

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008083.D
 Acq On : 29 Mar 2022 13:22
 Operator : SY/MD
 Sample : N2140-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 03:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

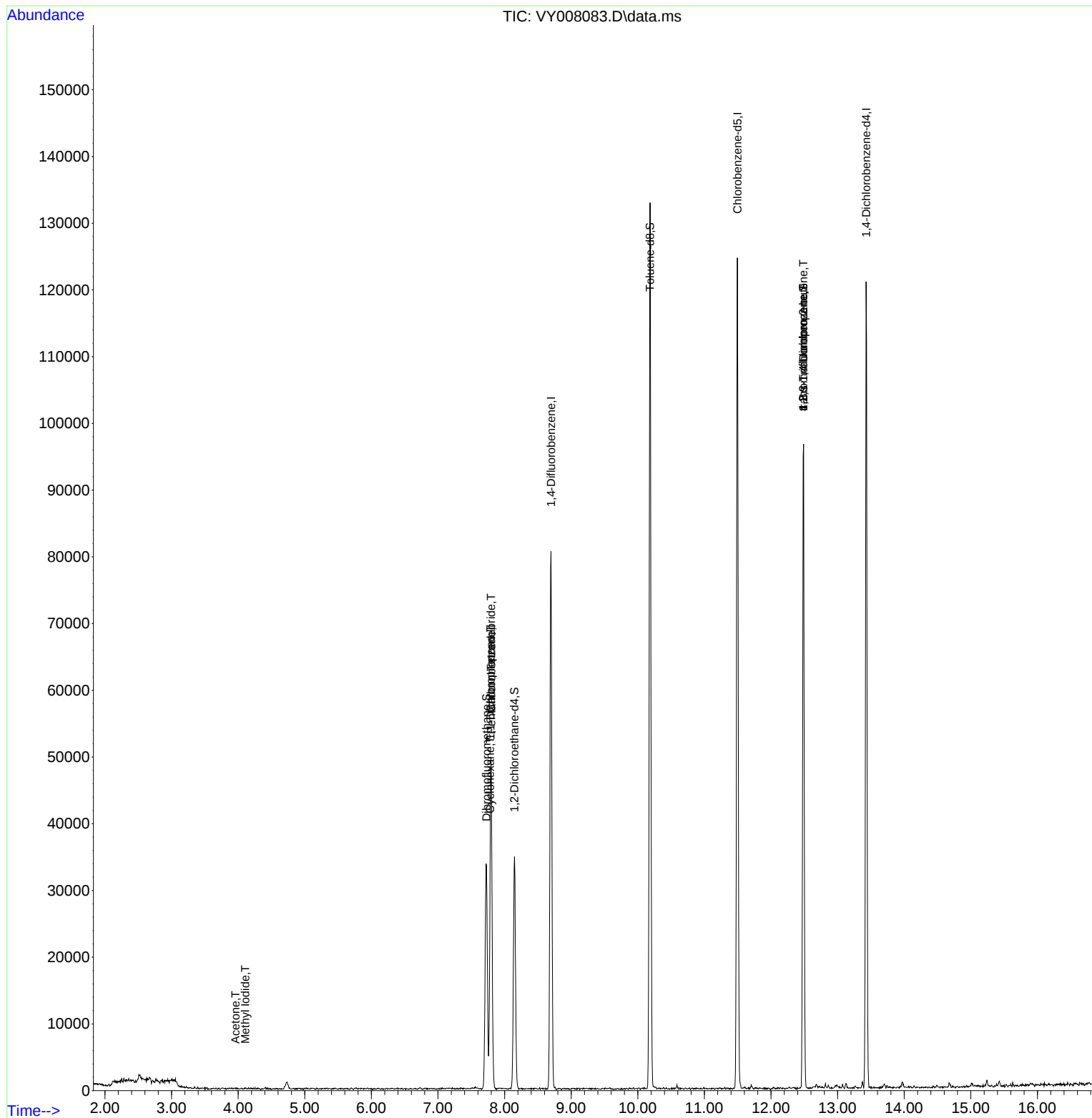
Internal Standards						
1) Pentafluorobenzene	7.801	168	39279	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	72901	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	72183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	26785	67.967	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.940%	
35) Dibromofluoromethane	7.728	113	24560	53.734	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.460%	
50) Toluene-d8	10.185	98	87630	50.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.483	95	31400	51.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.360%	
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	168	2.006	ug/l #	35
16) Acetone	3.960	43	234	2.598	ug/l #	47
18) Methyl Acetate	4.405	43	20	Below Cal	#	56
20) Methylene Chloride	4.735	84	796	Below Cal	#	59
31) Cyclohexane	7.783	56	785	1.066	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	2877	4.007	ug/l #	51
38) Carbon Tetrachloride	7.795	117	4032	5.153	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	16171	43.416	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16171	96.868	ug/l #	7

