

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006471.D
 Acq On : 25 Oct 2021 17:26
 Operator : SY/MD
 Sample : M4290-10RE
 Misc : 4.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:45:32 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	73866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	124505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53228	58.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.120%
35) Dibromofluoromethane	7.716	113	37599	54.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.179	98	141868	48.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.483	95	40833	41.205	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.420%

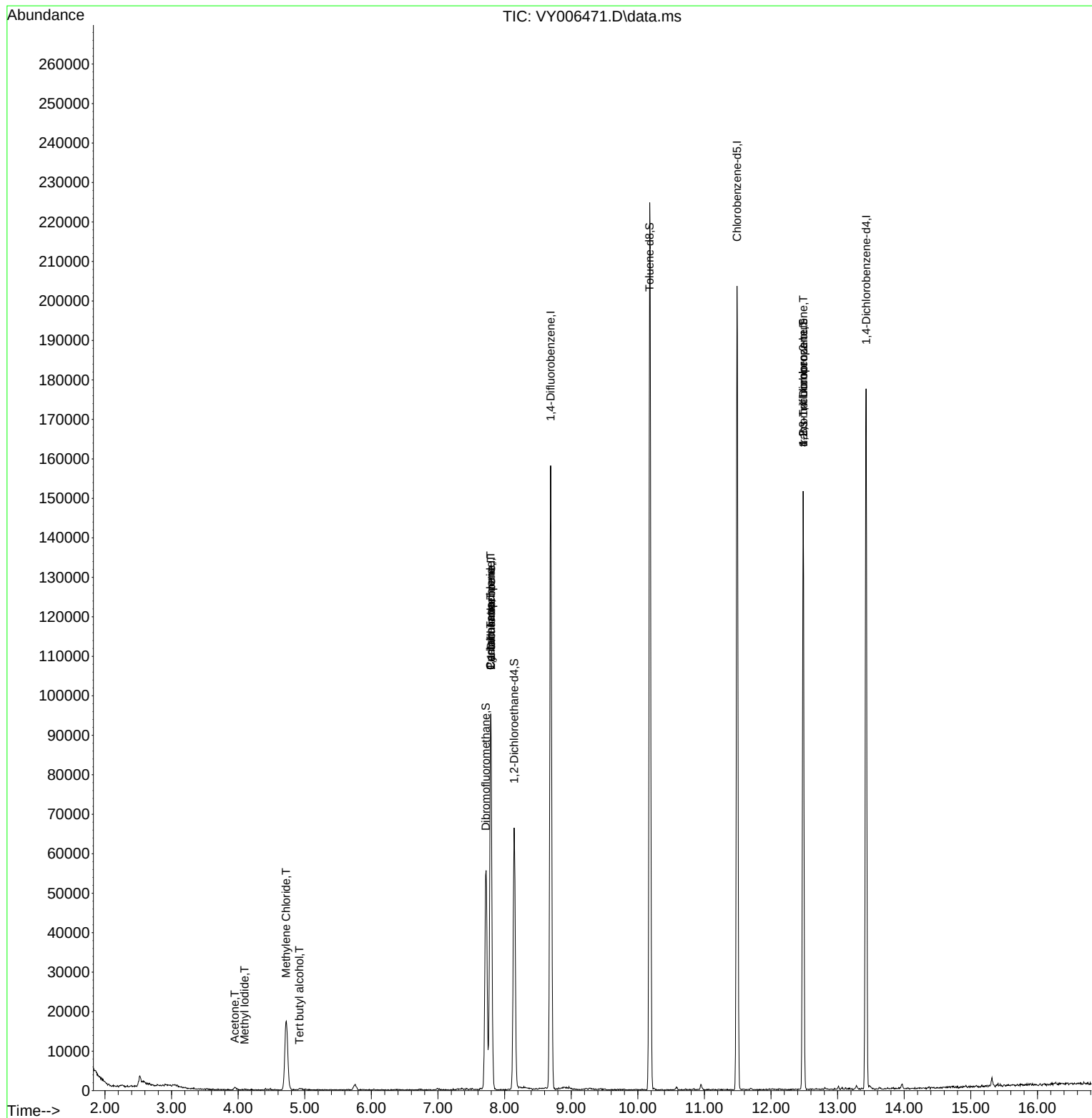
Target Compounds					Qvalue	
10) Methyl Iodide	4.095	142	166	5.265	ug/l #	36
11) Tert butyl alcohol	4.918	59	376	4.553	ug/l #	72
16) Acetone	3.948	43	1190	4.547	ug/l	91
20) Methylene Chloride	4.716	84	12596	12.480	ug/l	91
31) Cyclohexane	7.789	56	1761	1.197	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	5619	4.568	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7144	5.264	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	24022	52.981	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24022	108.768	ug/l #	7

