

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006746.D
 Acq On : 15 Nov 2021 21:20
 Operator : SY/MD
 Sample : M4562-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 04:23:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

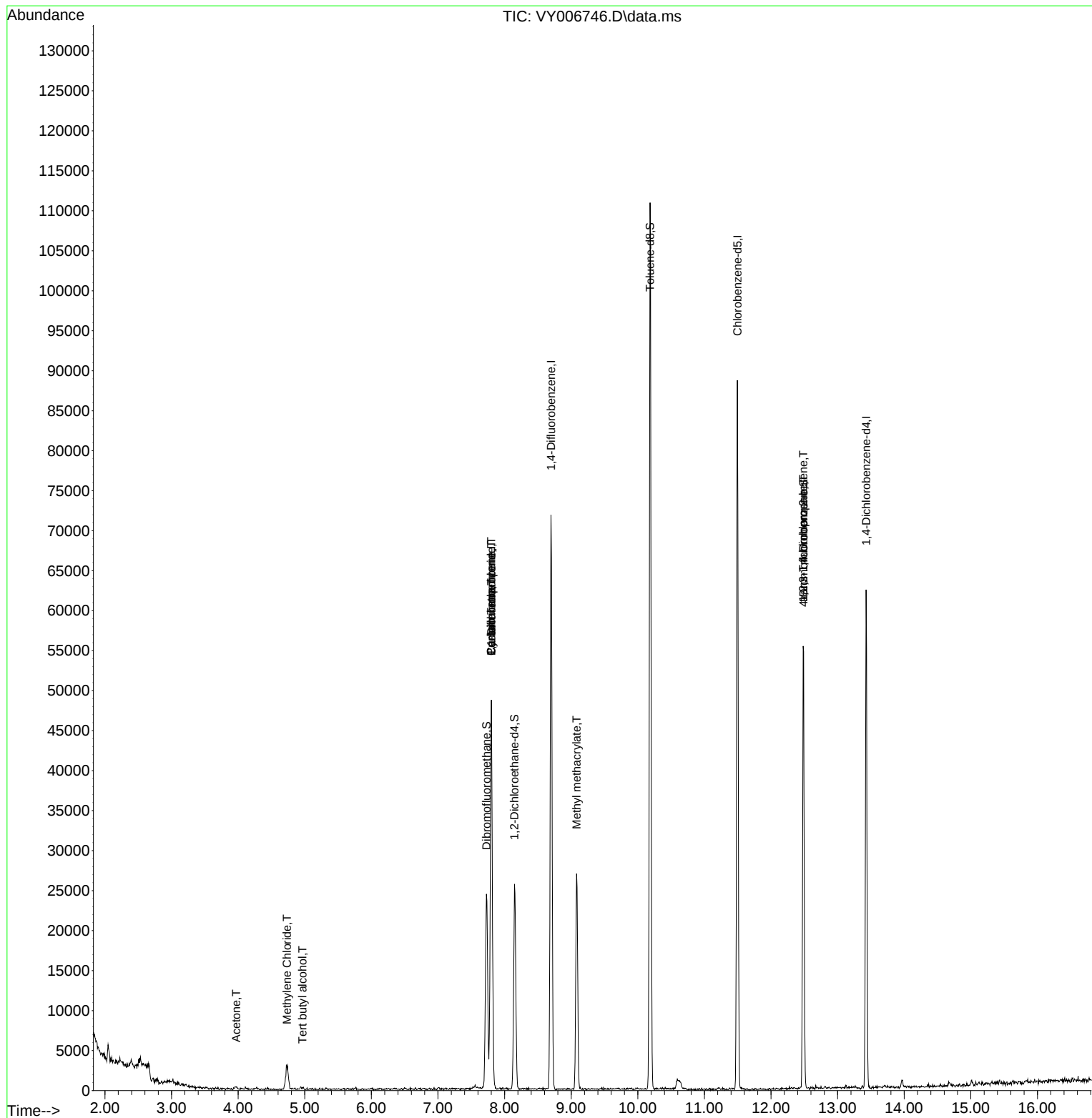
Internal Standards						
1) Pentafluorobenzene	7.801	168	34304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	53957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	44945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21059	46.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.680%
35) Dibromofluoromethane	7.728	113	16266	49.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.185	98	68402	49.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.489	95	15756	34.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	255	3.771	ug/l #	72
16) Acetone	3.973	43	377	2.760	ug/l #	46
20) Methylene Chloride	4.735	84	1940	1.430	ug/l	86
31) Cyclohexane	7.801	56	1004	1.271	ug/l #	21
36) 1,1-Dichloropropene	7.801	75	3217	5.485	ug/l #	48
38) Carbon Tetrachloride	7.801	117	3543	5.906	ug/l #	15
48) Methyl methacrylate	9.081	41	7154	20.528	ug/l #	40
76) 1,2,3-Trichloropropane	12.483	75	9203	57.689	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9203	114.309	ug/l #	7

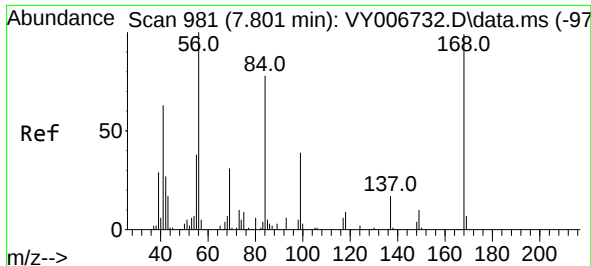
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

