

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007305.D
 Acq On : 26 Jan 2022 14:35
 Operator : SY/MD
 Sample : N1266-08
 Misc : 6.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-11-(2.10-3.6)

Quant Time: Jan 27 00:34:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

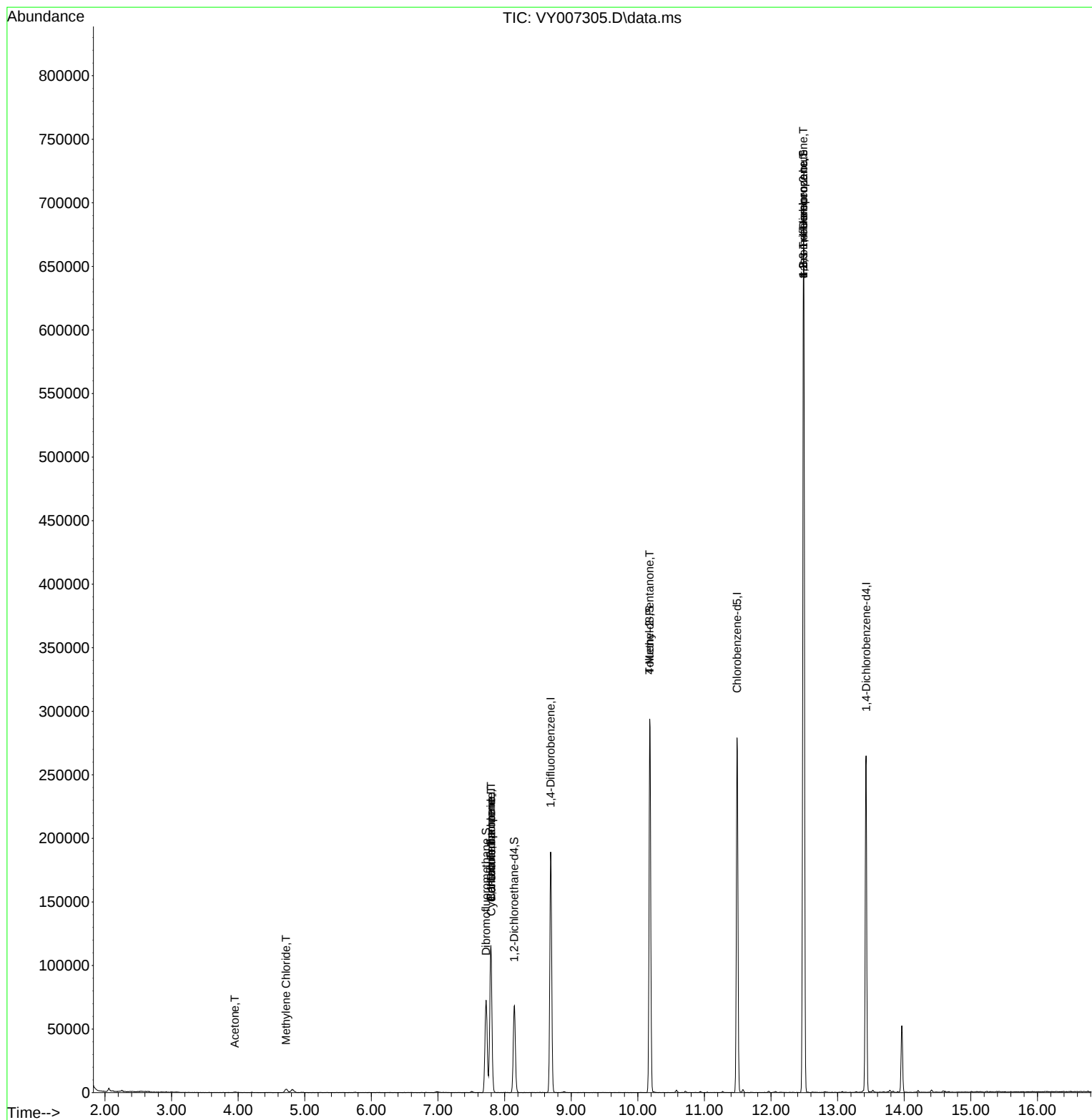
Internal Standards						
1) Pentafluorobenzene	7.795	168	84995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54391	52.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.300%	
35) Dibromofluoromethane	7.722	113	52710	49.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.240%	
50) Toluene-d8	10.179	98	193242	49.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.483	95	71989	51.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	294	Below Cal	#	73
16) Acetone	3.948	43	525	1.940	ug/l	97
20) Methylene Chloride	4.716	84	2078	1.857	ug/l #	89
31) Cyclohexane	7.801	56	1886	1.070	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	7450	4.347	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9377	5.201	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	971	1.119	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43670	59.057	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43670	108.118	ug/l #	3

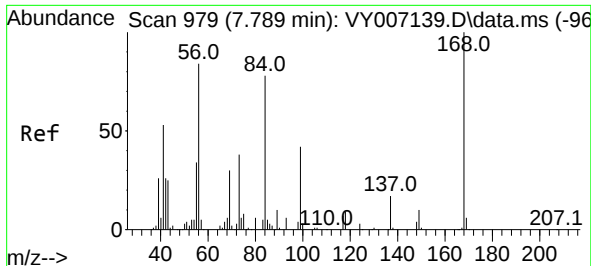
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RB-11-(2.10-3.6)