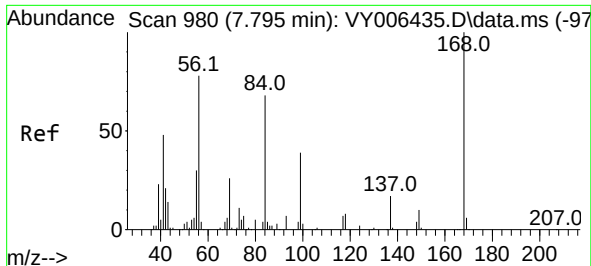
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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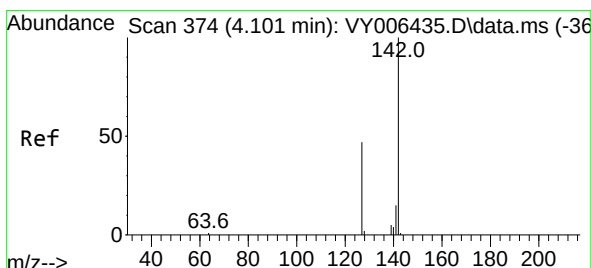
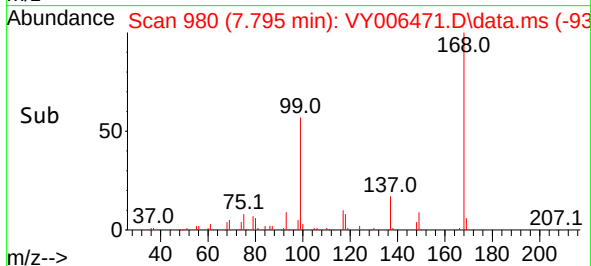
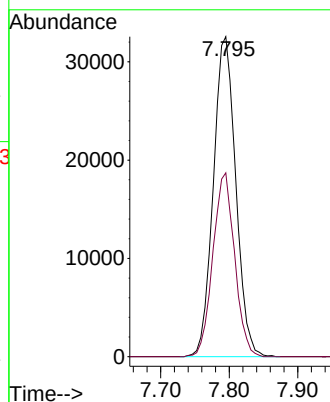
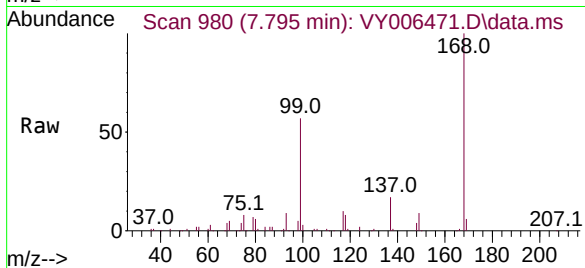




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

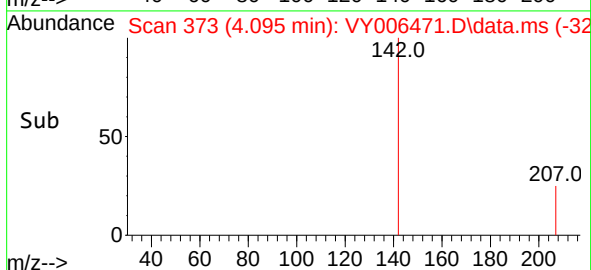
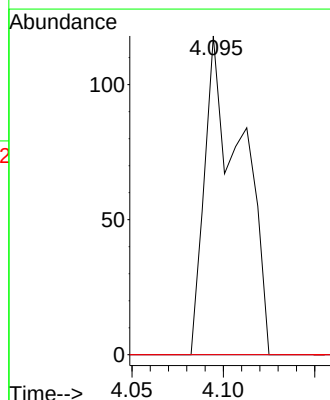
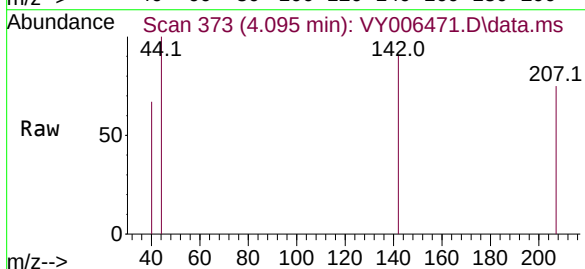
Instrument :
MSVOA_Y
ClientSampleId :

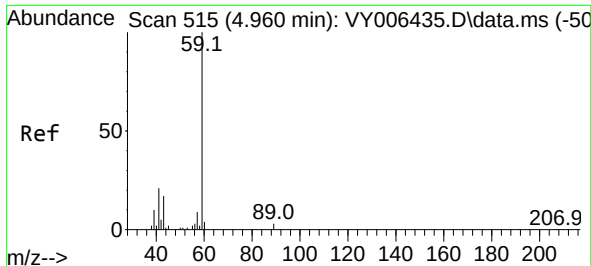
Tgt Ion:168 Resp: 73866
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.265 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Tgt Ion:142 Resp: 166
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

