

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007053.D
 Acq On : 07 Jan 2022 15:17
 Operator : SY/MD
 Sample : N1065-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

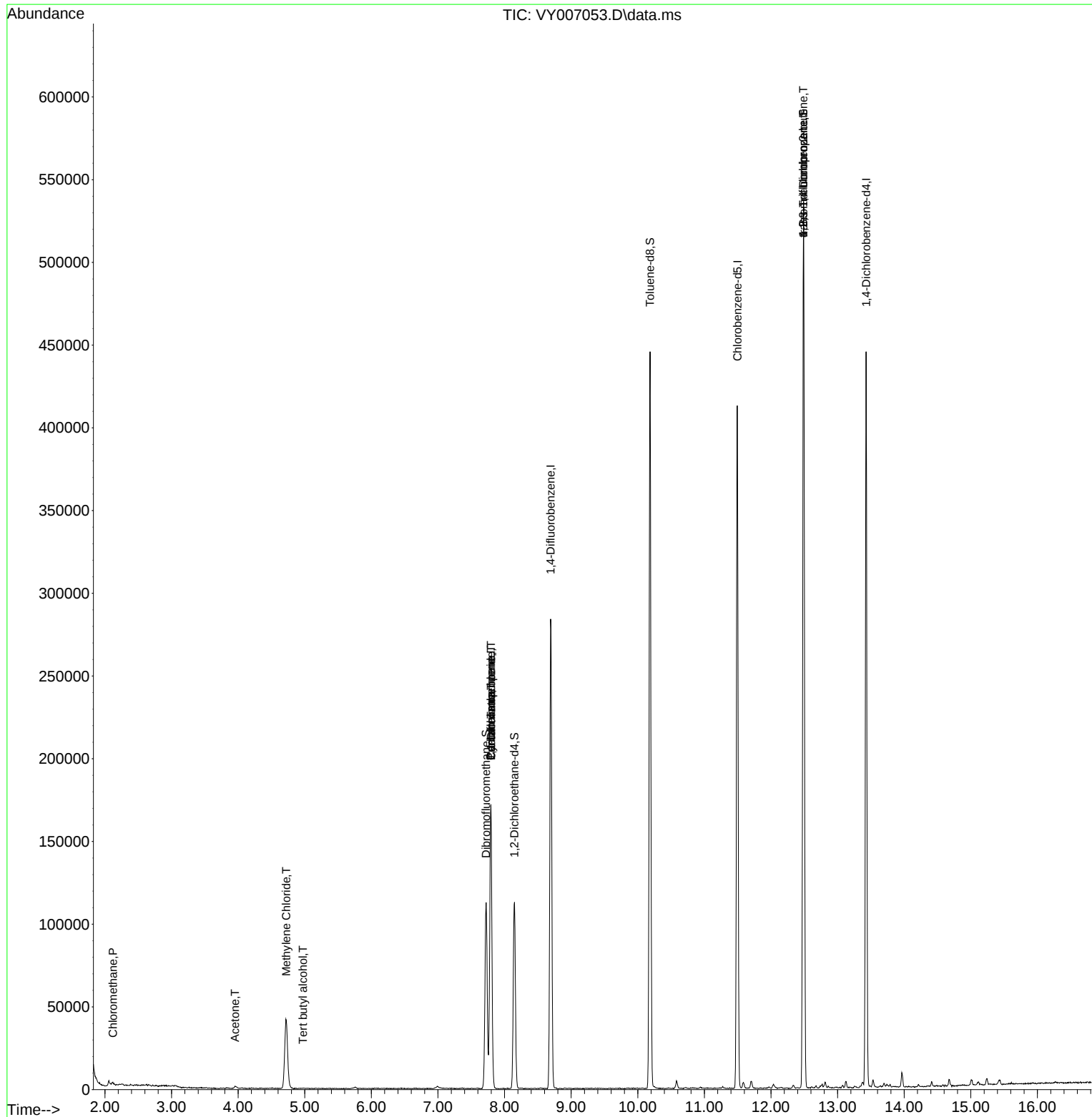
Internal Standards						
1) Pentafluorobenzene	7.795	168	128288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92258	60.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.840%	
35) Dibromofluoromethane	7.722	113	81759	51.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.185	98	300144	50.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.483	95	114344	51.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1052	1.218	ug/l	93
11) Tert butyl alcohol	4.973	59	363	2.658	ug/l #	87
16) Acetone	3.954	43	1773	5.314	ug/l #	62
20) Methylene Chloride	4.723	84	32476	5.302	ug/l	99
31) Cyclohexane	7.795	56	2877	1.016	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	10750	4.034	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13750	4.933	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	60866	45.415	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60866	82.948	ug/l #	4