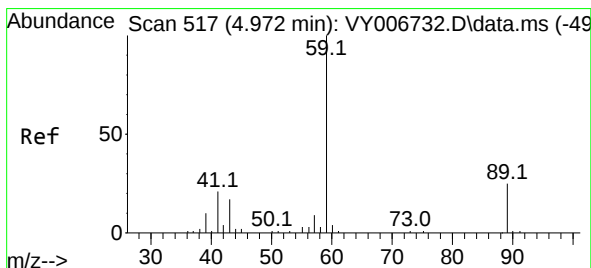
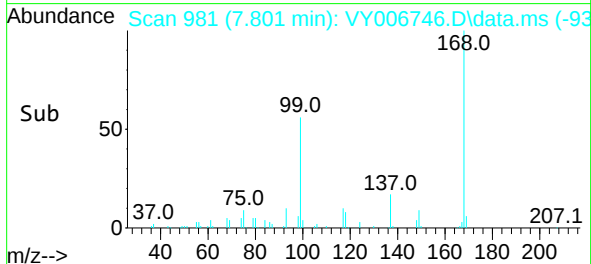
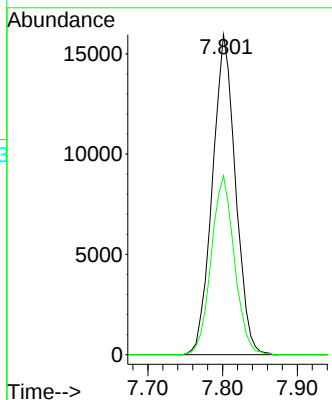
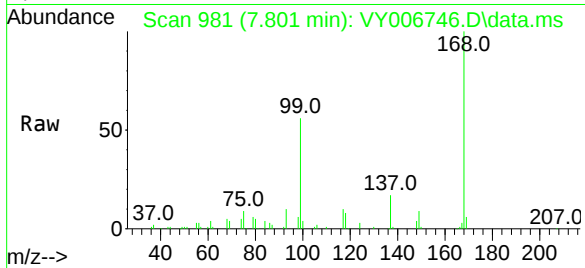




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

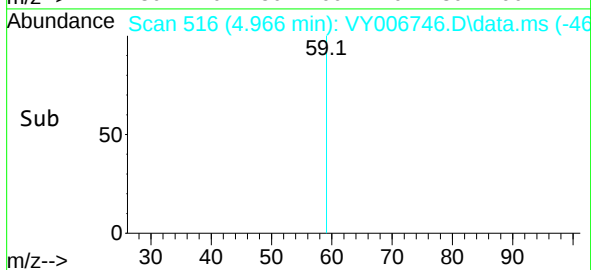
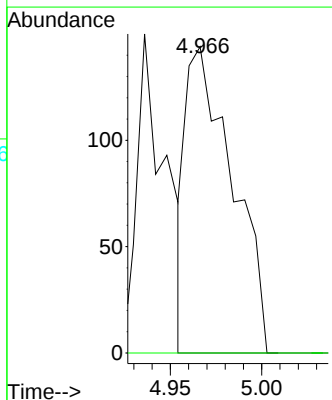
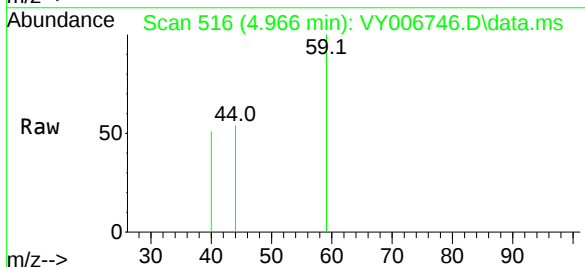
Instrument :
MSVOA_Y
ClientSampleId :

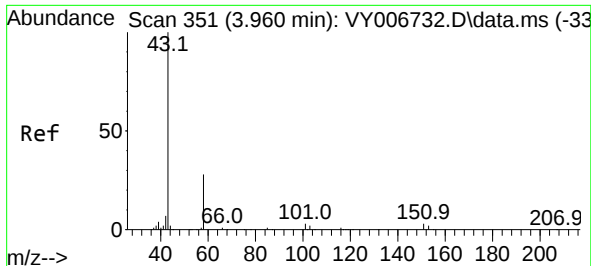
Tgt Ion:168 Resp: 34304
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#11
Tert butyl alcohol
Concen: 3.771 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