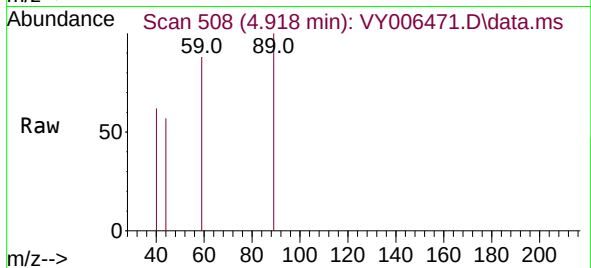




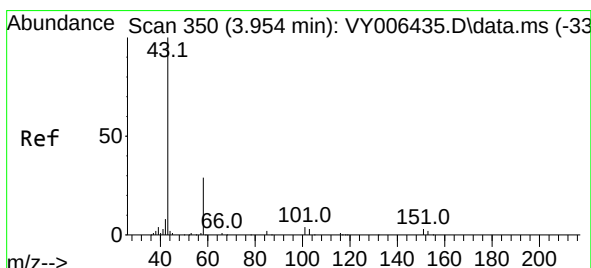
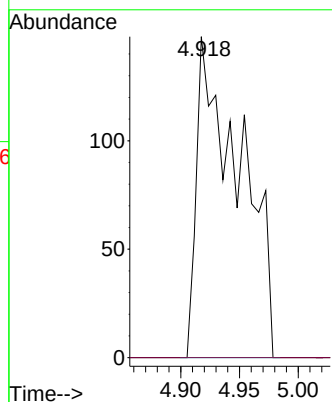
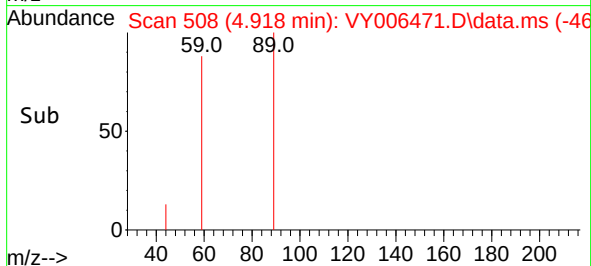
#11

Tert butyl alcohol
Concen: 4.553 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.043 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Instrument :
MSVOA_Y
ClientSampled :

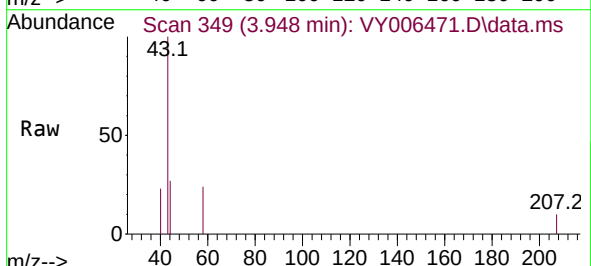


Tgt Ion: 59 Resp: 376
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

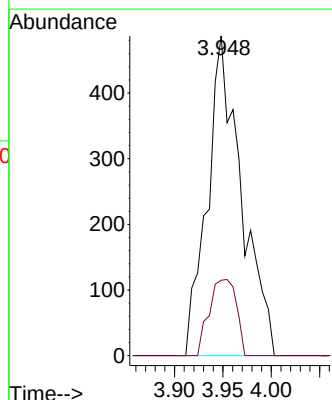
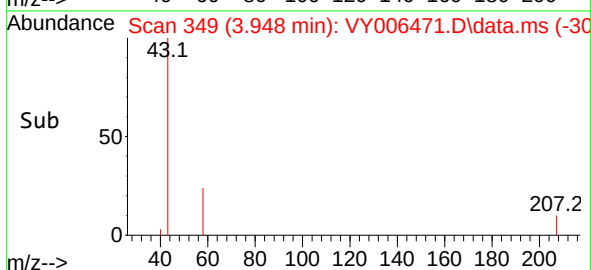


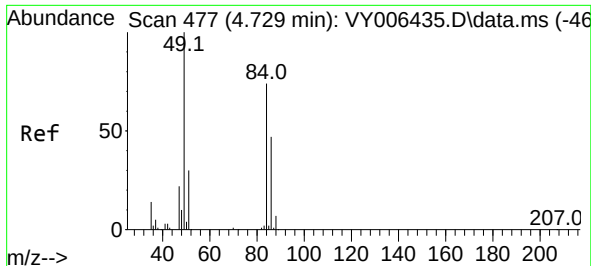
#16

Acetone
Concen: 4.547 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26



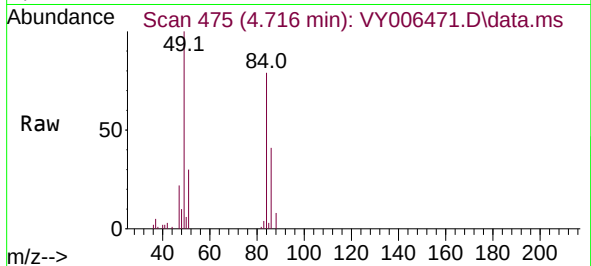
Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 23.6 22.9 34.3





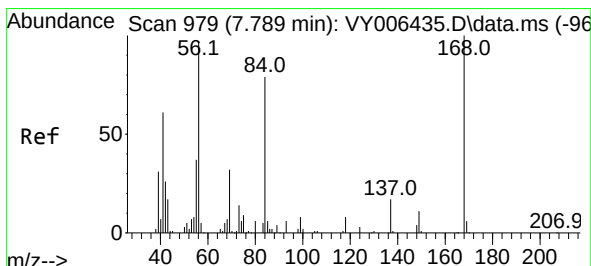
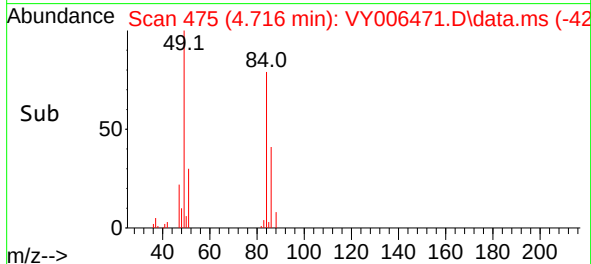
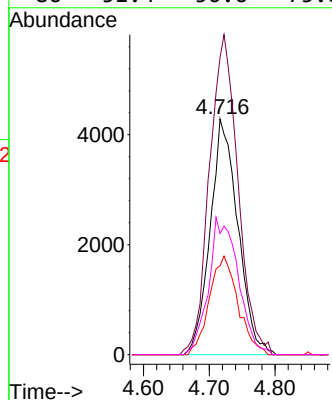
#20
Methylene Chloride
Concen: 12.480 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12596