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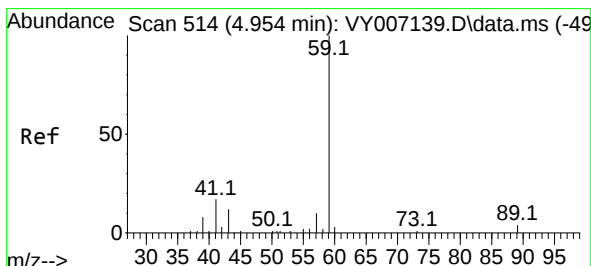
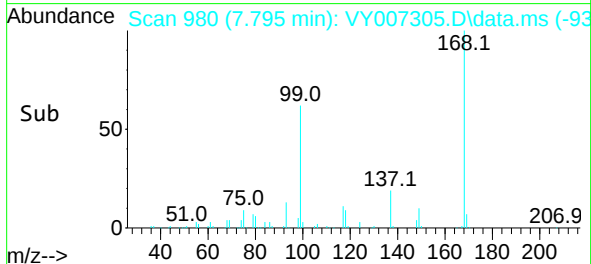
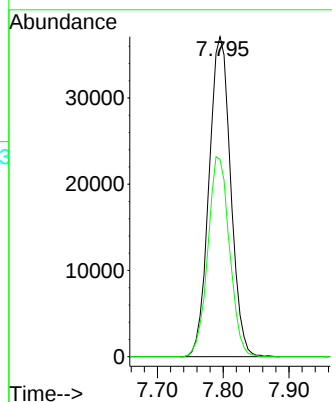
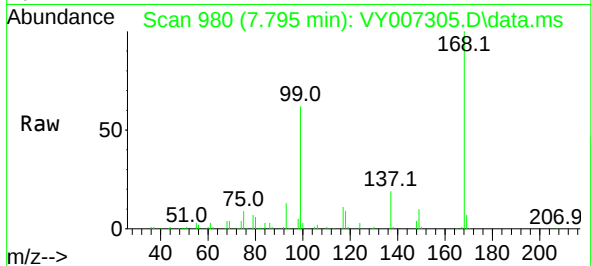




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

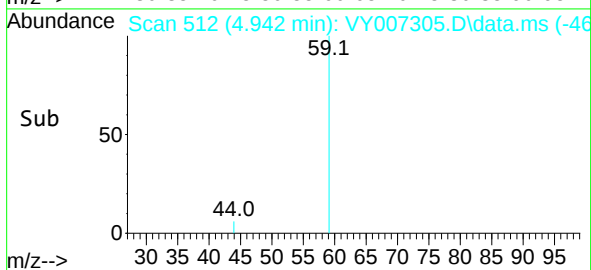
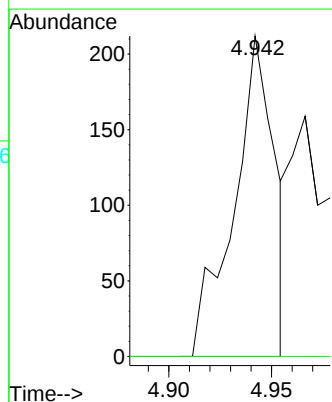
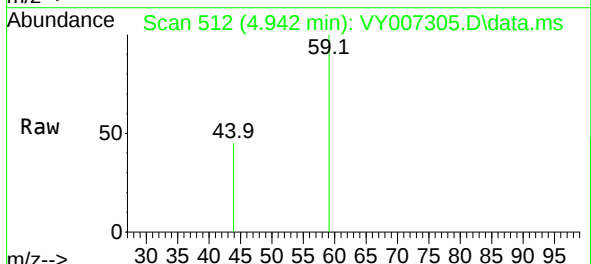
Instrument :
MSVOA_Y
ClientSampleId :
RB-11-(2.10-3.6)

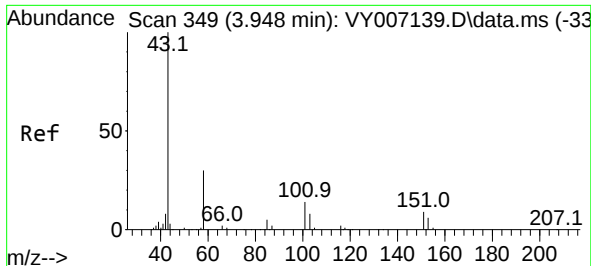
Tgt Ion:168 Resp: 84995
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