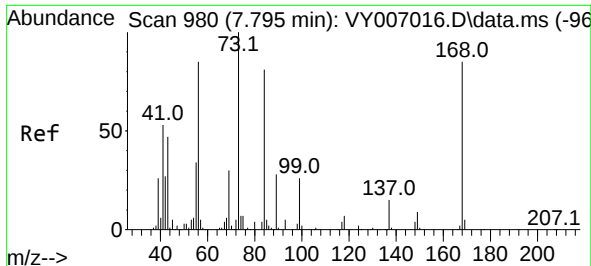
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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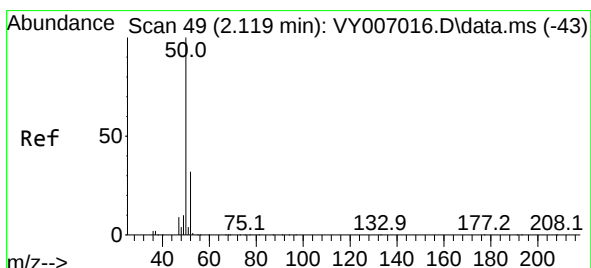
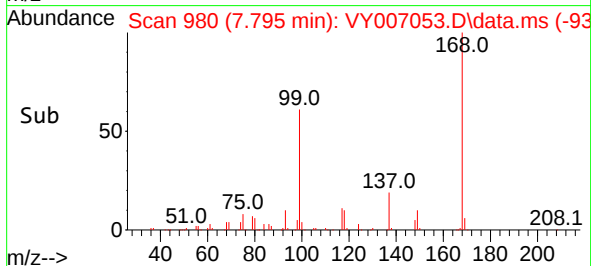
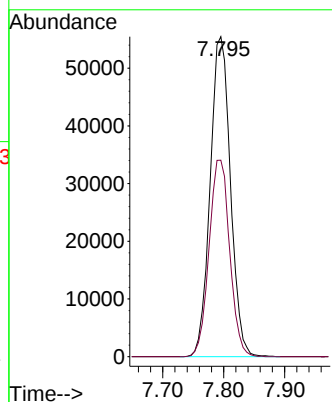
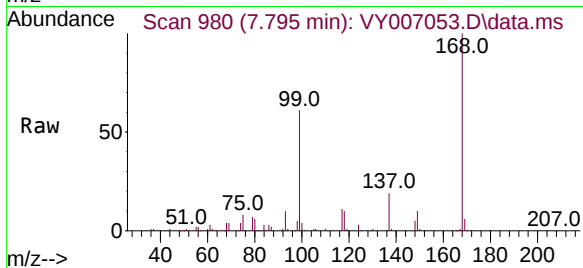




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

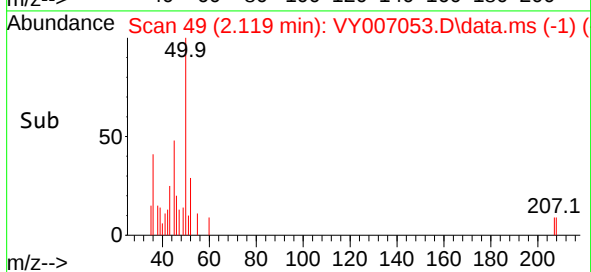
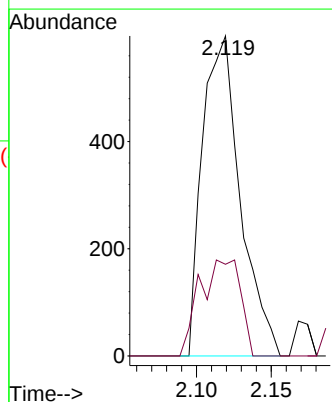
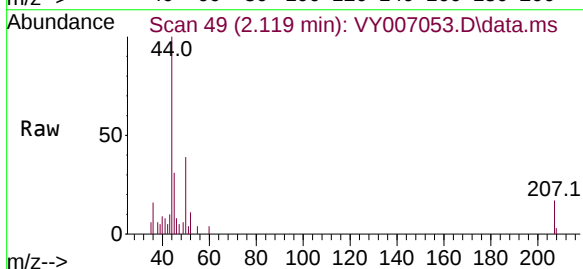
Instrument :
MSVOA_Y
ClientSampleId :

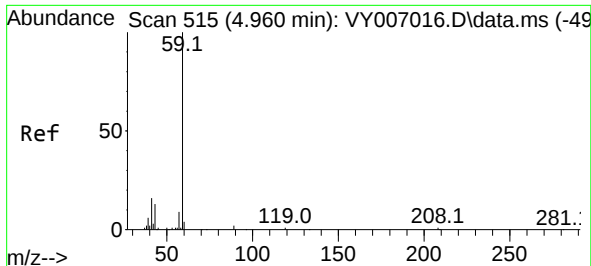
Tgt Ion:168 Resp: 128288
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#3
Chloromethane
Concen: 1.218 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

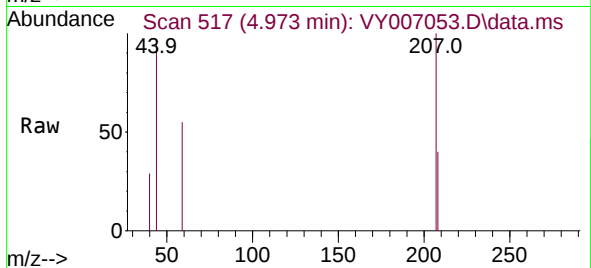
Tgt Ion: 50 Resp: 1052
Ion Ratio Lower Upper
50 100
52 28.6 25.8 38.8