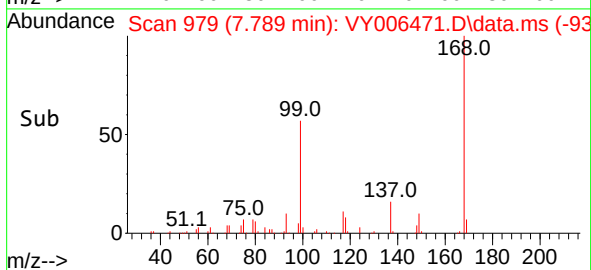
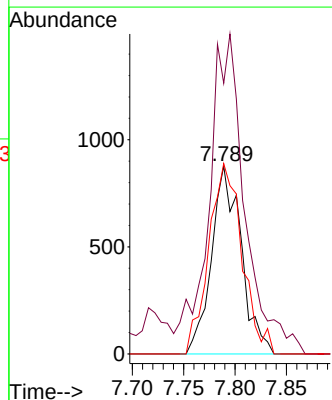
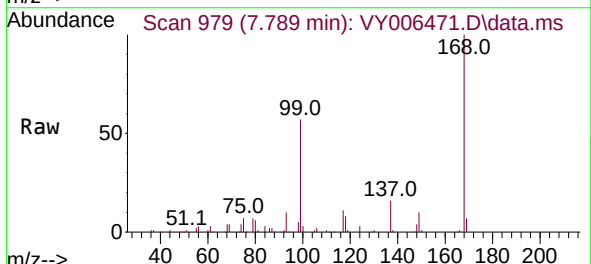
Ion	Ratio	Lower	Upper
84	100		
49	126.1	107.8	161.8
51	37.7	32.8	49.2
86	51.4	50.6	75.8

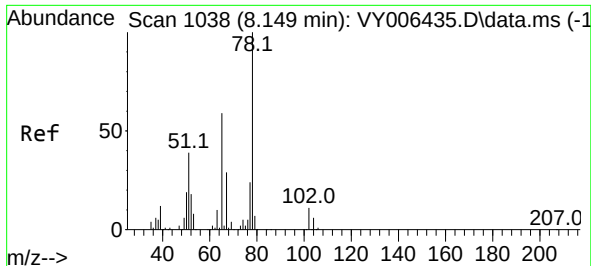


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Tgt Ion: 56 Resp: 1761

Ion	Ratio	Lower	Upper
56	100		
69	128.0	26.6	40.0#
84	101.3	65.0	97.4#

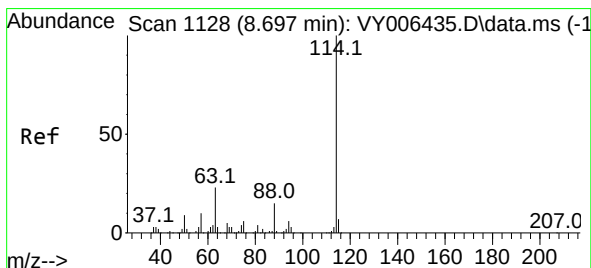
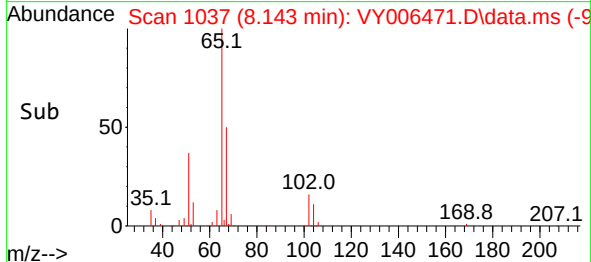
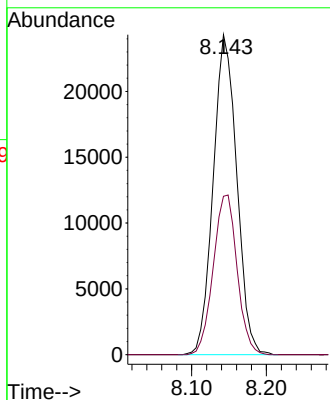
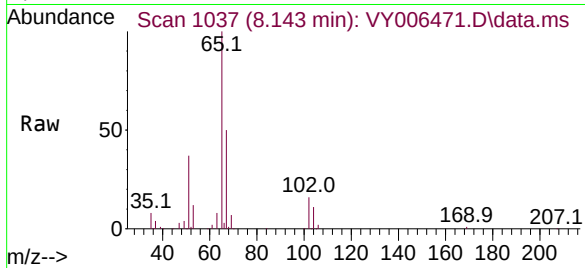




#33
1,2-Dichloroethane-d4
Concen: 58.559 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

