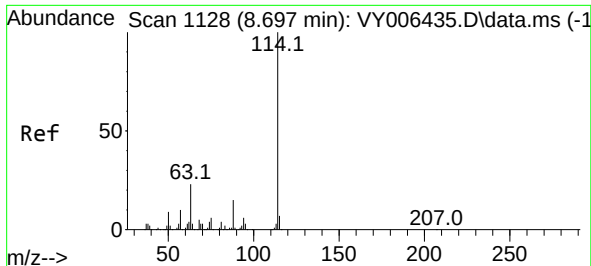


#33
1,2-Dichloroethane-d4
Concen: 58.335 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46



Tgt Ion: 65 Resp: 82218
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006531.D

Acq: 29 Oct 2021 11:46

Instrument :

MSVOA_Y

ClientSampleId :

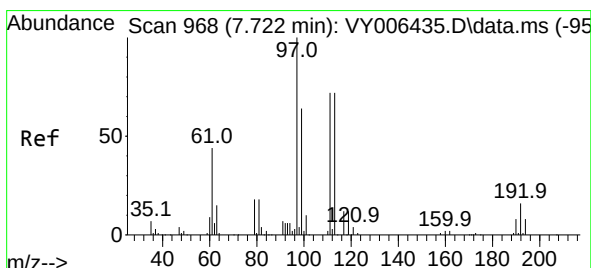
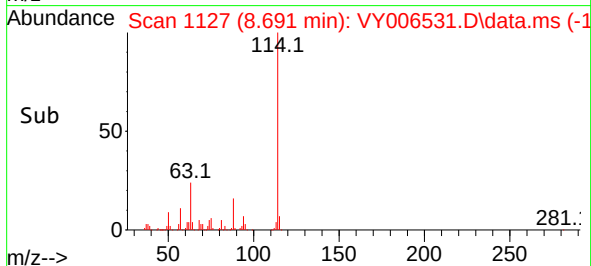
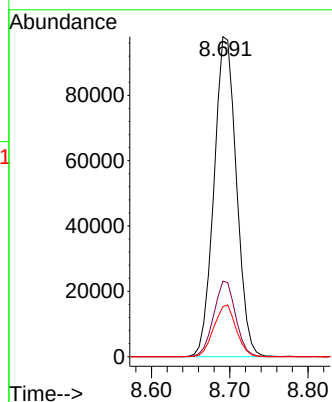
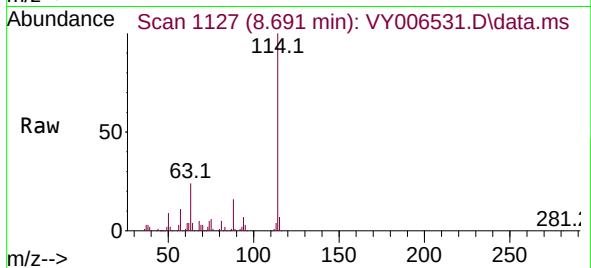
Tgt Ion:114 Resp: 195221

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.073 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006531.D

Acq: 29 Oct 2021 11:46

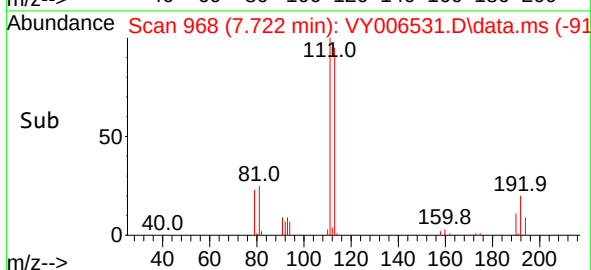
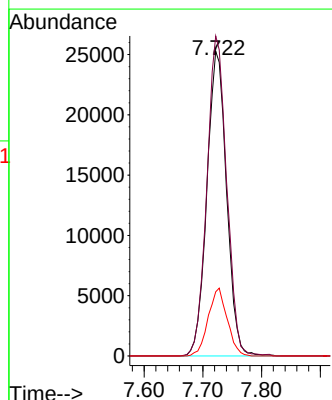
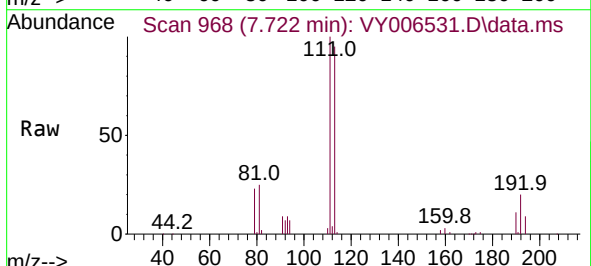
Tgt Ion:113 Resp: 58837