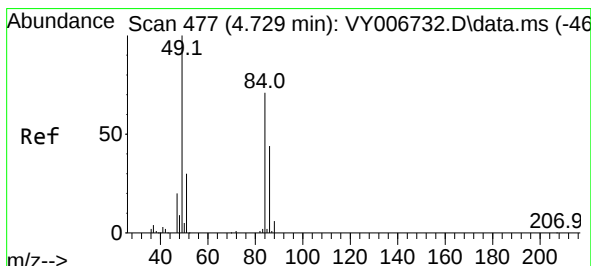
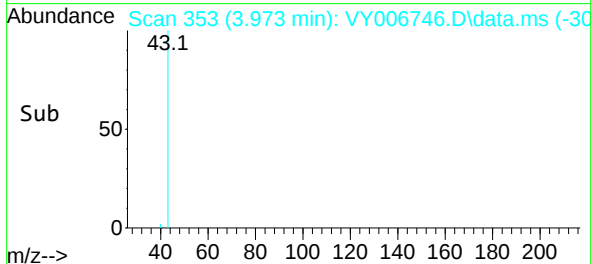
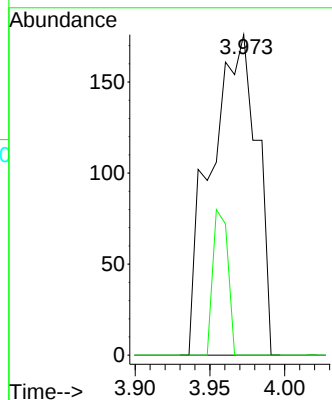
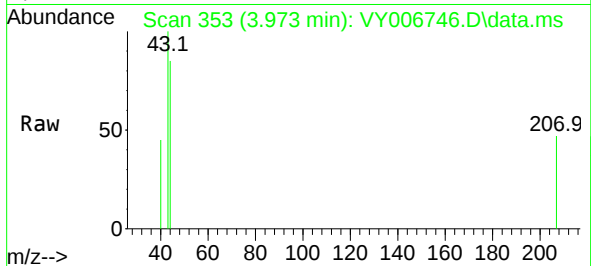




#16
Acetone
Concen: 2.760 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

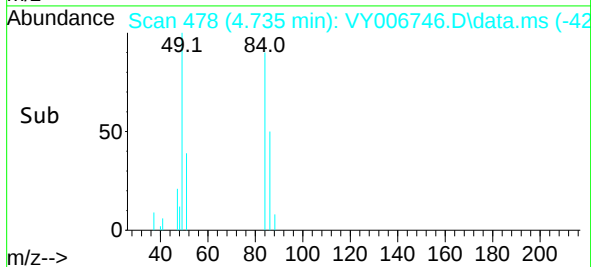
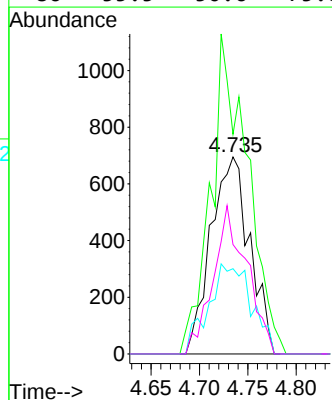
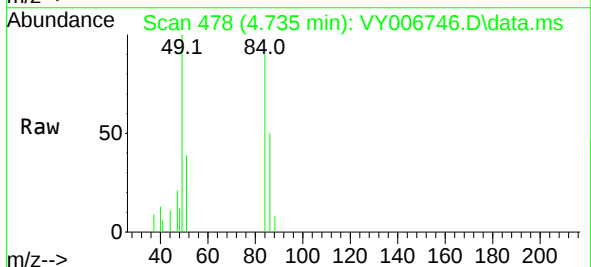
Instrument :
MSVOA_Y
ClientSampleId :

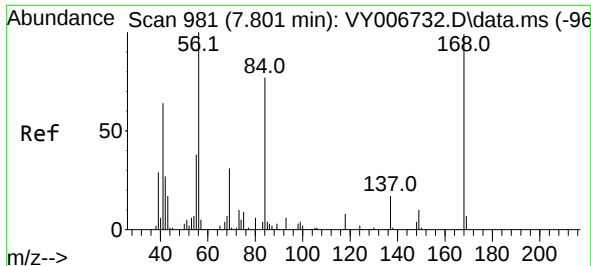
Tgt Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 1.430 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

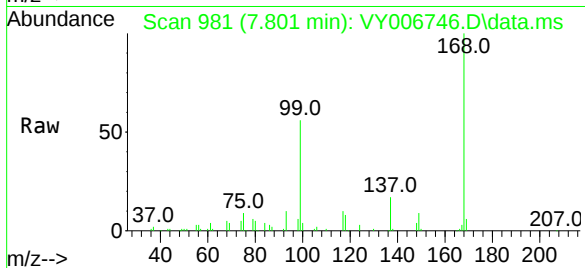
Tgt Ion: 84 Resp: 1940
Ion Ratio Lower Upper
84 100
49 111.5 107.8 161.8
51 43.3 32.8 49.2
86 55.5 50.6 75.8



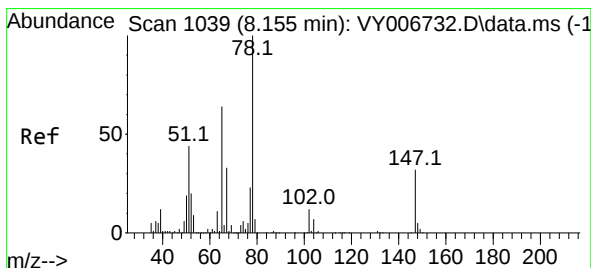
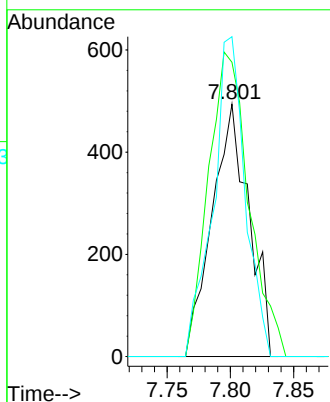
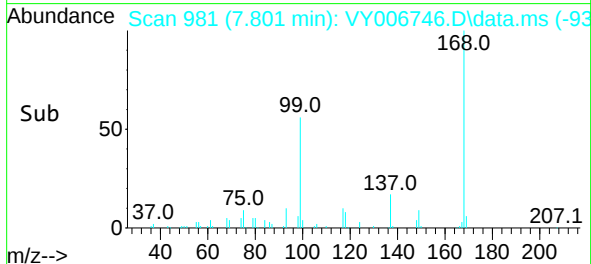