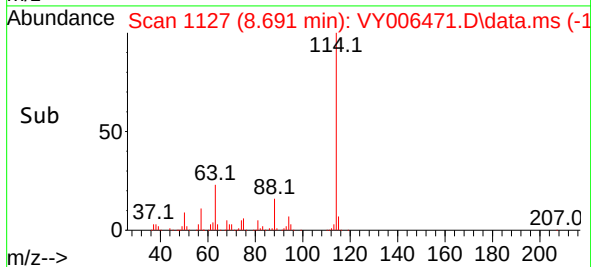
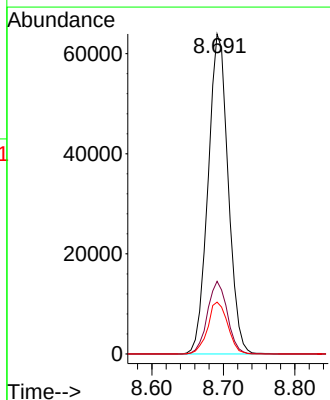
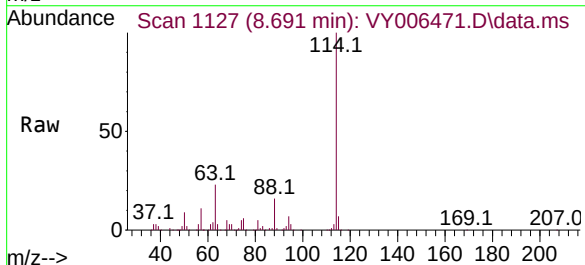
Instrument :
MSVOA_Y
ClientSampleId :

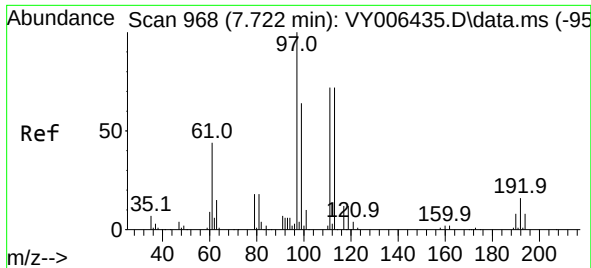
Tgt Ion: 65 Resp: 53228
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Tgt Ion: 114 Resp: 124505
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.2 0.0 30.6

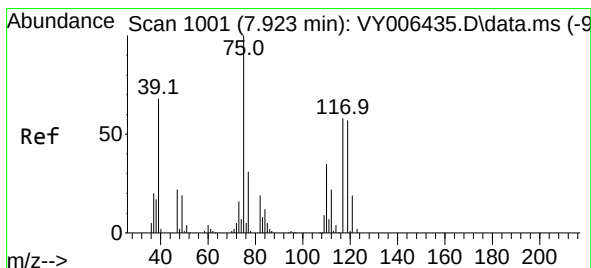
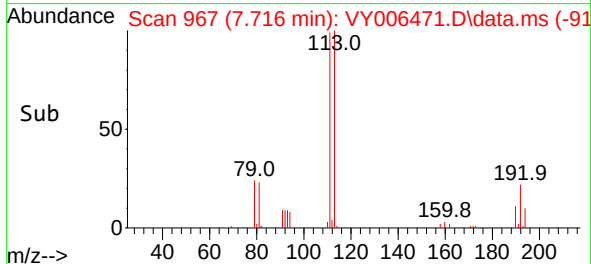
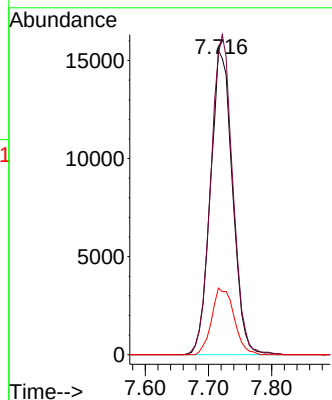
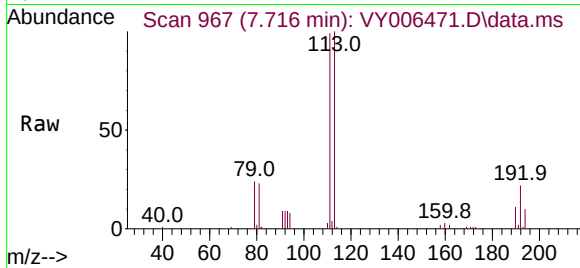




#35
Dibromofluoromethane
Concen: 54.181 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

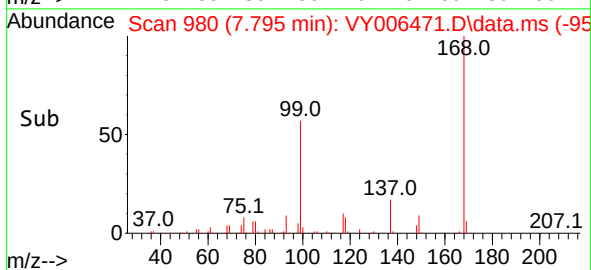
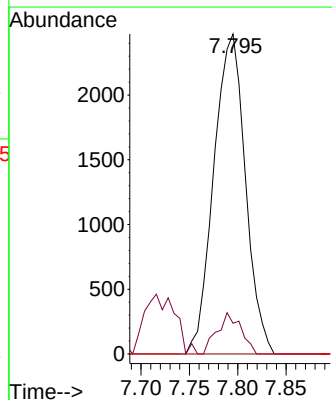
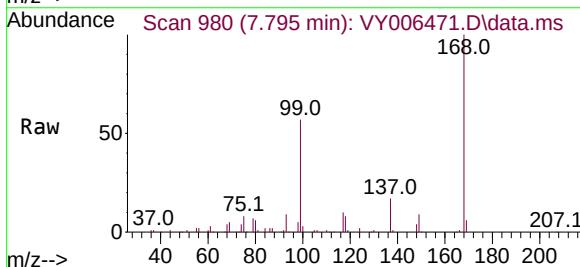
Instrument :
MSVOA_Y
ClientSampleId :