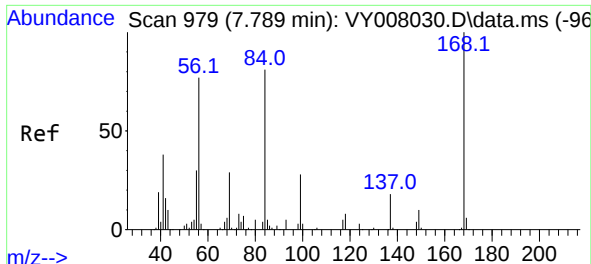
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
Data File : VY008083.D
Acq On : 29 Mar 2022 13:22
Operator : SY/MD
Sample : N2140-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

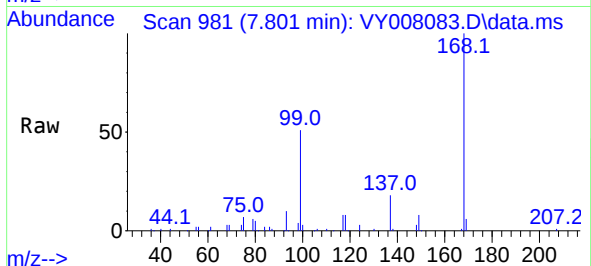
Quant Time: Mar 30 03:59:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



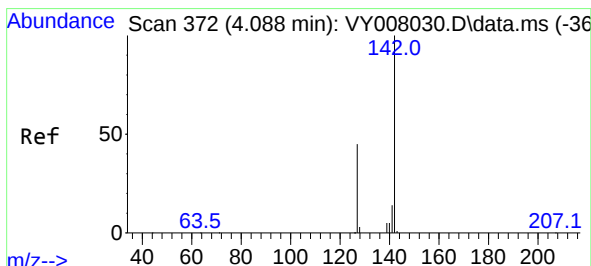
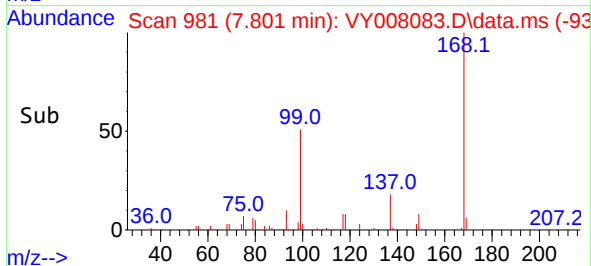
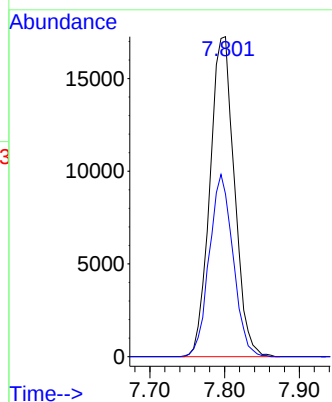


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

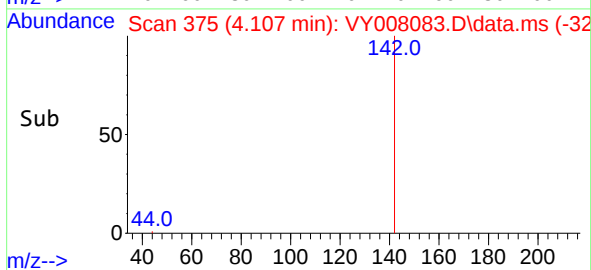
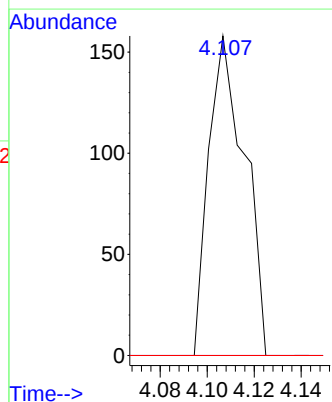
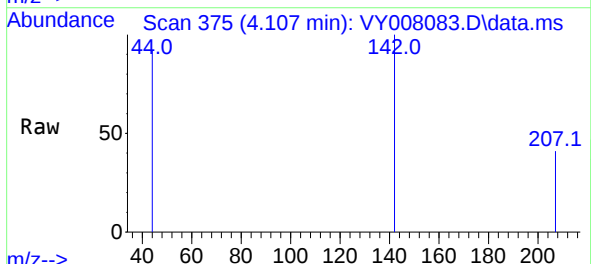