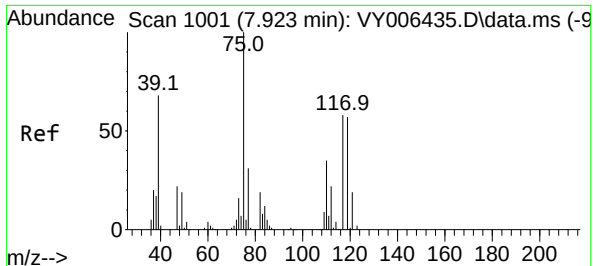
Ion Ratio Lower Upper

113 100

111 105.6 82.3 123.5

192 21.5 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.041 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY006531.D

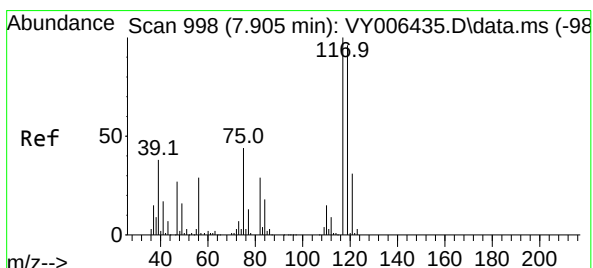
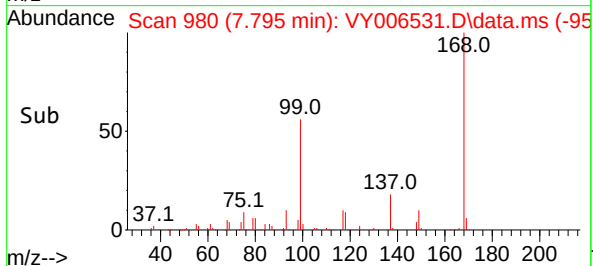
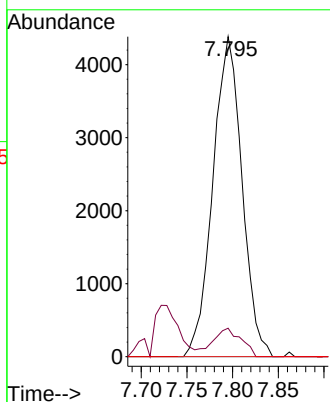
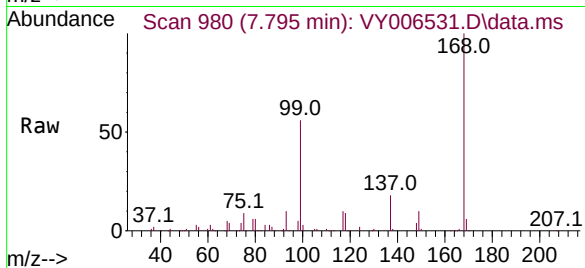
Acq: 29 Oct 2021 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	9724
Ion Ratio	Lower	Upper
75	100	
110	8.3	17.1 51.3#
77	0.0	24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.496 ug/l