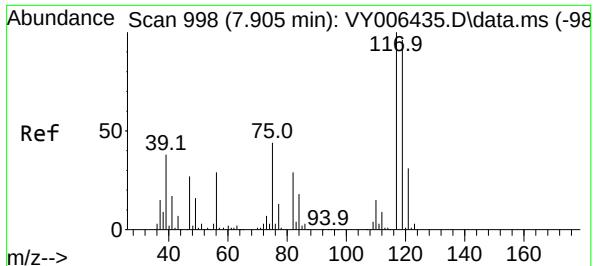
Tgt Ion:113 Resp: 37599
Ion Ratio Lower Upper
113 100
111 104.6 82.3 123.5
192 22.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.568 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

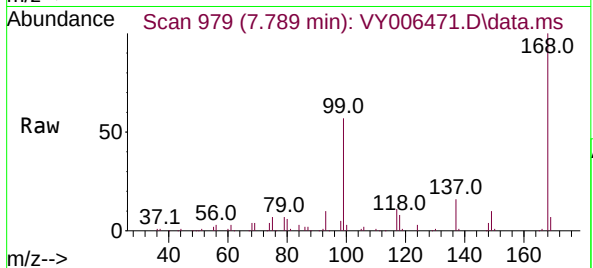
Tgt Ion: 75 Resp: 5619
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.3#
77 0.0 24.9 37.3#



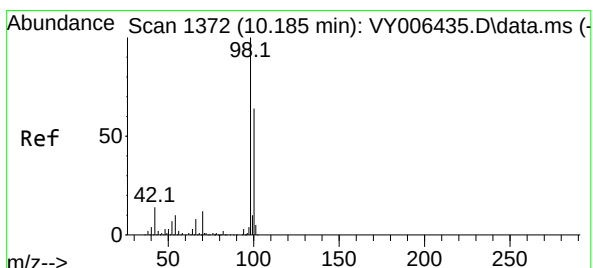
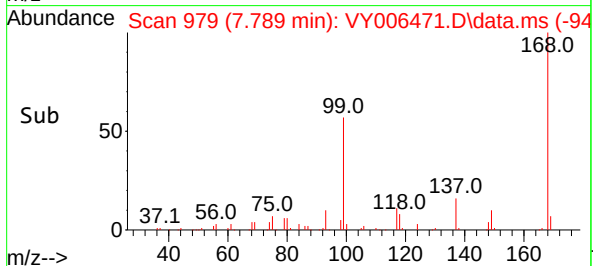
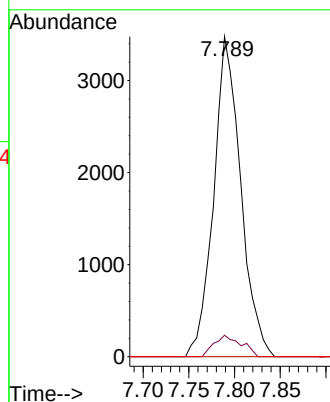


#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Instrument :
MSVOA_Y
ClientSampled :

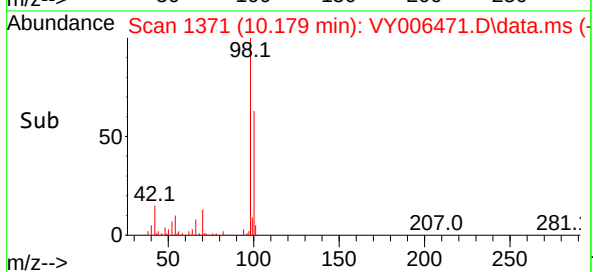
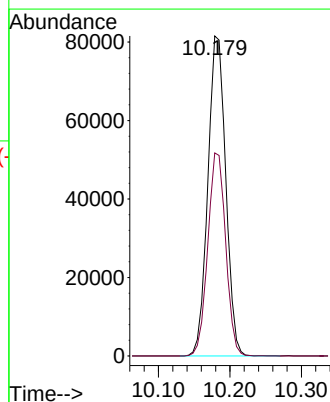
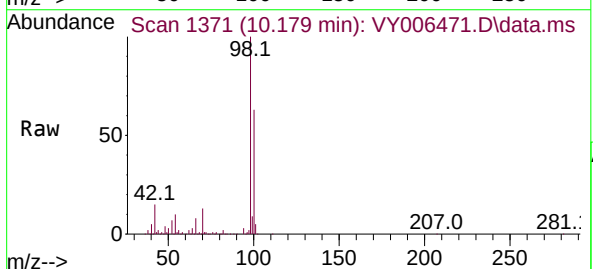