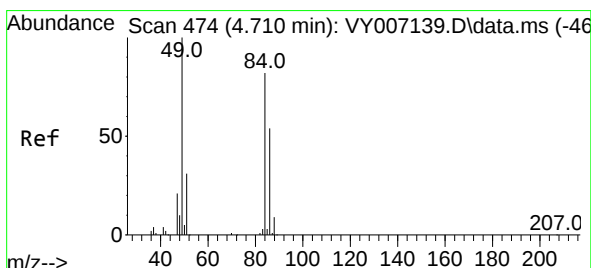
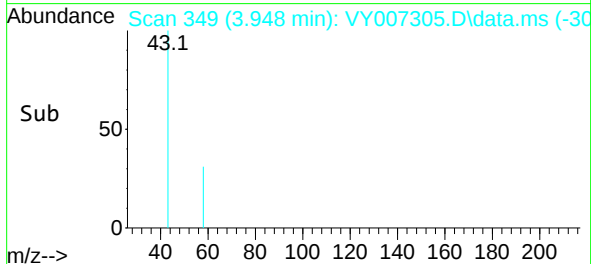
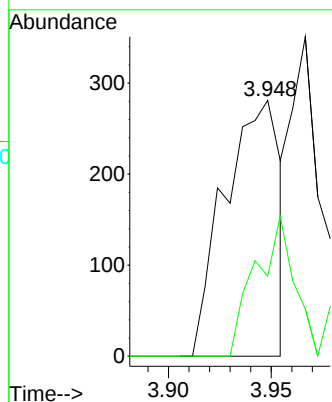
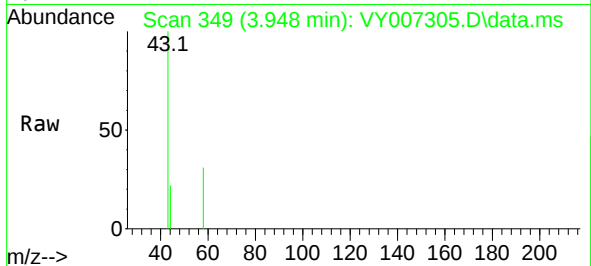




#16
Acetone
Concen: 1.940 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

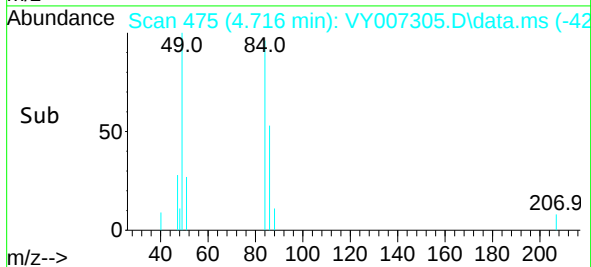
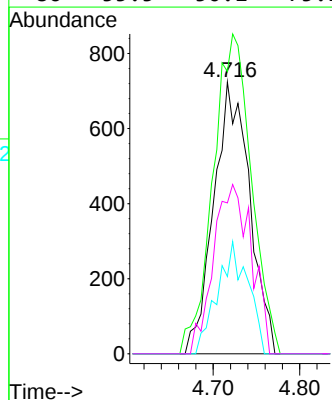
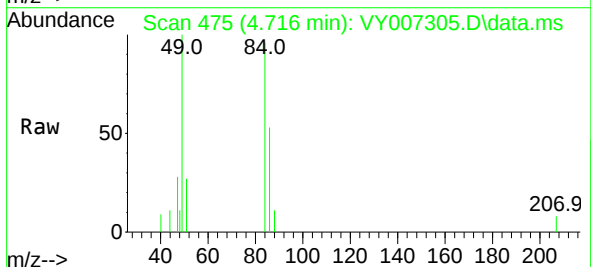
Instrument :
MSVOA_Y
ClientSampleId :
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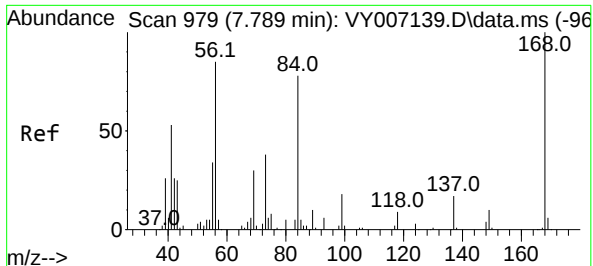
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.6



#20
Methylene Chloride
Concen: 1.857 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.007 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

Tgt Ion: 84 Resp: 2078
Ion Ratio Lower Upper
84 100
49 103.9 92.6 139.0
51 28.5 28.6 42.8#
86 55.5 50.1 75.1

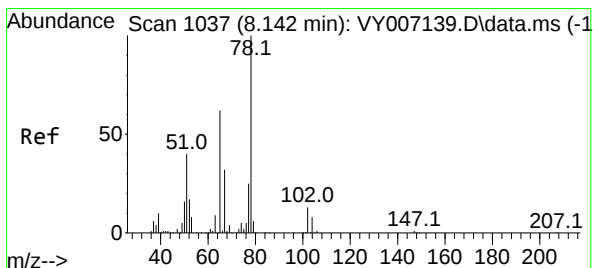
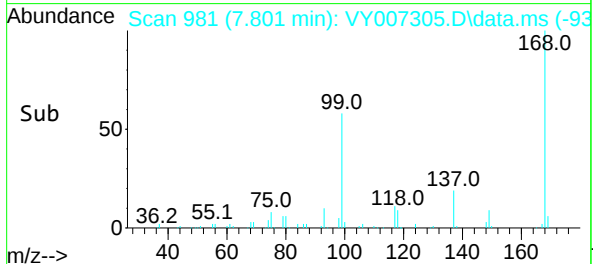
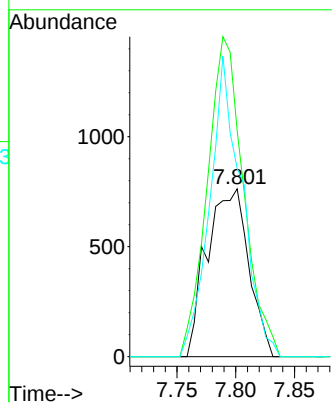
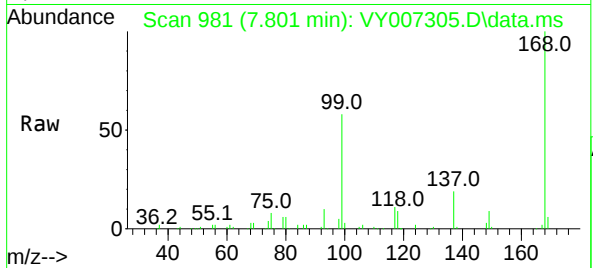