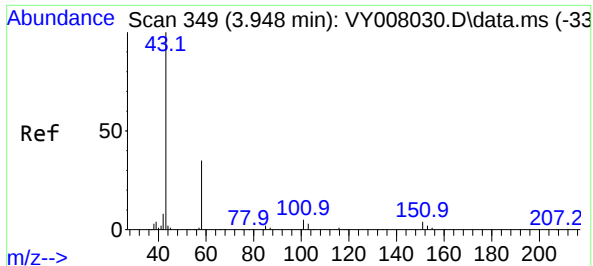
Tgt Ion:168 Resp: 39279
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#10
Methyl Iodide
Concen: 2.006 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#16

Acetone

Concen: 2.598 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY008083.D

Acq: 29 Mar 2022 13:22

Instrument :

MSVOA_Y

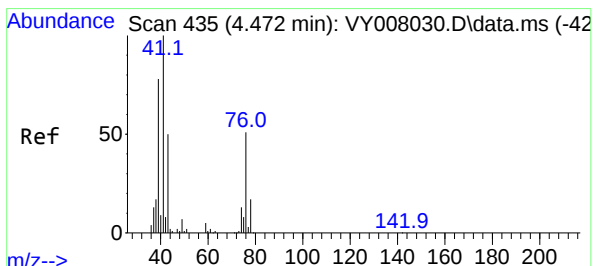
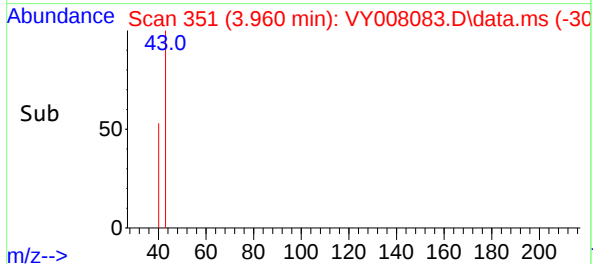
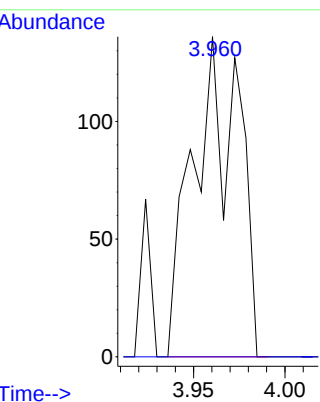
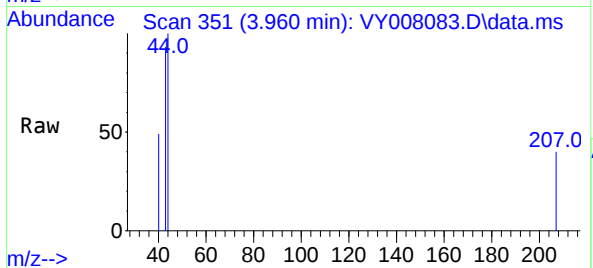
ClientSampleId :