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Instrument :
MSVOA_Y
ClientSampleId :

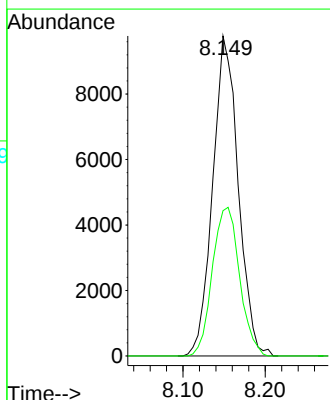
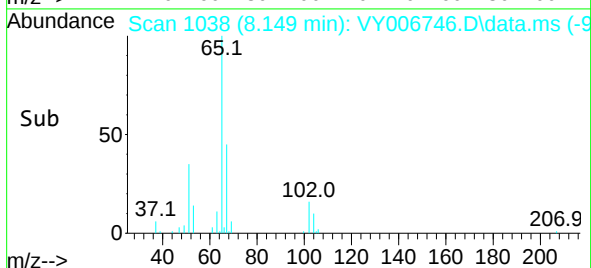
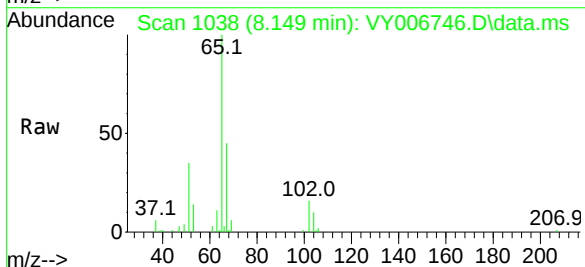


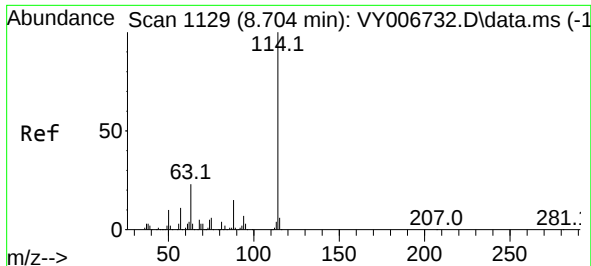
Tgt Ion: 56 Resp: 1004
Ion Ratio Lower Upper
56 100
69 116.6 26.6 40.0#
84 126.7 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 46.840 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion: 65 Resp: 21059
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.2

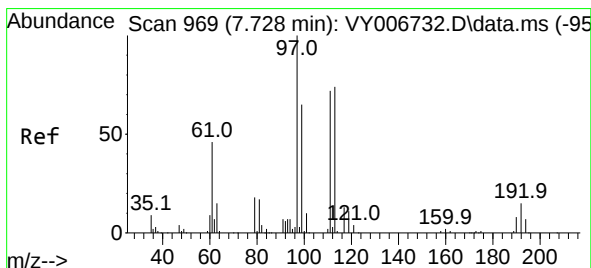
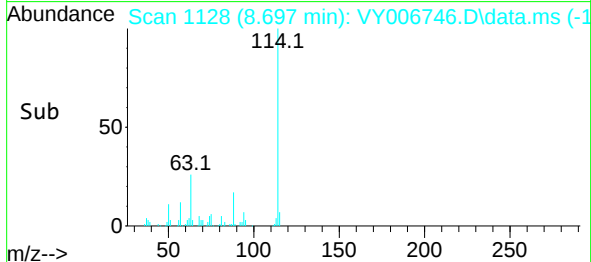
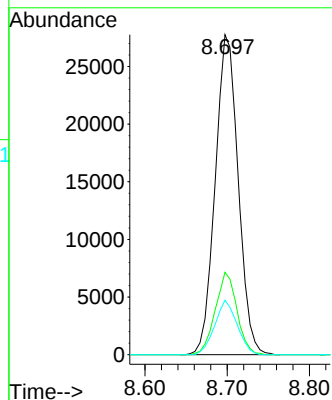
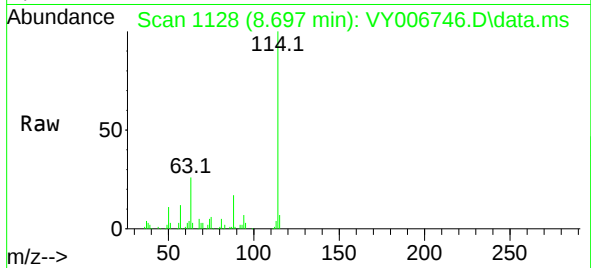