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

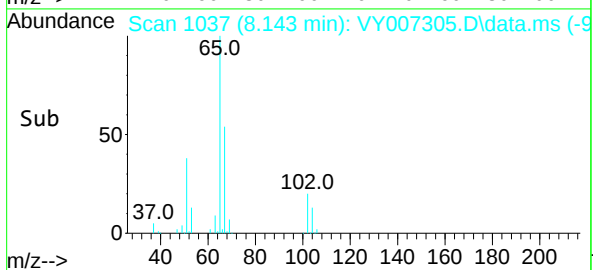
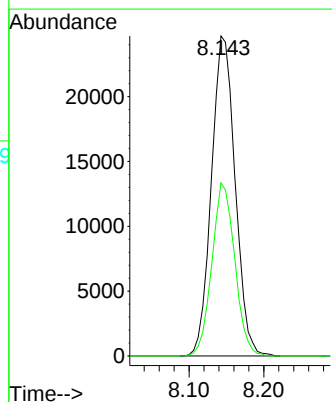
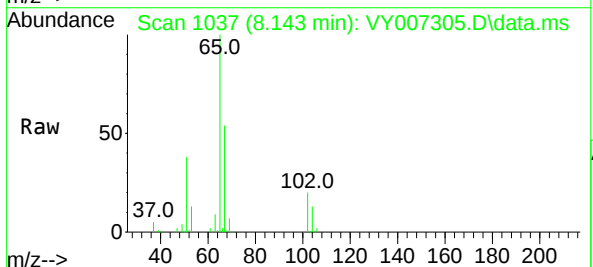
Instrument :
MSVOA_Y
ClientSampleId :
RB-11-(2.10-3.6)

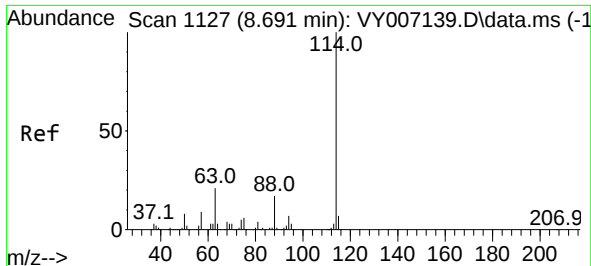
Tgt Ion: 56 Resp: 1886
Ion Ratio Lower Upper
56 100
69 134.7 27.2 40.8#
84 112.2 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 52.154 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

Tgt Ion: 65 Resp: 54391
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6

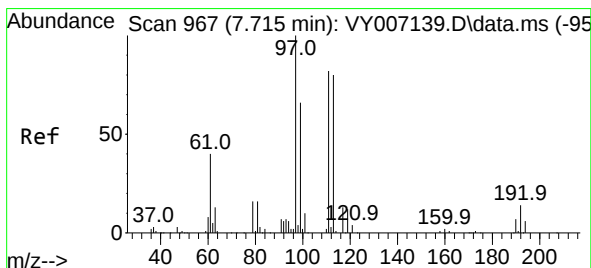
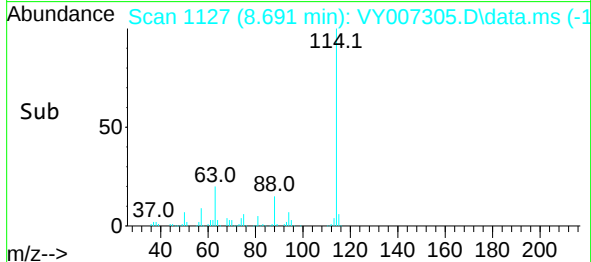
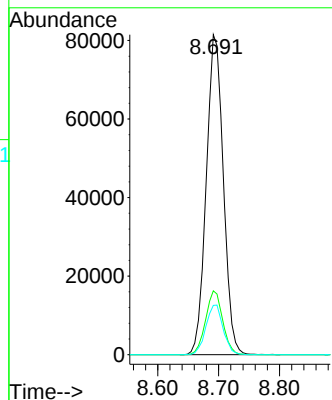
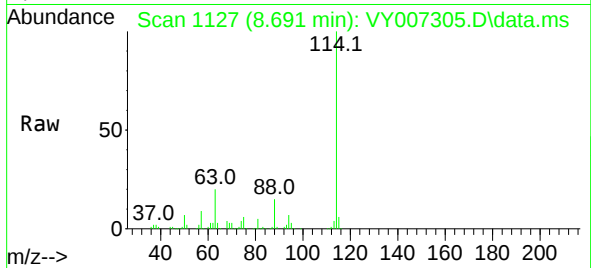