Tgt Ion: 43 Resp: 234

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.405 min Scan# 424

Delta R.T. -0.067 min

Lab File: VY008083.D

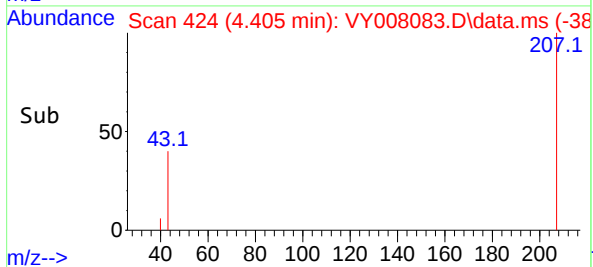
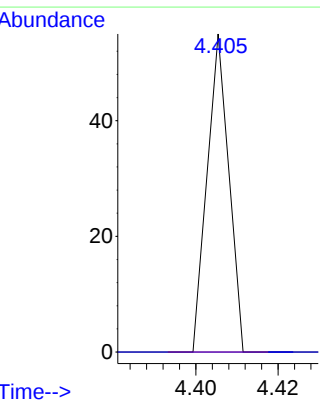
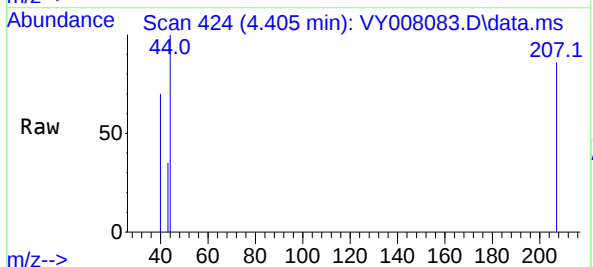
Acq: 29 Mar 2022 13:22

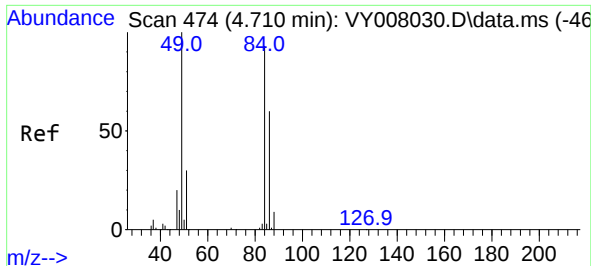
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

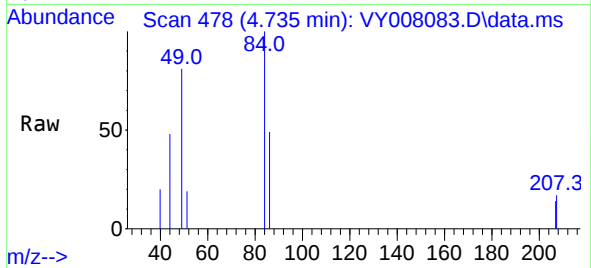
74 0.0 16.6 24.8#





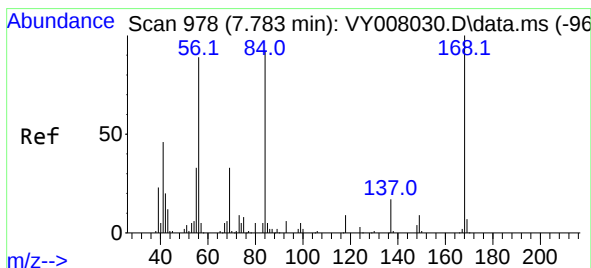
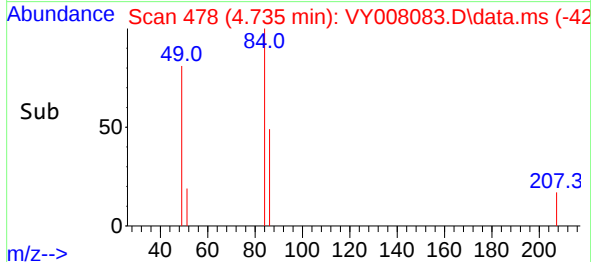
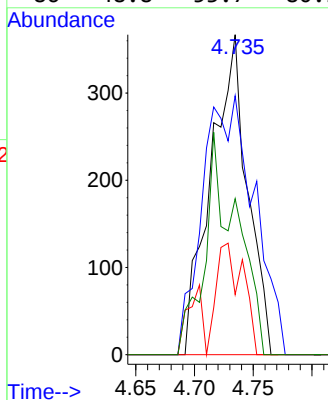
#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 796