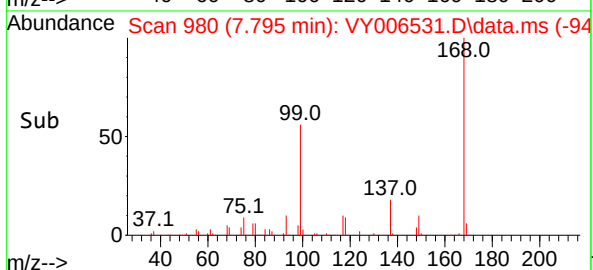
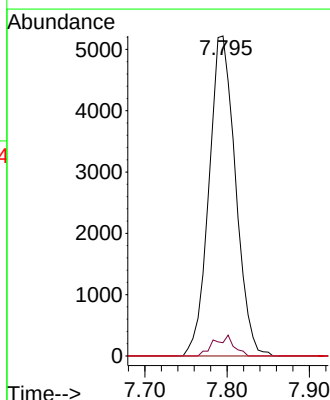
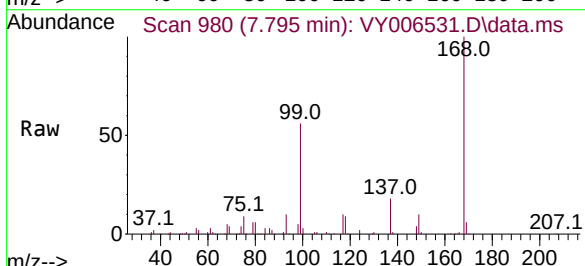
RT: 7.795 min Scan# 980

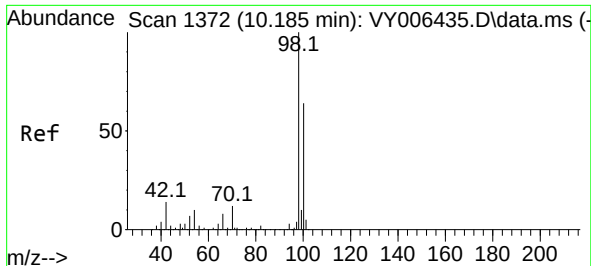
Delta R.T. -0.110 min

Lab File: VY006531.D

Acq: 29 Oct 2021 11:46

Tgt Ion: 117	Resp:	11696
Ion Ratio	Lower	Upper
117	100	
119	4.1	76.6 115.0#
121	0.0	24.7 37.1#

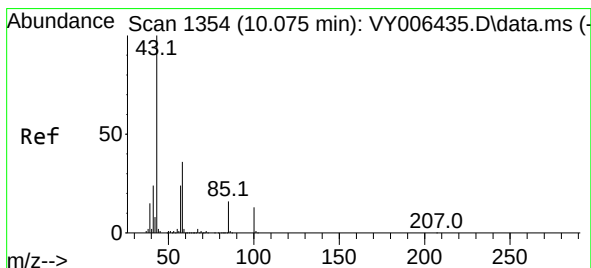
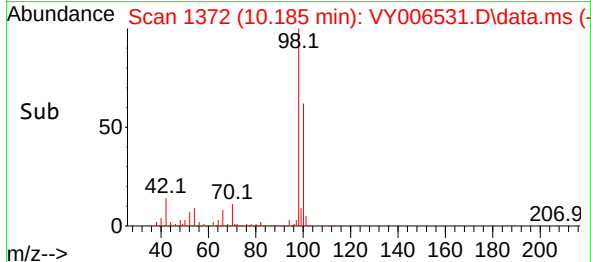
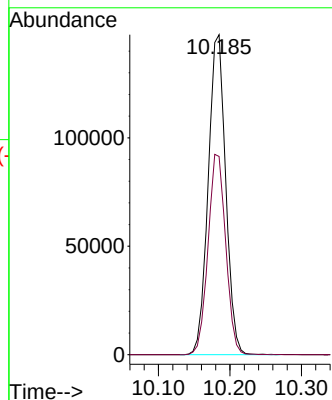
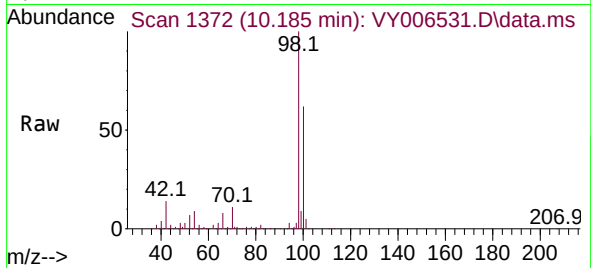