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

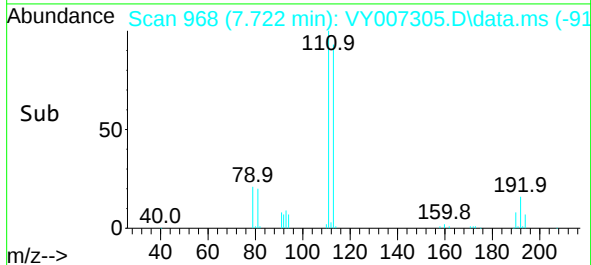
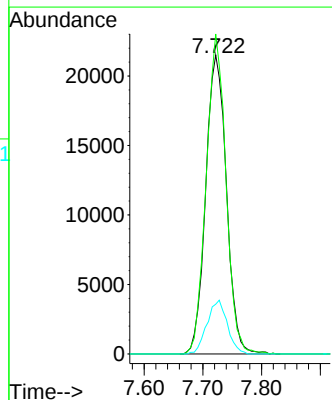
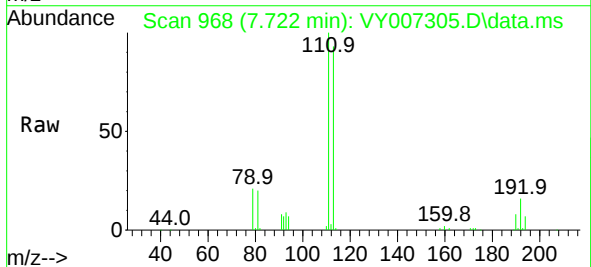
Instrument :
MSVOA_Y
ClientSampleId :
RB-11-(2.10-3.6)

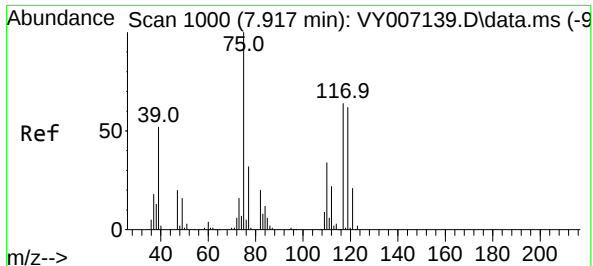
Tgt Ion:114 Resp: 158704
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 15.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.118 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

Tgt Ion:113 Resp: 52710
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.6 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.347 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.121 min

Lab File: VY007305.D

Acq: 26 Jan 2022 14:35

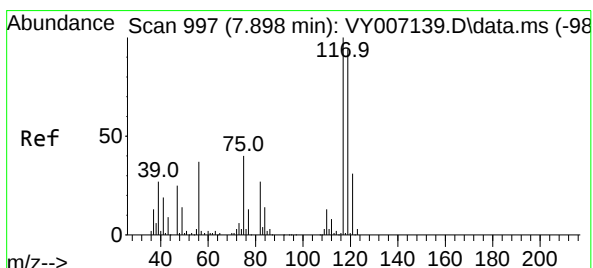
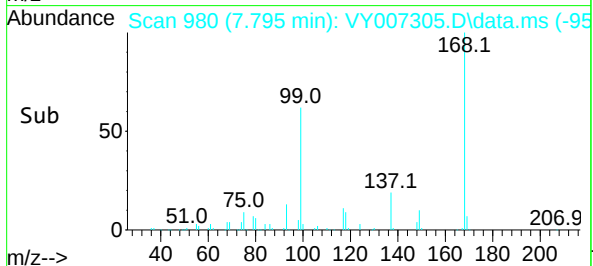
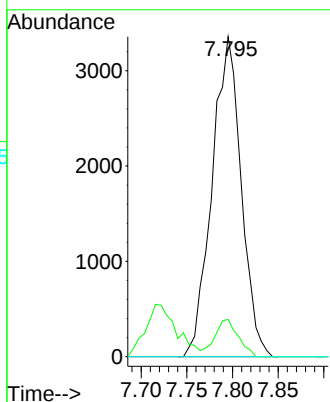
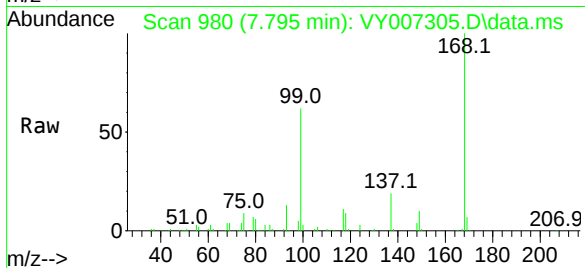
Instrument :

MSVOA_Y

ClientSampleId :

RB-11-(2.10-3.6)

Tgt Ion: 75	Resp:	7450
Ion Ratio	Lower	Upper
75	100	
110	9.3	17.3 51.9#
77	0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.201 ug/l