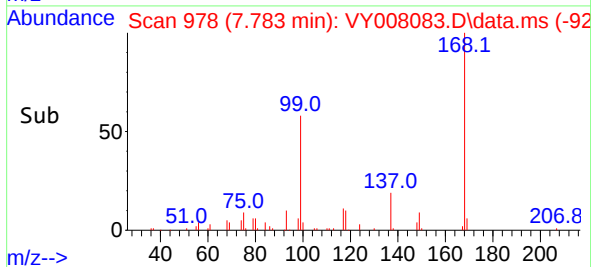
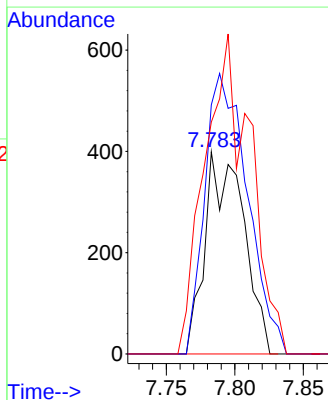
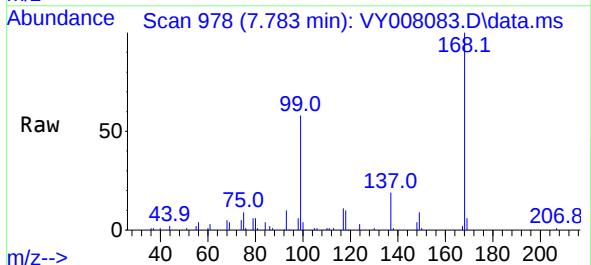
Ion	Ratio	Lower	Upper
84	100		
49	80.9	114.4	171.6#
51	18.8	35.3	52.9#
86	48.8	53.7	80.5#

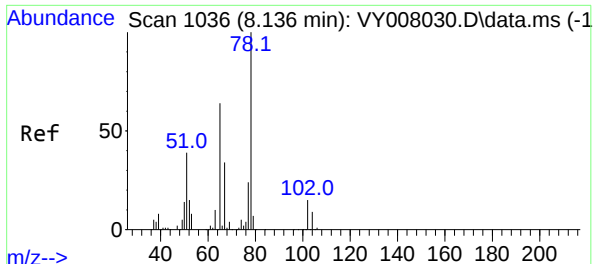


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Tgt Ion: 56 Resp: 785

Ion	Ratio	Lower	Upper
56	100		
69	123.3	26.7	40.1#
84	114.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.967 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY008083.D

Acq: 29 Mar 2022 13:22

Instrument :

MSVOA_Y

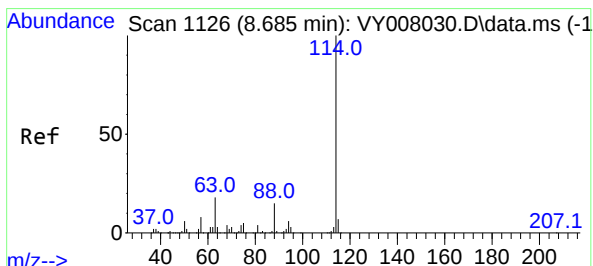
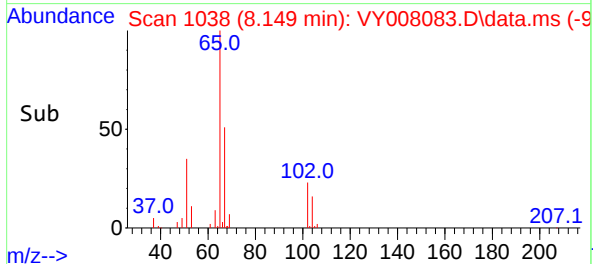
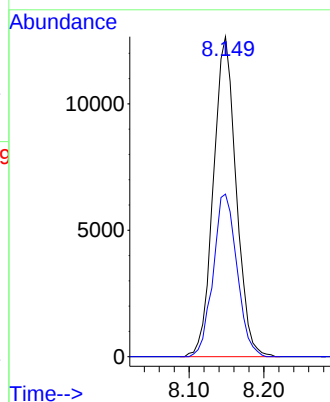
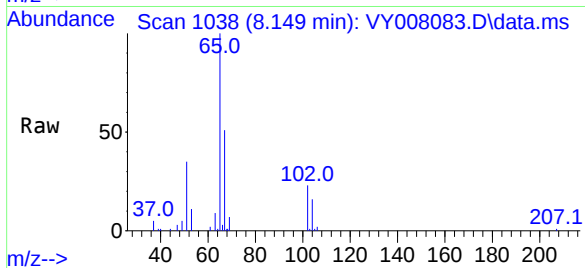
ClientSampleId :