#50
Toluene-d8
Concen: 54.240 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

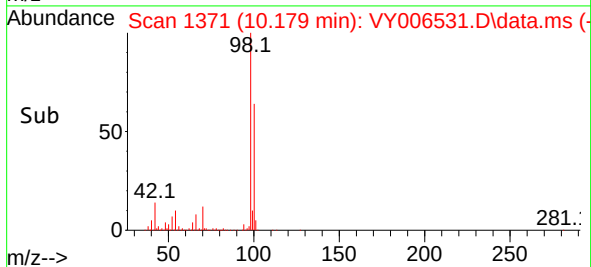
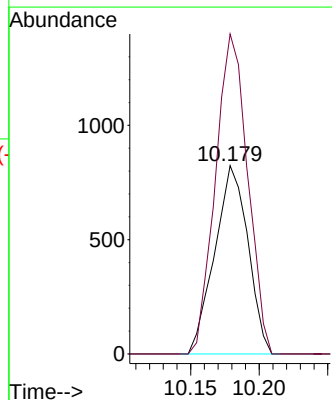
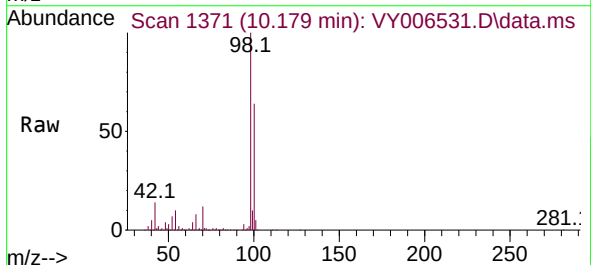
Instrument :
MSVOA_Y
ClientSampleId :

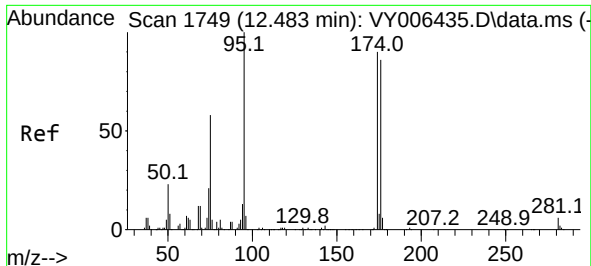
Tgt Ion: 98 Resp: 250192
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.119 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 164.5 28.7 43.1#

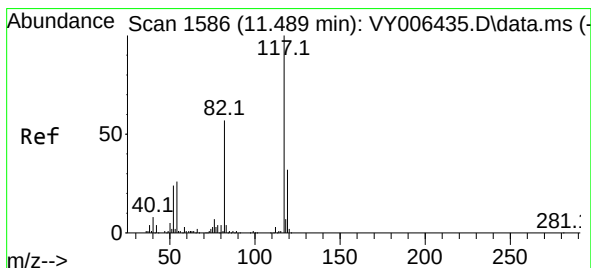
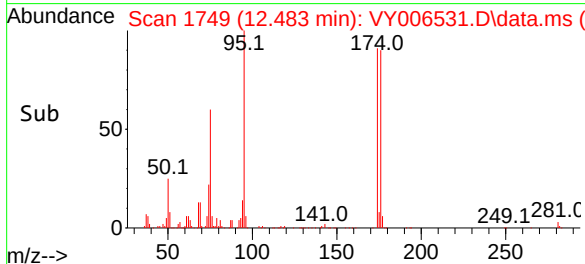
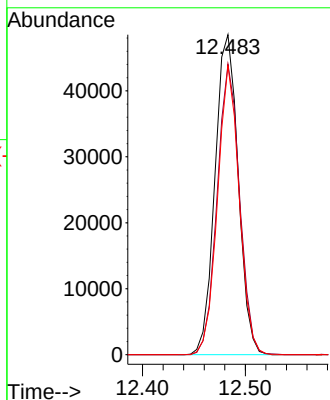
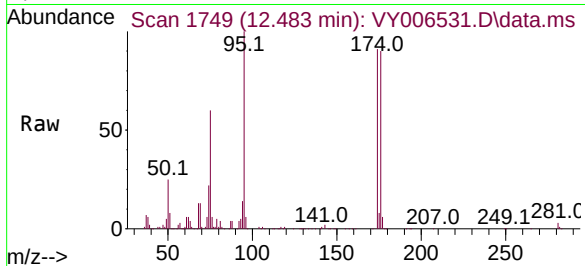