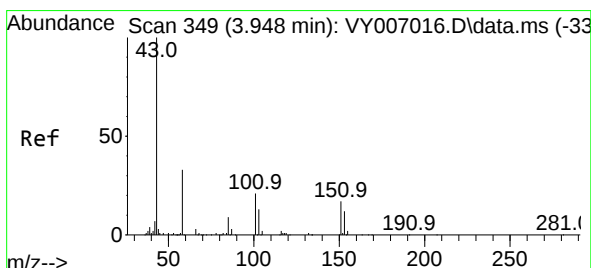
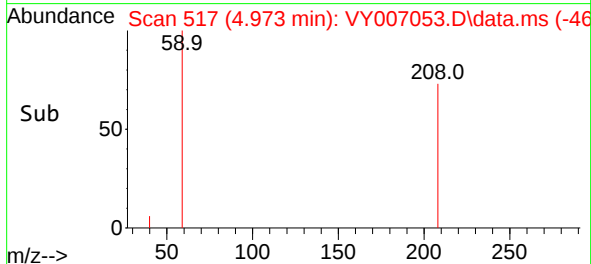
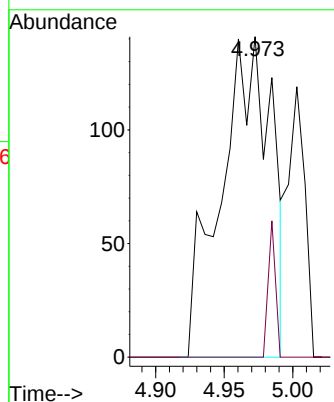


#11
Tert butyl alcohol
Concen: 2.658 ug/l
RT: 4.973 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

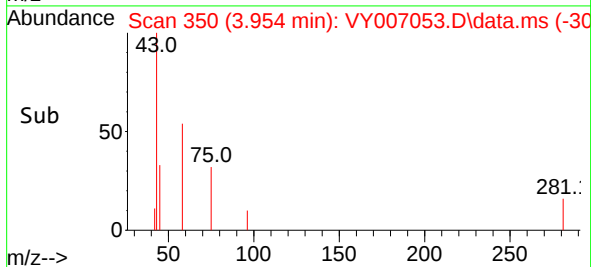
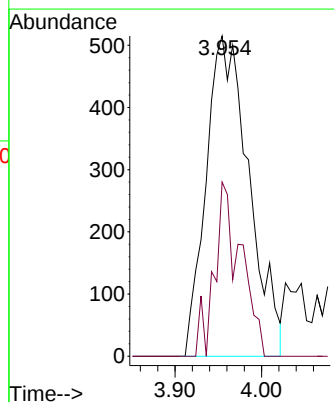
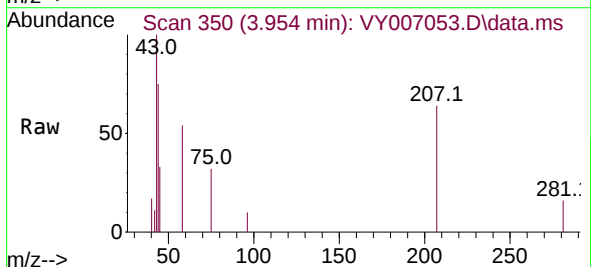


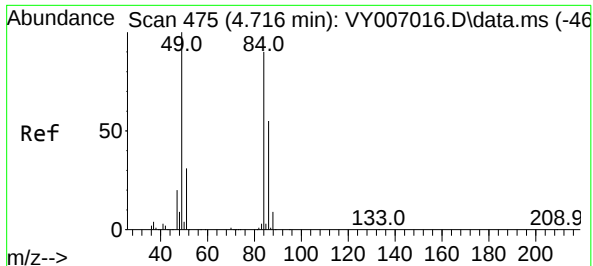
Tgt Ion: 59 Resp: 363
Ion Ratio Lower Upper
59 100
57 6.1 8.9 13.3#



#16
Acetone
Concen: 5.314 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

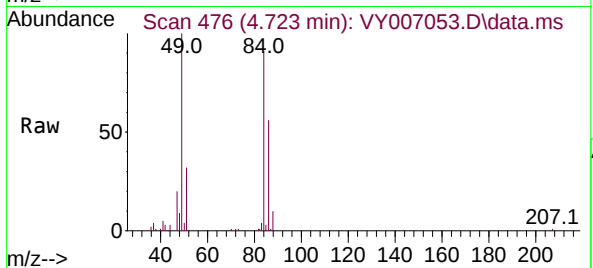
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 54.4 26.3 39.5#



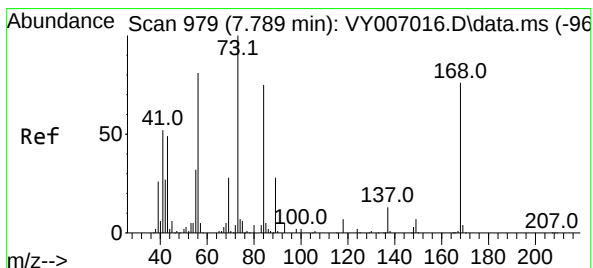
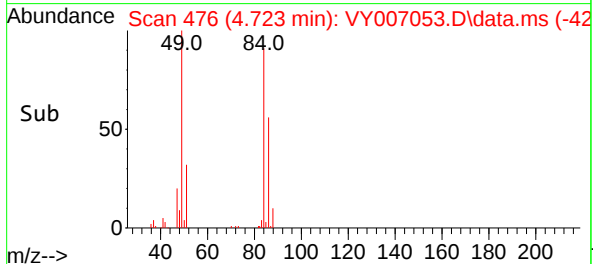
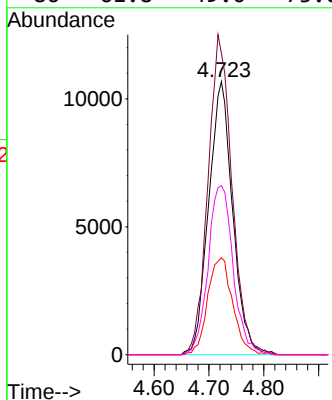