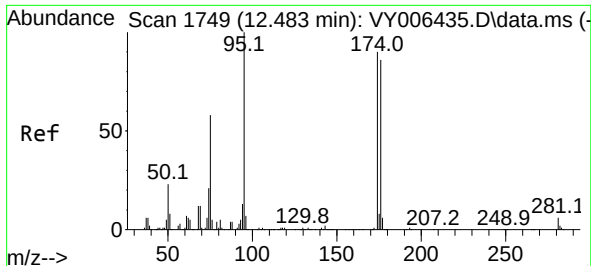
Tgt Ion:117 Resp: 7144
Ion Ratio Lower Upper
117 100
119 6.7 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Tgt Ion: 98 Resp: 141868
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

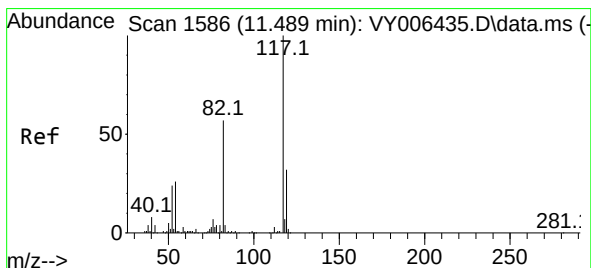
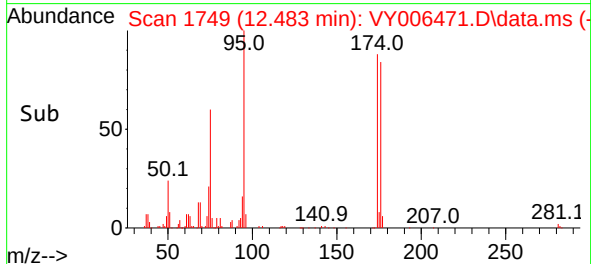
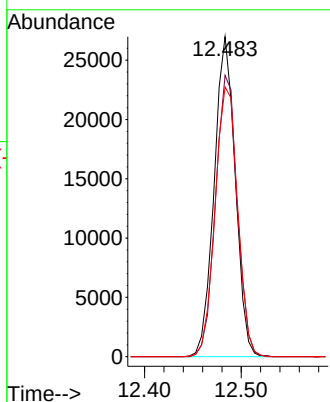
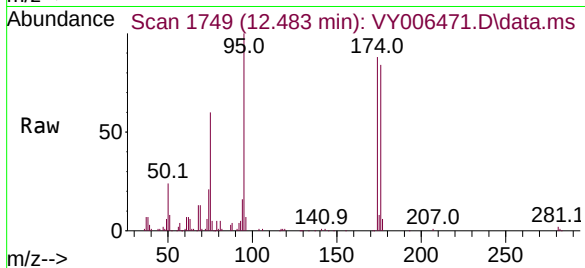




#62
4-Bromofluorobenzene
Concen: 41.205 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

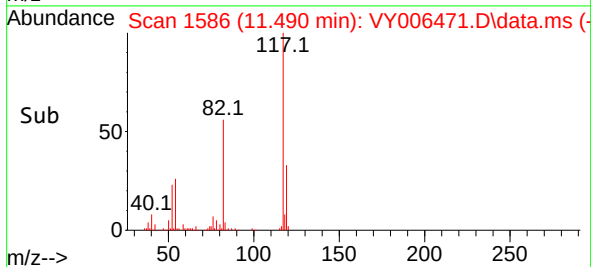
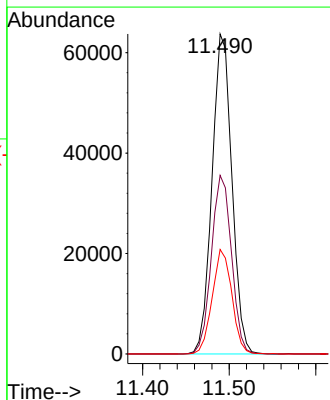
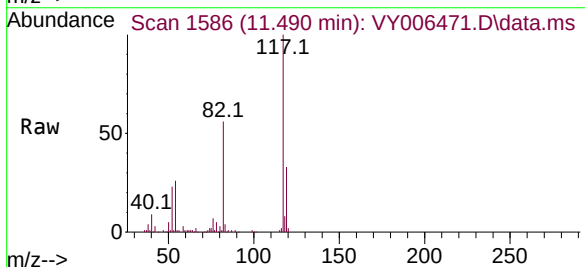
Instrument :
MSVOA_Y
ClientSampleId :

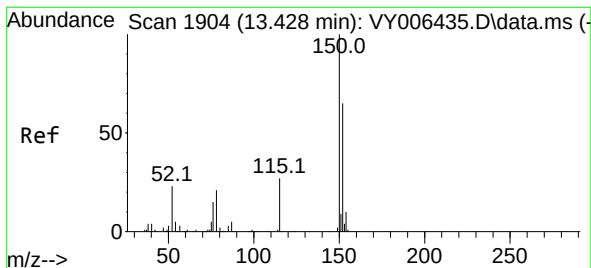
Tgt Ion: 95 Resp: 40833
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 90.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006471.D
Acq: 25 Oct 2021 17:26

Tgt Ion: 117 Resp: 101591
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 32.7 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: VY006471.D