#62
4-Bromofluorobenzene
Concen: 48.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

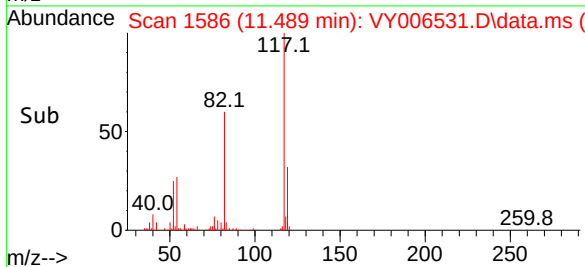
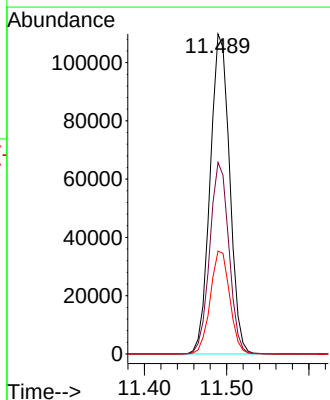
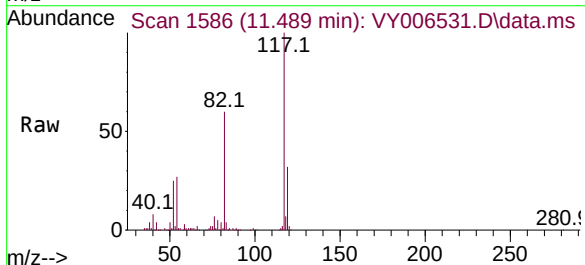
Instrument :
MSVOA_Y
ClientSampleId :

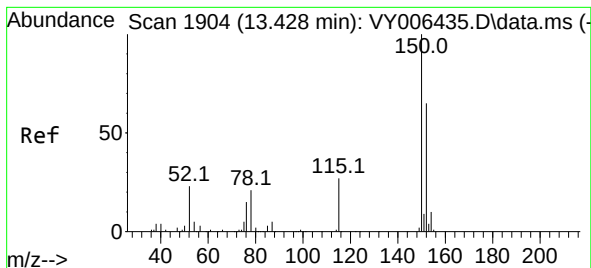
Tgt Ion: 95 Resp: 75898
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006531.D
Acq: 29 Oct 2021 11:46

Tgt Ion: 117 Resp: 180538
Ion Ratio Lower Upper
117 100
82 59.9 45.7 68.5
119 32.2 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: VY006531.D

Acq: 29 Oct 2021 11:46

Instrument :

MSVOA_Y

ClientSampleId :