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

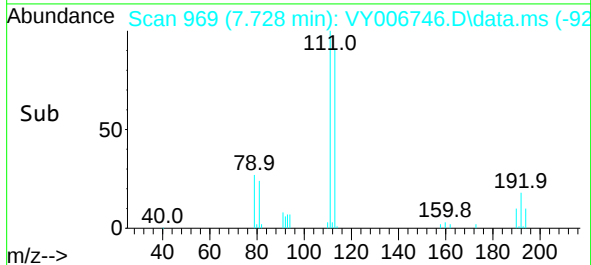
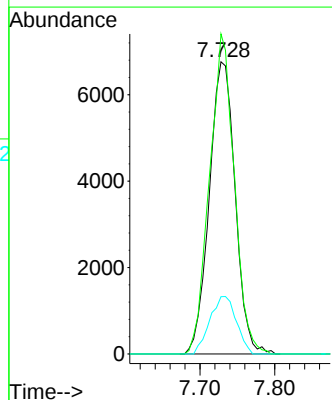
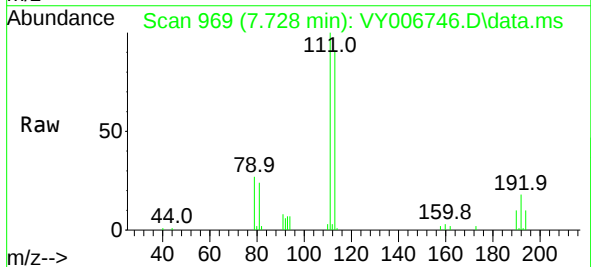
Instrument :
MSVOA_Y
ClientSampleId :

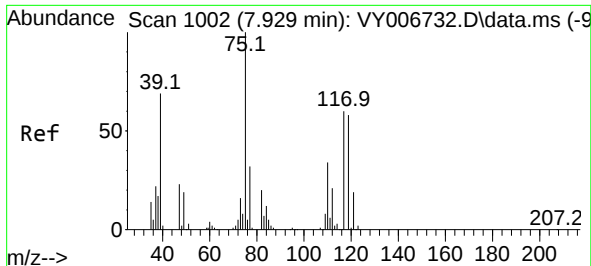
Tgt Ion:114 Resp: 53957
Ion Ratio Lower Upper
114 100
63 25.7 0.0 45.0
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.079 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

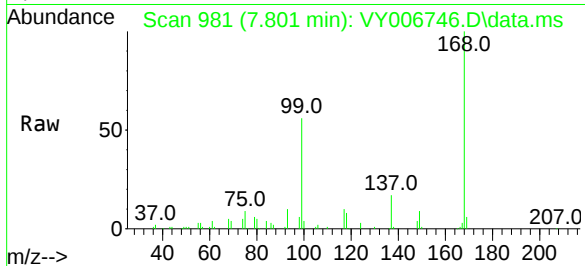
Tgt Ion:113 Resp: 16266
Ion Ratio Lower Upper
113 100
111 104.7 82.3 123.5
192 20.1 17.4 26.2



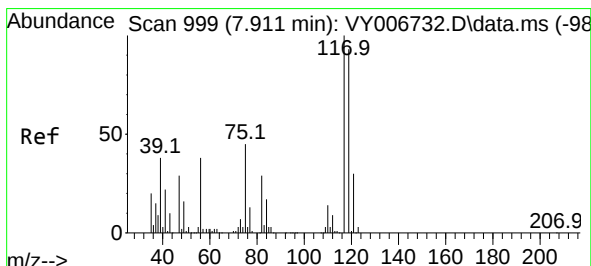
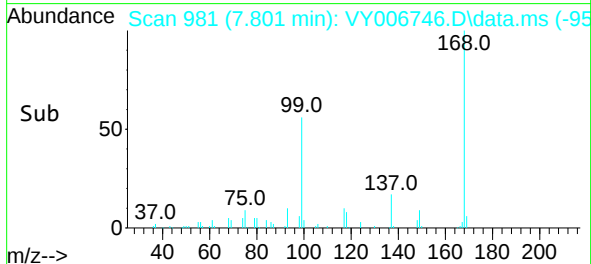
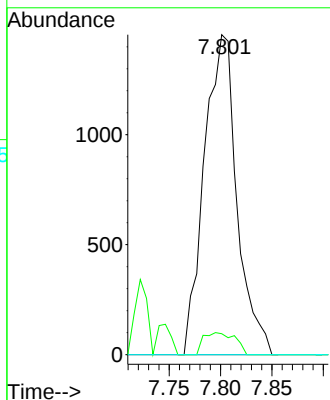


#36
1,1-Dichloropropene
Concen: 5.485 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Instrument :
MSVOA_Y
ClientSampleId :