#20
Methylene Chloride
Concen: 5.302 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

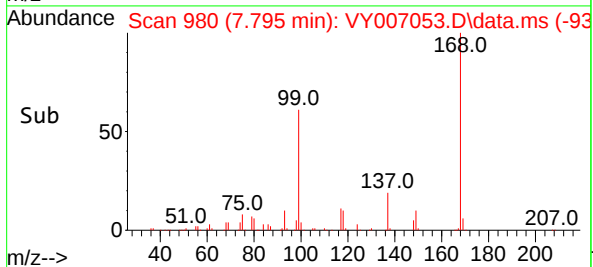
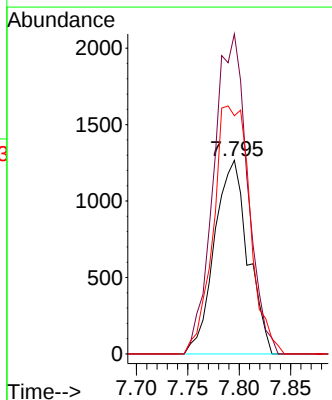
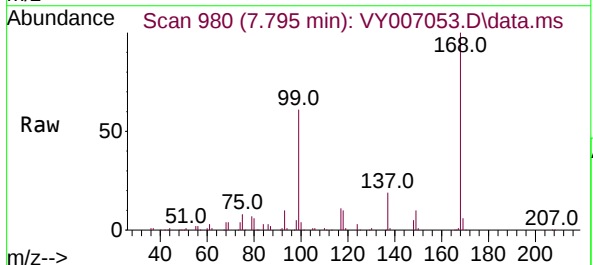


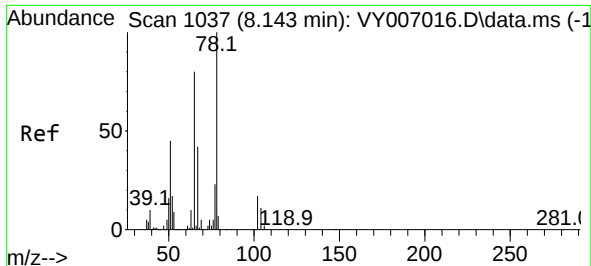
Tgt Ion: 84	Resp: 32476
Ion Ratio	Lower Upper
84 100	
49 110.3	89.4 134.0
51 35.5	27.7 41.5
86 61.8	49.0 73.6



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

Tgt Ion: 56	Resp: 2877		
Ion Ratio	Lower	Upper	
56	100		
69	165.3	27.8	41.6#
84	123.1	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 60.923 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007053.D

Acq: 07 Jan 2022 15:17

Instrument :

MSVOA_Y

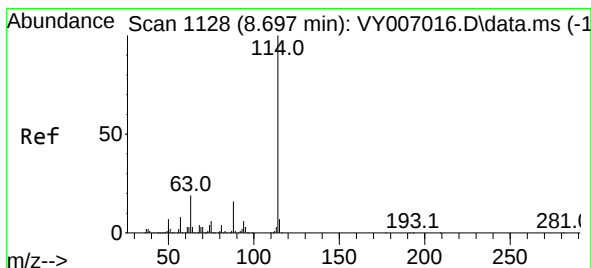
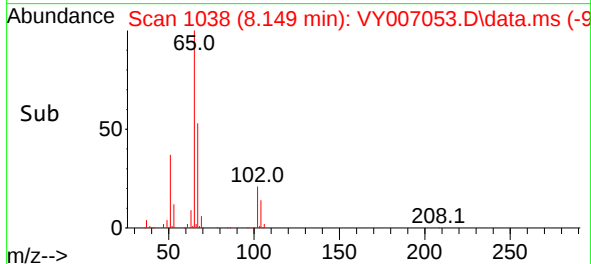
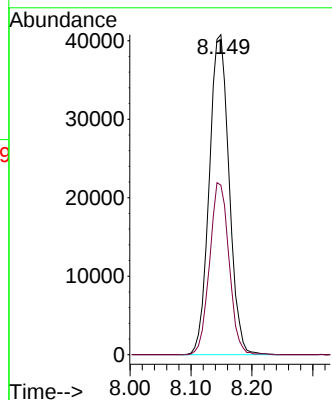
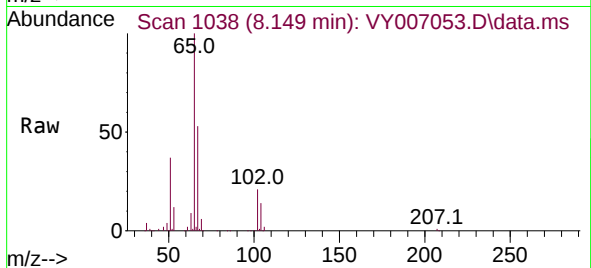
ClientSampleId :