Acq: 25 Oct 2021 17:26

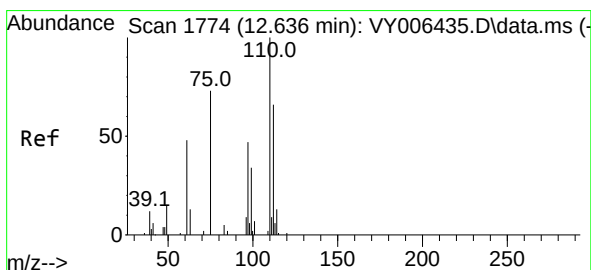
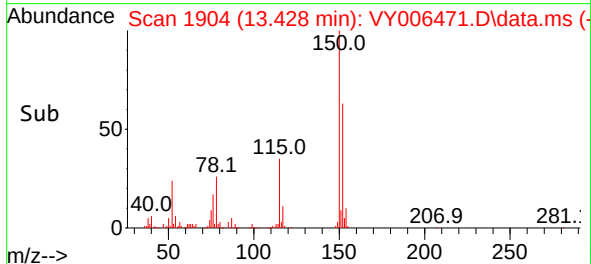
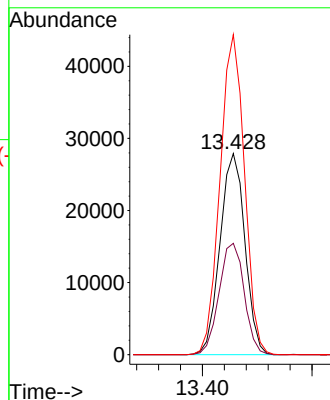
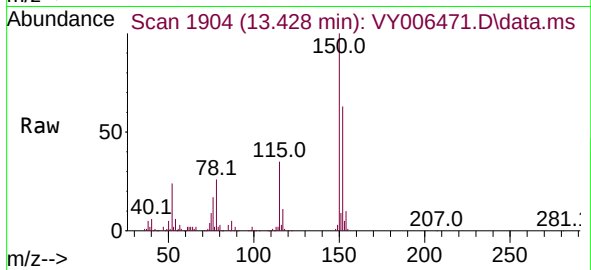
Tgt Ion:152 Resp: 44000

Ion Ratio Lower Upper

152 100

115 55.9 28.5 85.5

150 156.1 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 52.981 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006471.D

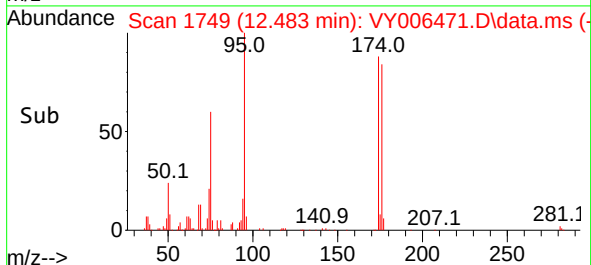
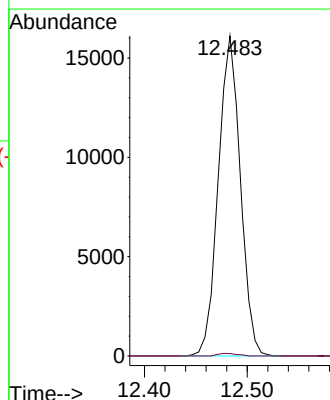
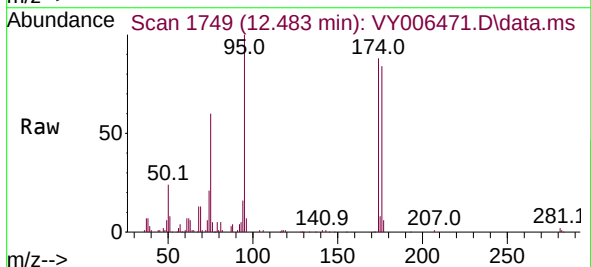
Acq: 25 Oct 2021 17:26

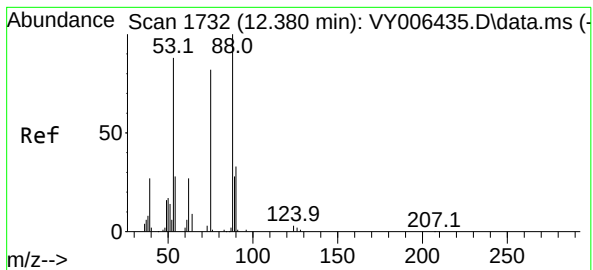
Tgt Ion: 75 Resp: 24022

Ion Ratio Lower Upper

75 100

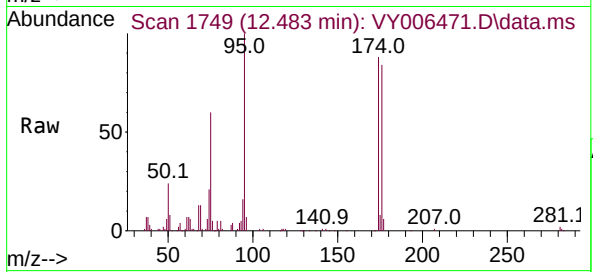
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.768 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006471.D
 Acq: 25 Oct 2021 17:26

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#