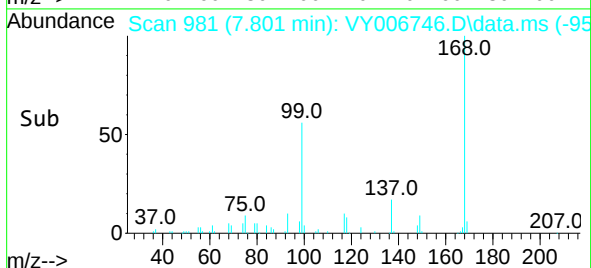
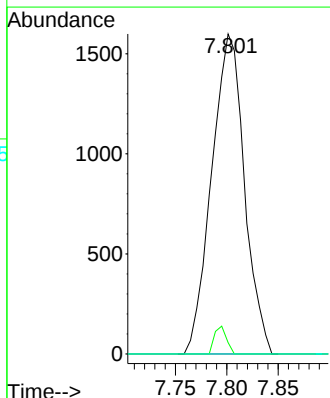
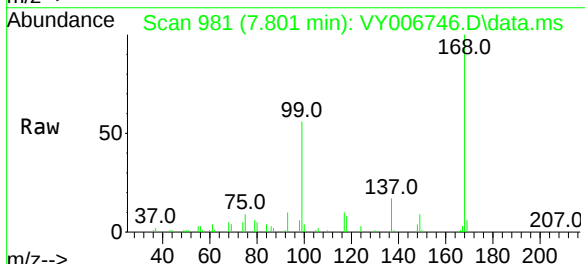


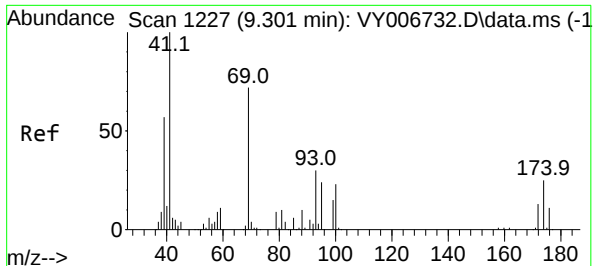
Tgt Ion: 75 Resp: 3217
Ion Ratio Lower Upper
75 100
110 6.7 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion: 117 Resp: 3543
Ion Ratio Lower Upper
117 100
119 3.6 76.6 115.0#
121 0.0 24.7 37.1#

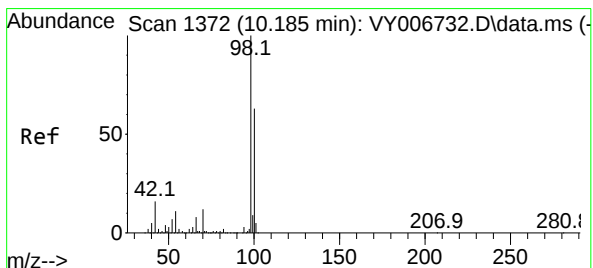
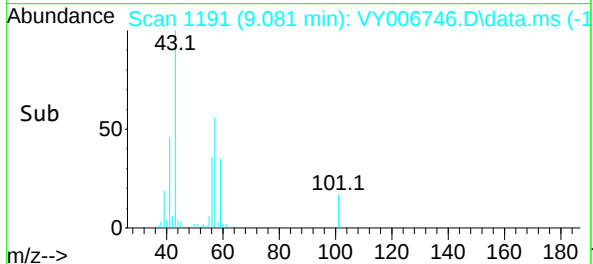
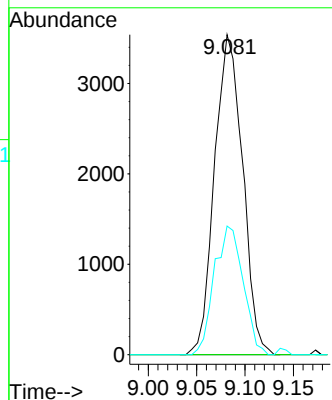
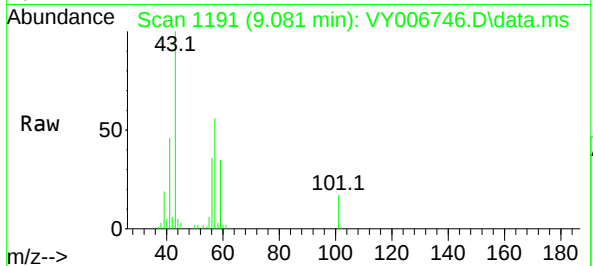




#48
Methyl methacrylate
Concen: 20.528 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

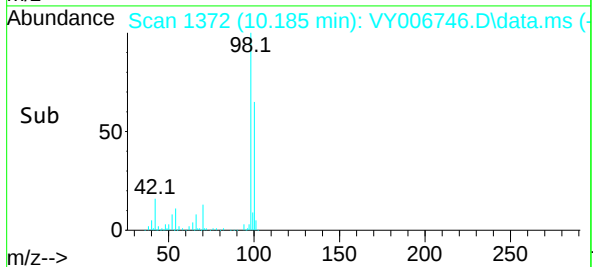
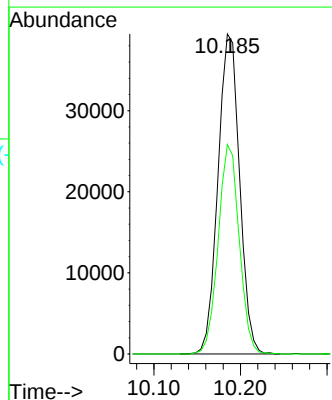
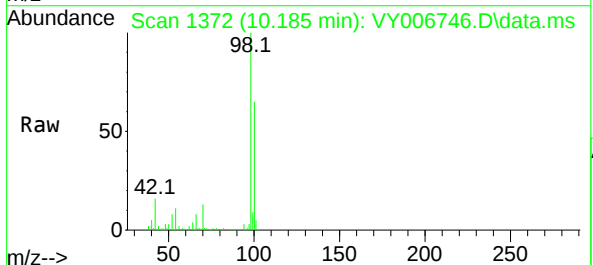
Instrument :
MSVOA_Y
ClientSampleId :