Tgt Ion: 65 Resp: 92258

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007053.D

Acq: 07 Jan 2022 15:17

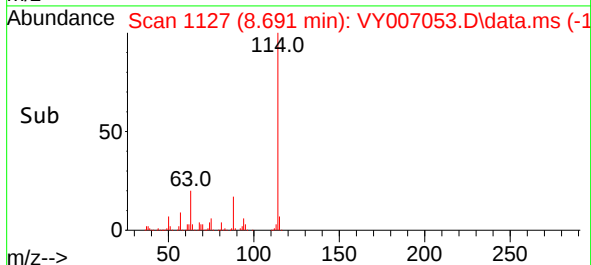
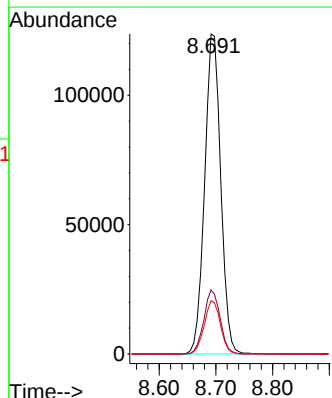
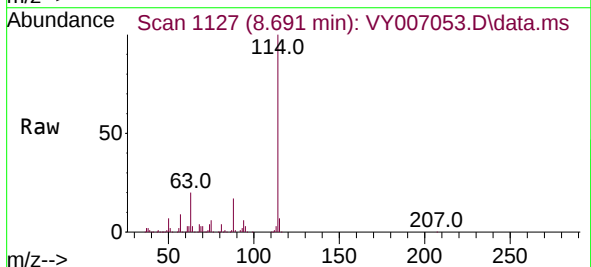
Tgt Ion: 114 Resp: 243240

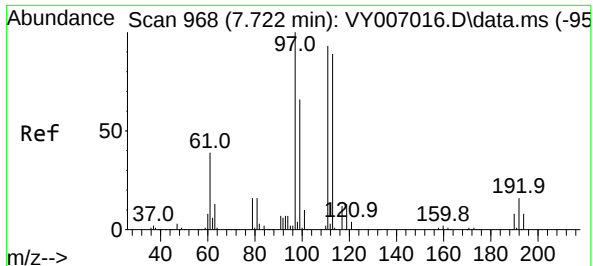
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 16.7 0.0 31.8

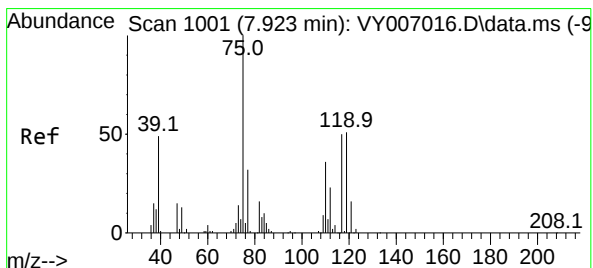
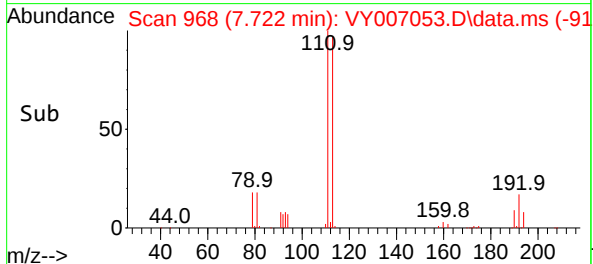
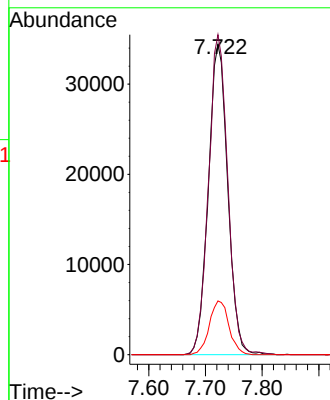
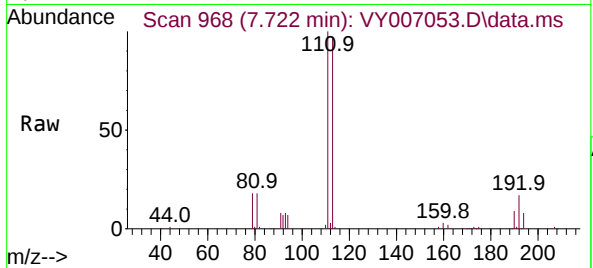




#35
Dibromofluoromethane
Concen: 51.134 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