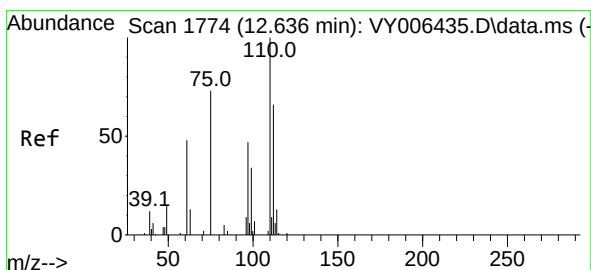
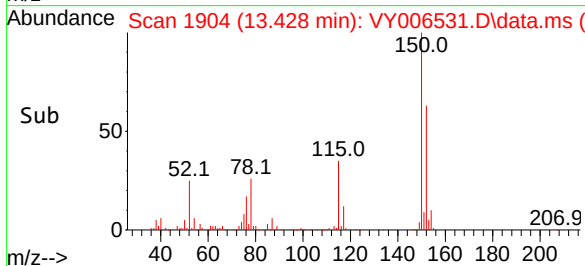
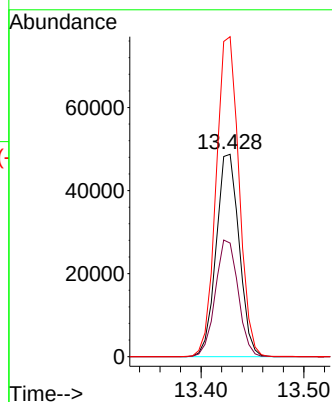
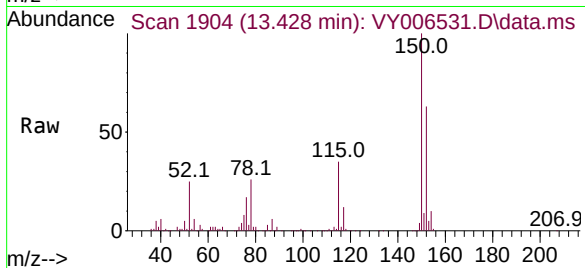
Tgt Ion:152 Resp: 75485

Ion Ratio Lower Upper

152 100

115 57.3 28.5 85.5

150 157.1 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 56.248 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006531.D

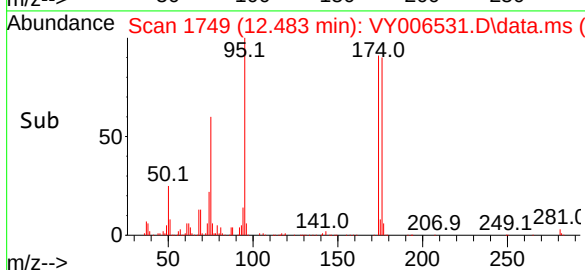
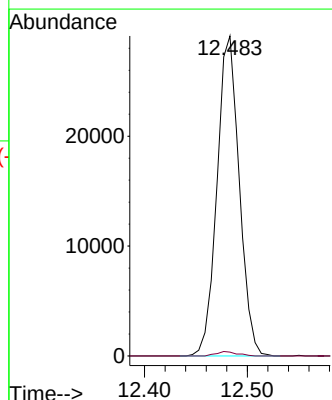
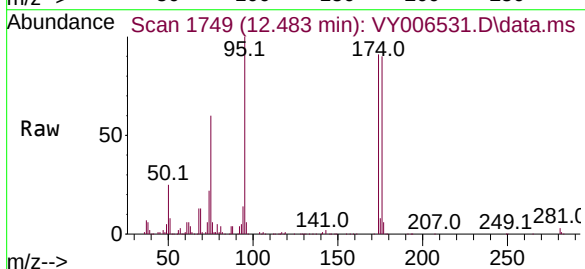
Acq: 29 Oct 2021 11:46

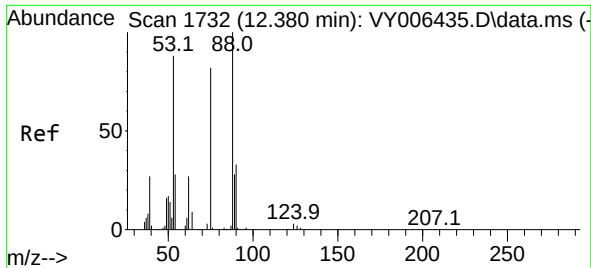
Tgt Ion: 75 Resp: 43753

Ion Ratio Lower Upper

75 100

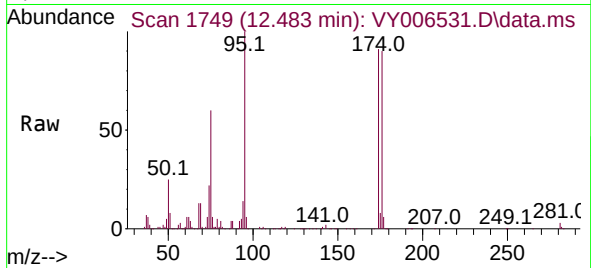
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.476 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006531.D
 Acq: 29 Oct 2021 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :



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