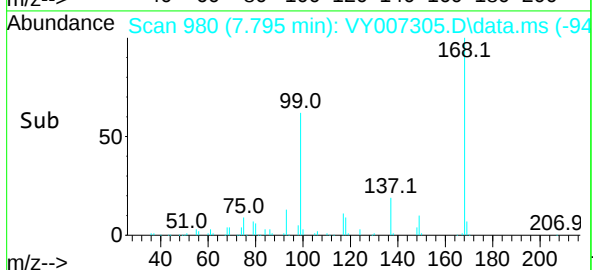
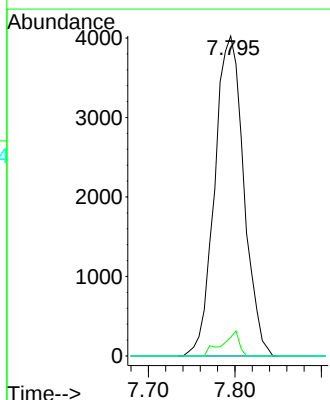
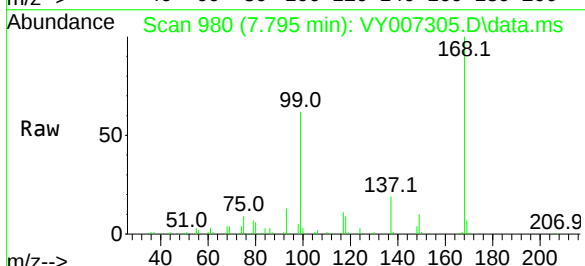
RT: 7.795 min Scan# 980

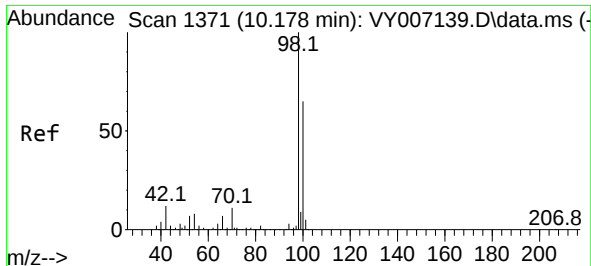
Delta R.T. -0.103 min

Lab File: VY007305.D

Acq: 26 Jan 2022 14:35

Tgt Ion: 117	Resp:	9377
Ion Ratio	Lower	Upper
117	100	
119	5.8	77.2 115.8#
121	0.0	24.2 36.2#

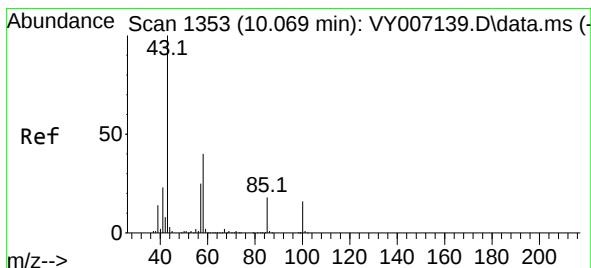
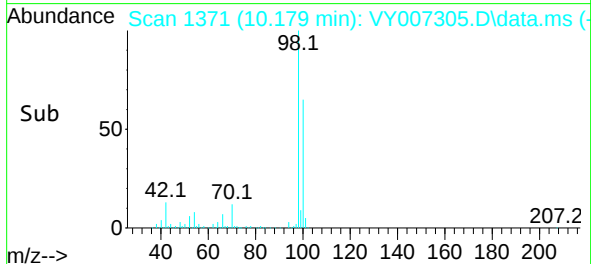
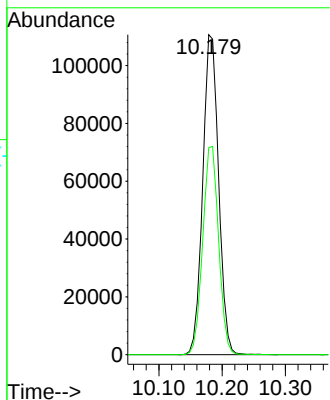
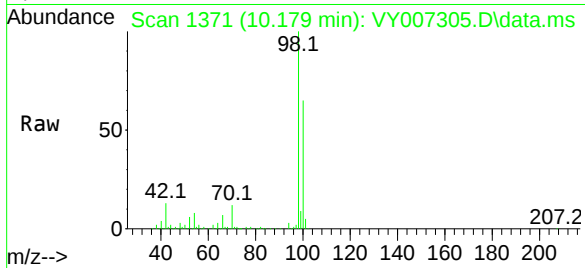




#50
Toluene-d8
Concen: 49.282 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

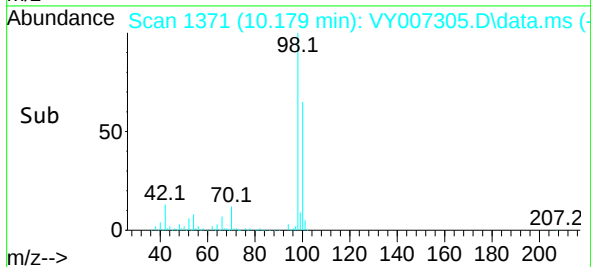
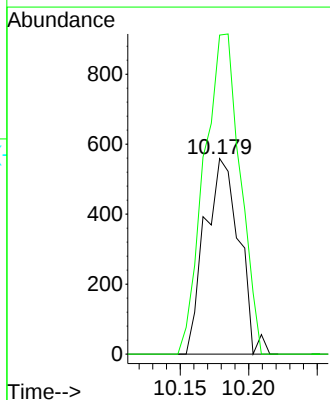
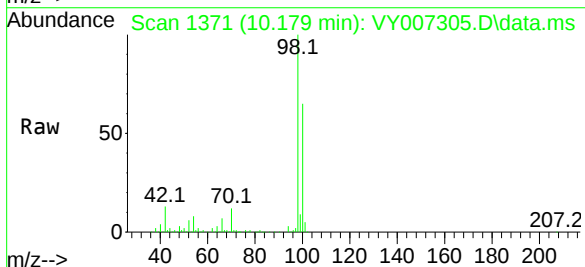
Instrument :
MSVOA_Y
ClientSampleId :
RB-11-(2.10-3.6)