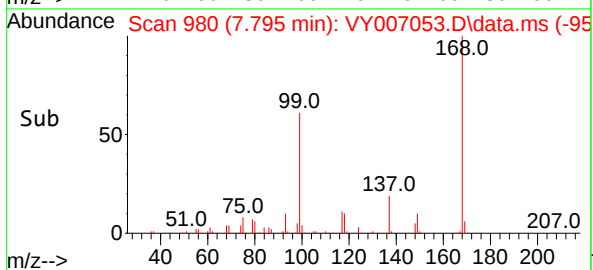
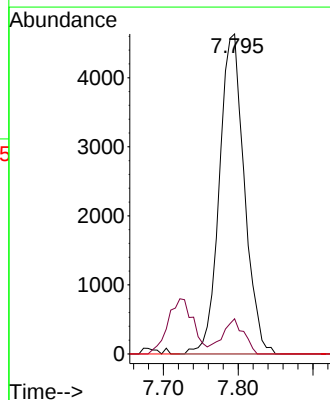
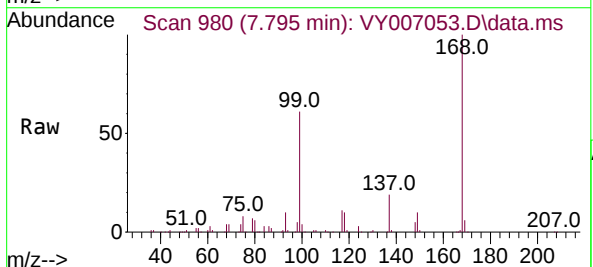
Instrument :
MSVOA_Y
ClientSampleId :

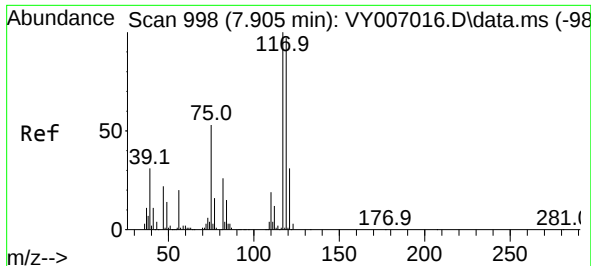
Tgt Ion:113 Resp: 81759
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 17.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.034 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

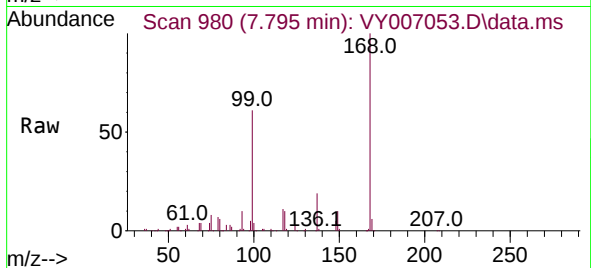
Tgt Ion: 75 Resp: 10750
Ion Ratio Lower Upper
75 100
110 9.5 18.0 54.0#
77 0.0 25.4 38.2#



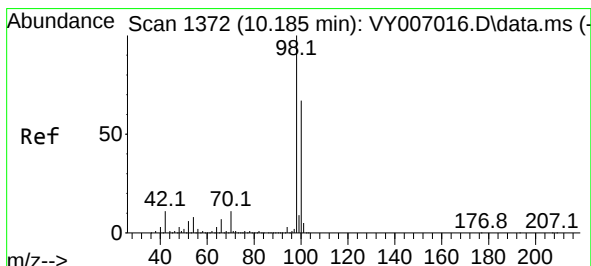
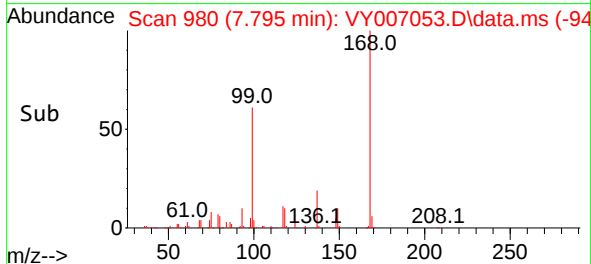
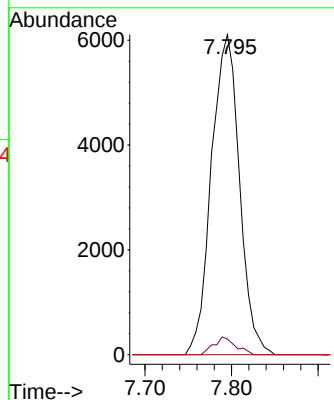


#38
Carbon Tetrachloride
Concen: 4.933 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

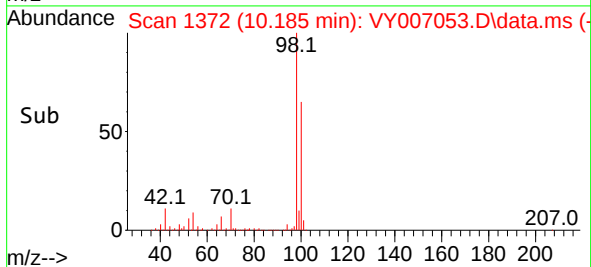
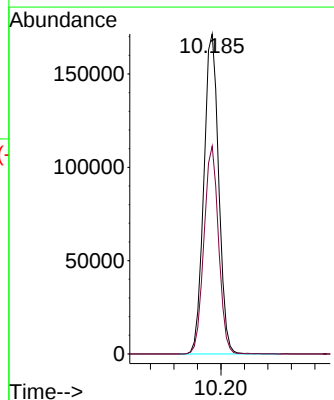
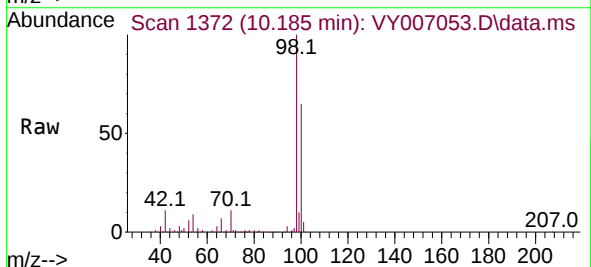