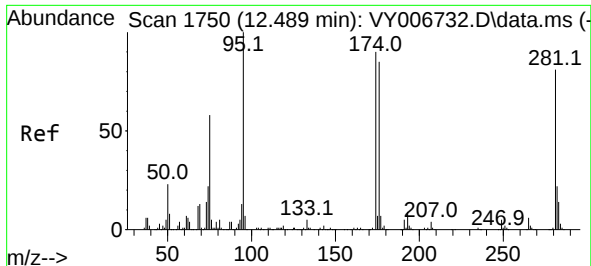
Tgt Ion: 41 Resp: 7154
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 41.3 48.2 72.2#



#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion: 98 Resp: 68402
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

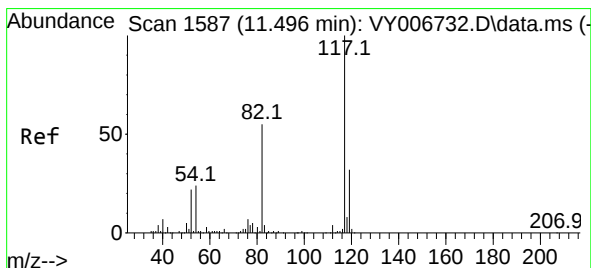
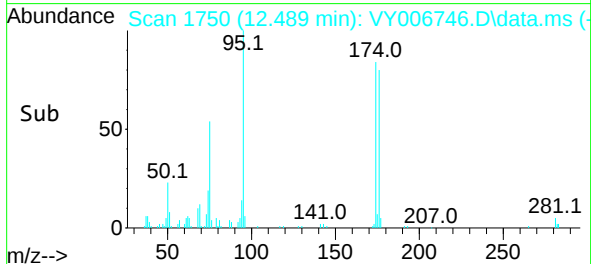
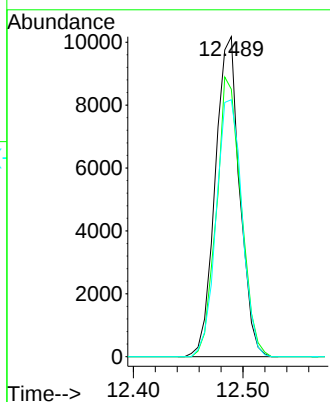
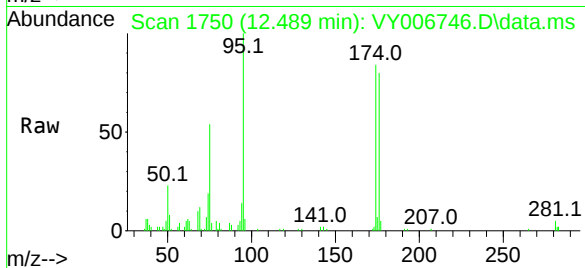




#62
4-Bromofluorobenzene
Concen: 34.078 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

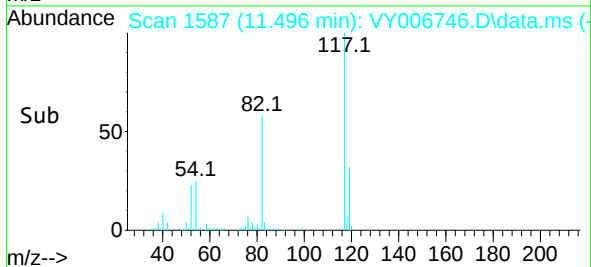
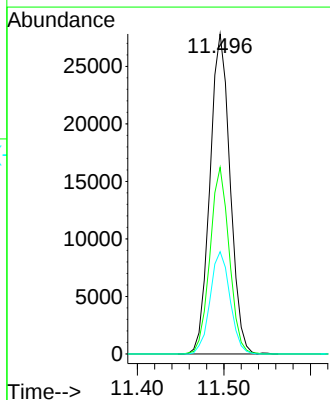
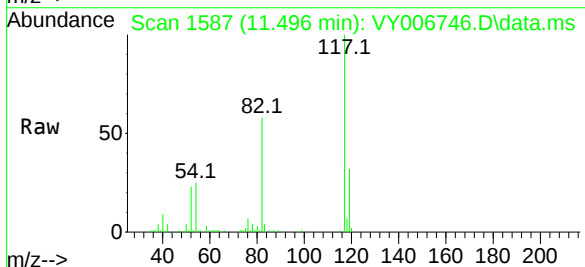
Instrument :
MSVOA_Y
ClientSampleId :

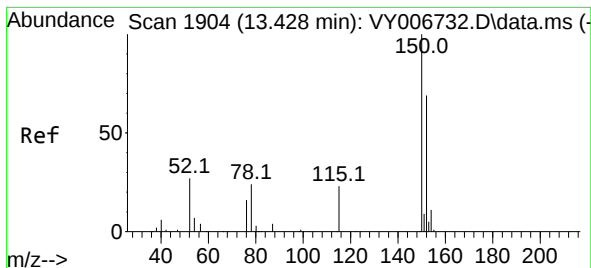
Tgt Ion: 95 Resp: 15756
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion: 117 Resp: 44945
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 31.9 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: VY006746.D