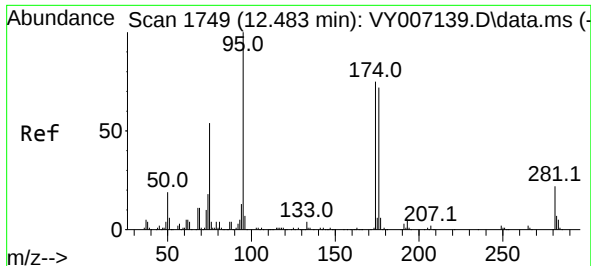
Tgt Ion: 98 Resp: 193242
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.119 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 172.1 32.8 49.2#

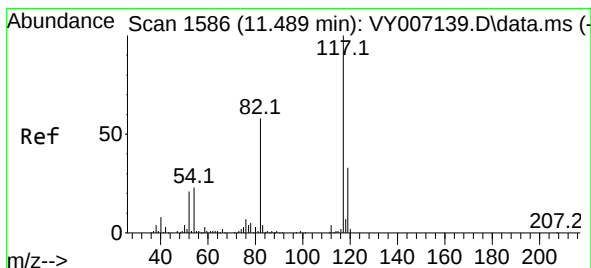
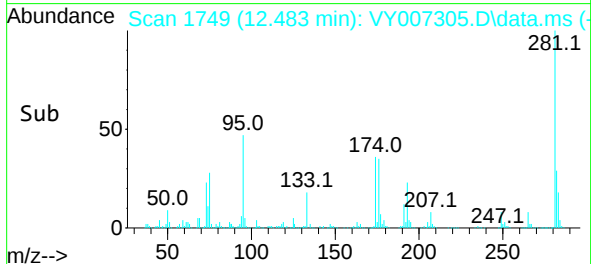
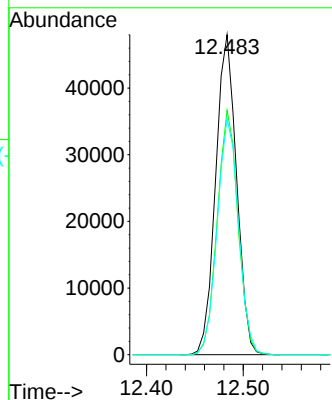
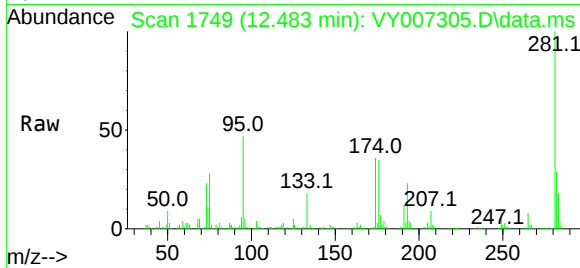




#62
4-Bromofluorobenzene
Concen: 51.612 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

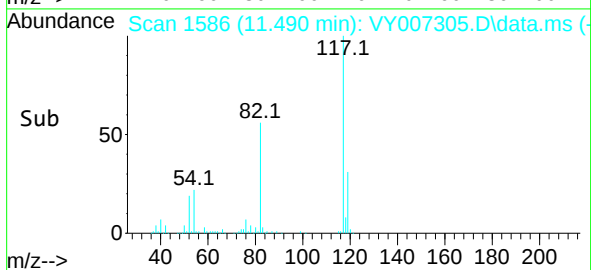
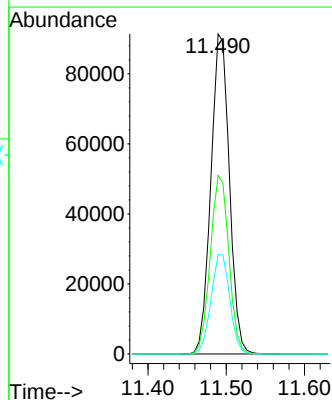
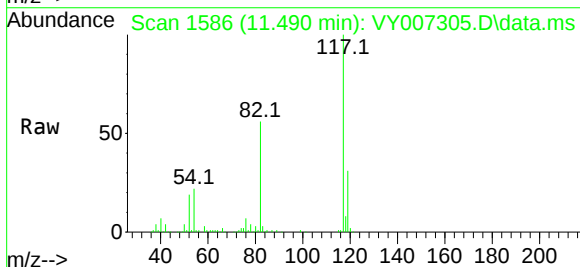
Instrument :
MSVOA_Y
ClientSampleId :
RB-11-(2.10-3.6)