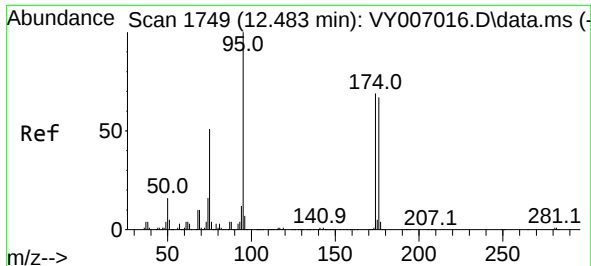
Tgt Ion:117 Resp: 13750
Ion Ratio Lower Upper
117 100
119 4.9 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.523 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

Tgt Ion: 98 Resp: 300144
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2

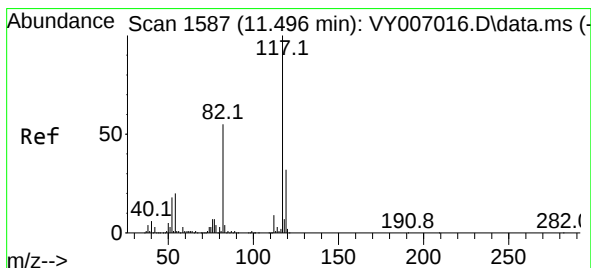
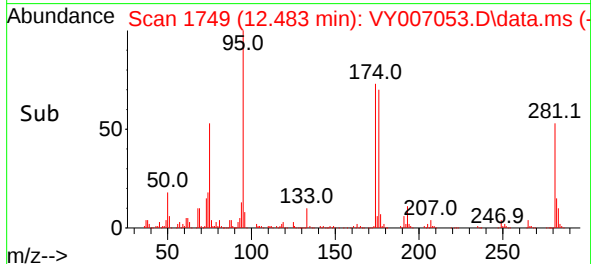
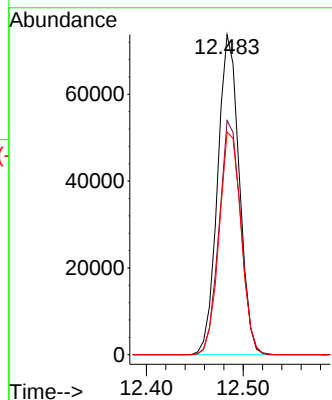
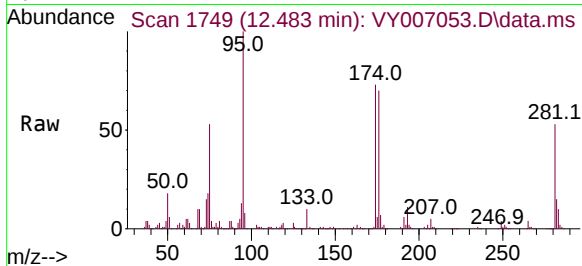




#62
4-Bromofluorobenzene
Concen: 51.107 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

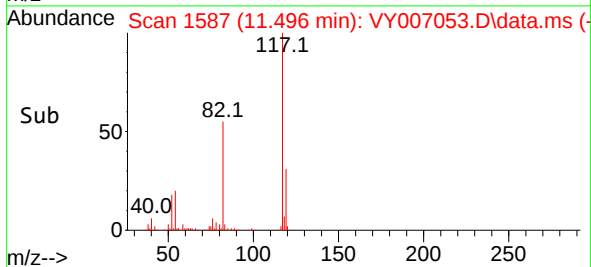
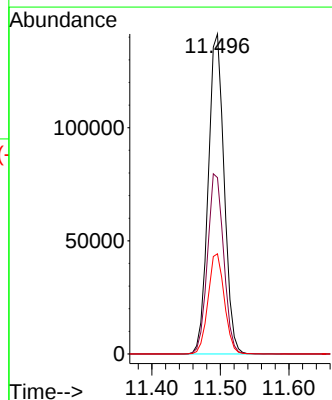
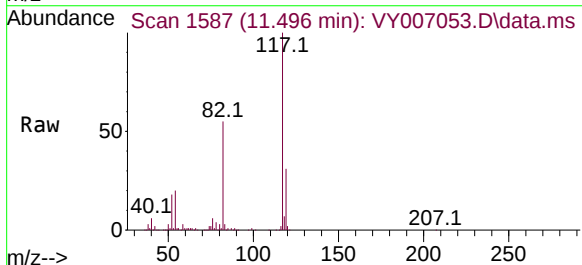
Instrument :
MSVOA_Y
ClientSampleId :

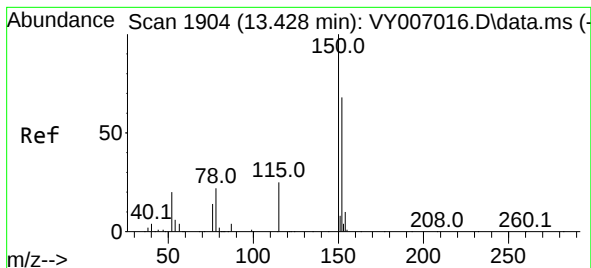
Tgt Ion: 95 Resp: 114344
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.6
176 70.8 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007053.D
Acq: 07 Jan 2022 15:17

Tgt Ion: 117 Resp: 228527
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 31.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007053.D