Acq: 15 Nov 2021 21:20

Instrument :

MSVOA_Y

ClientSampleId :

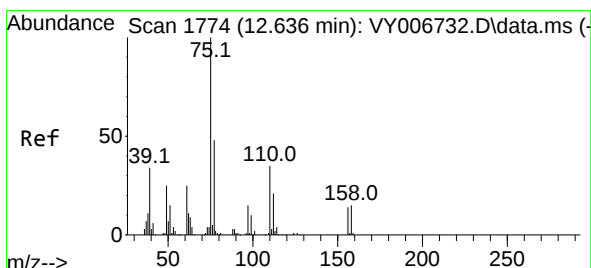
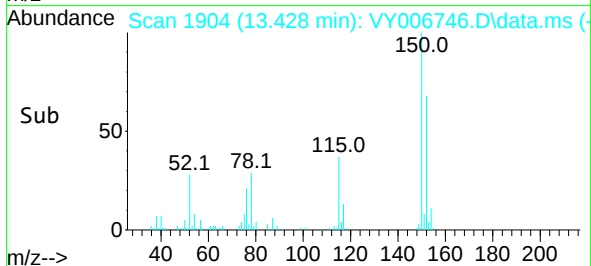
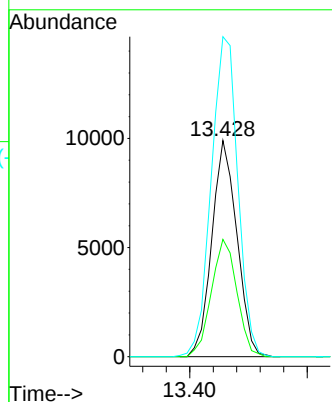
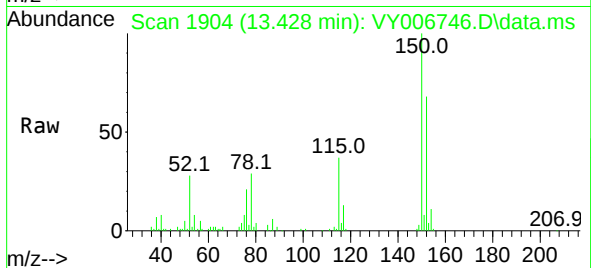
Tgt Ion:152 Resp: 14673

Ion Ratio Lower Upper

152 100

115 55.3 28.5 85.5

150 157.4 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 57.689 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY006746.D

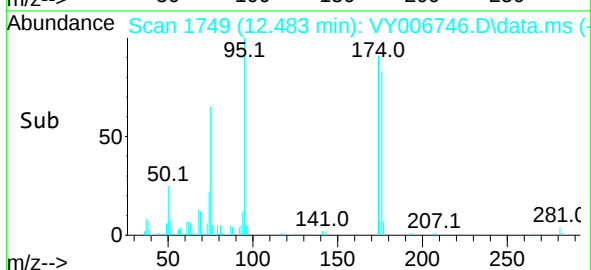
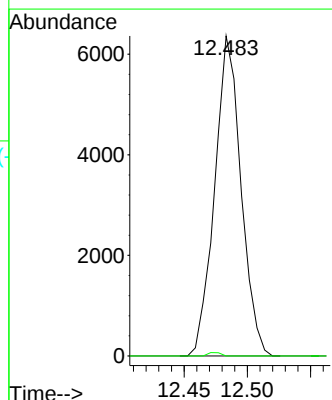
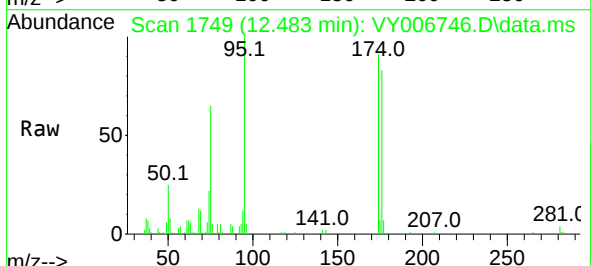
Acq: 15 Nov 2021 21:20

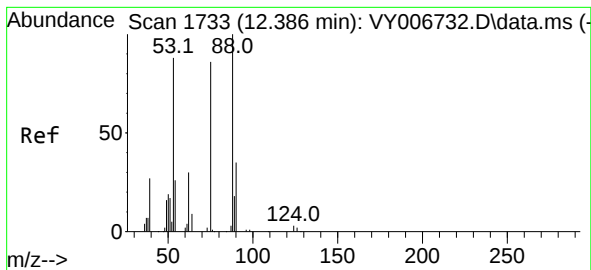
Tgt Ion: 75 Resp: 9203

Ion Ratio Lower Upper

75 100

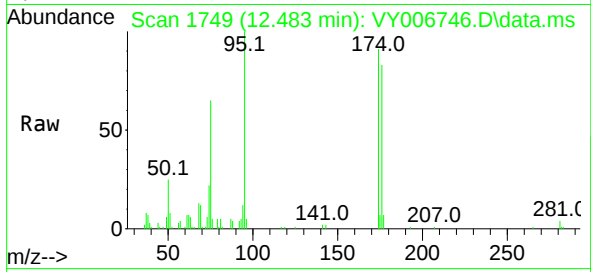
77 0.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.309 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	9203
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.0	39.3	58.9#