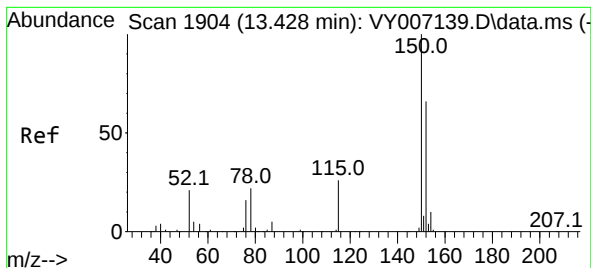
Tgt Ion: 95 Resp: 71989
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.4
176 75.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007305.D
Acq: 26 Jan 2022 14:35

Tgt Ion: 117 Resp: 149755
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 31.0 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007305.D

Acq: 26 Jan 2022 14:35

Instrument :

MSVOA_Y

ClientSampleId :

RB-11-(2.10-3.6)

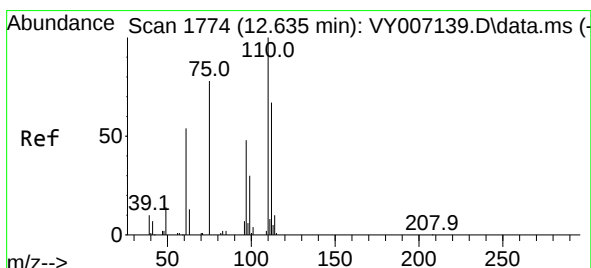
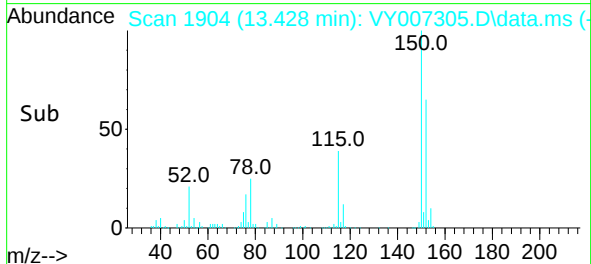
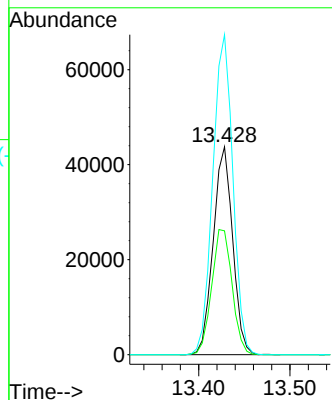
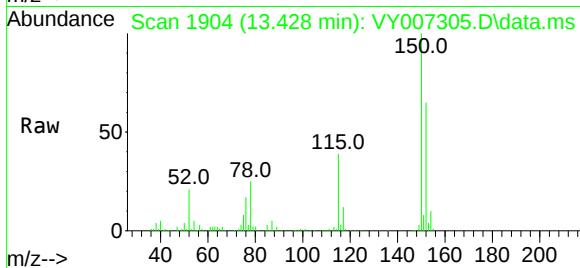
Tgt Ion:152 Resp: 64849

Ion Ratio Lower Upper

152 100

115 63.1 31.4 94.0

150 158.4 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 59.057 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007305.D

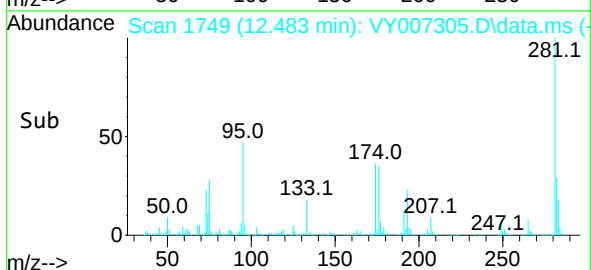
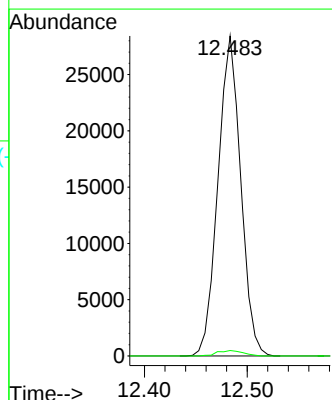
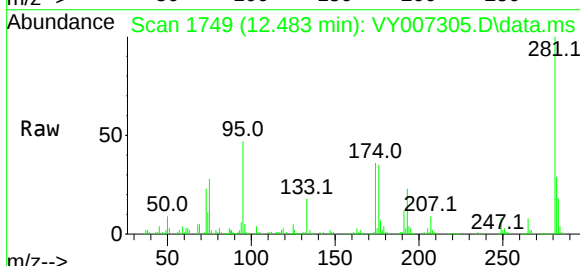
Acq: 26 Jan 2022 14:35

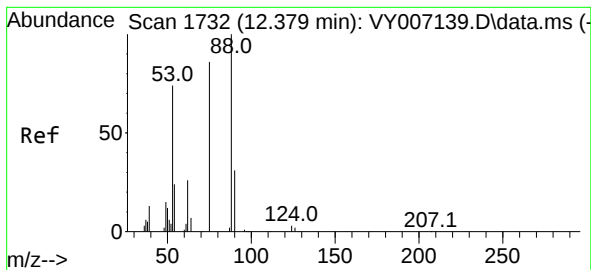
Tgt Ion: 75 Resp: 43670

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.118 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007305.D
 Acq: 26 Jan 2022 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-11-(2.10-3.6)

Tgt Ion: 75 Resp: 43670
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 4.6 0.0 0.0#