Acq: 07 Jan 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

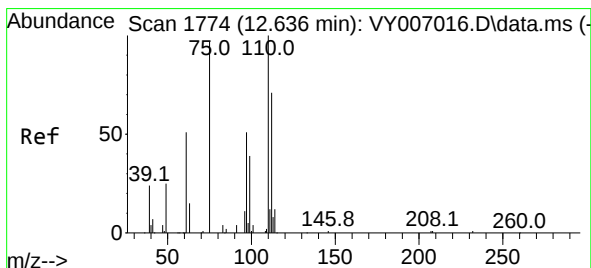
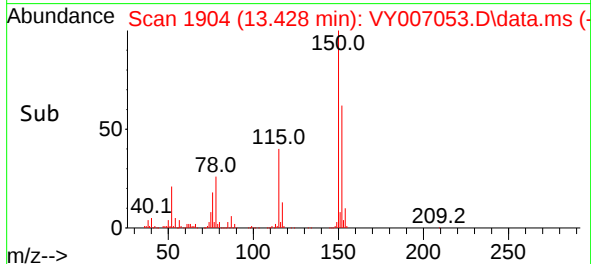
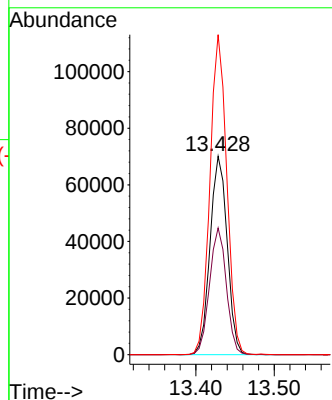
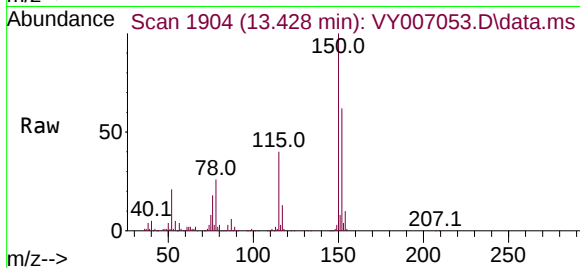
Tgt Ion:152 Resp: 106400

Ion Ratio Lower Upper

152 100

115 62.7 31.9 95.5

150 158.4 0.0 358.0



#76

1,2,3-Trichloropropane

Concen: 45.415 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007053.D

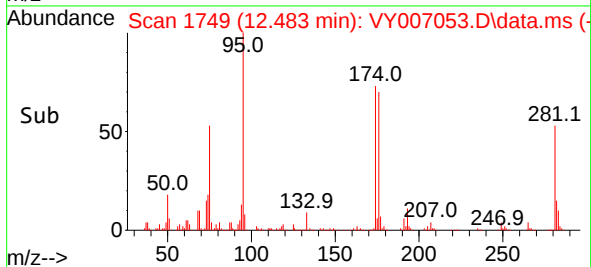
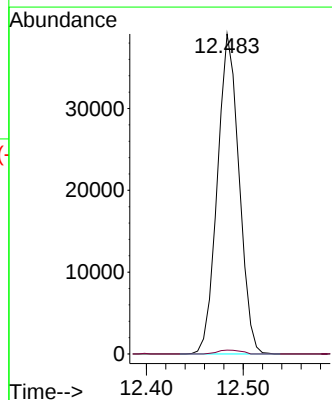
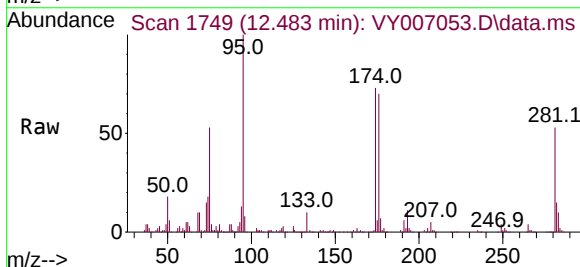
Acq: 07 Jan 2022 15:17

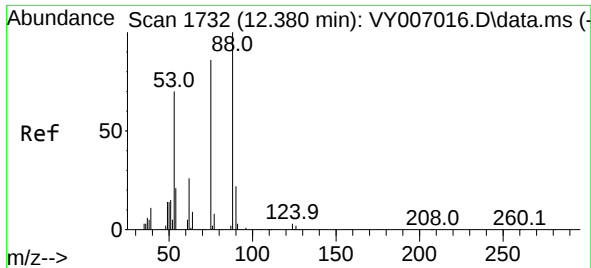
Tgt Ion: 75 Resp: 60866

Ion Ratio Lower Upper

75 100

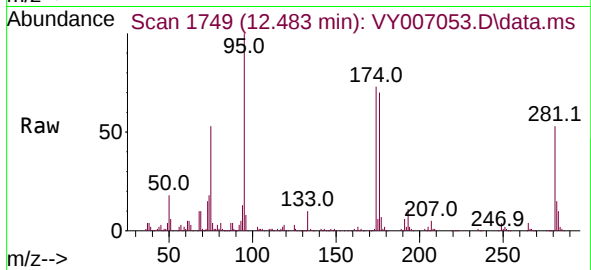
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.948 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007053.D
 Acq: 07 Jan 2022 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60866
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.4#
 89 1.8 0.0 0.0#