Tgt Ion: 65 Resp: 26785

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY008083.D

Acq: 29 Mar 2022 13:22

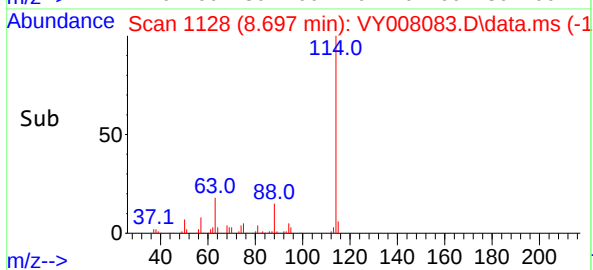
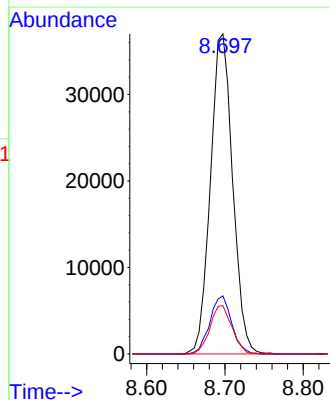
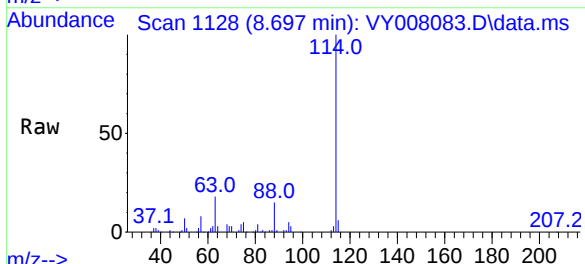
Tgt Ion: 114 Resp: 72901

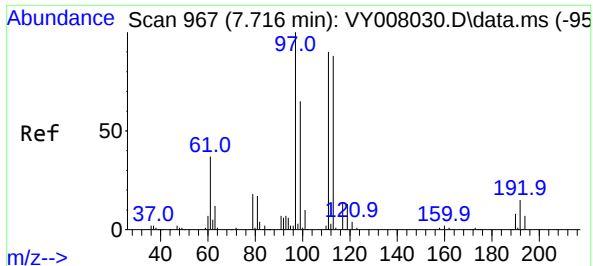
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.1 0.0 31.8

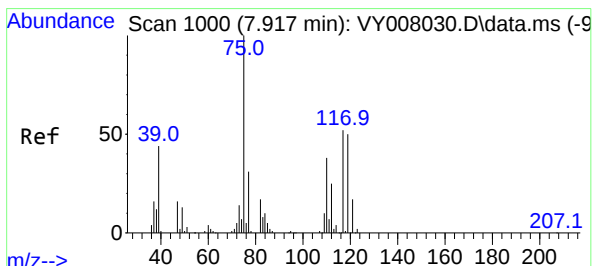
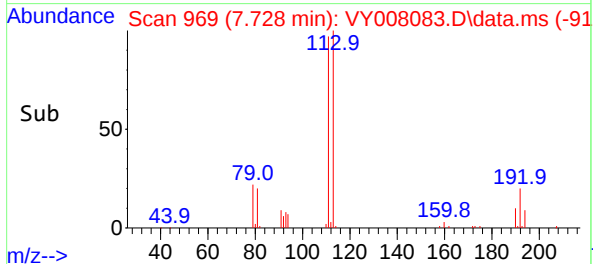
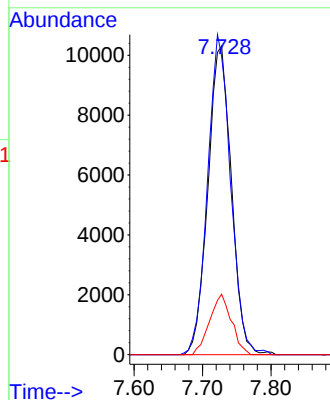
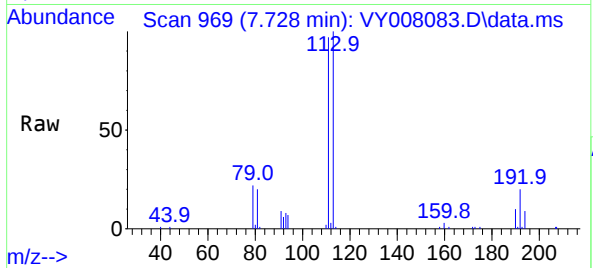




#35
Dibromofluoromethane
Concen: 53.734 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

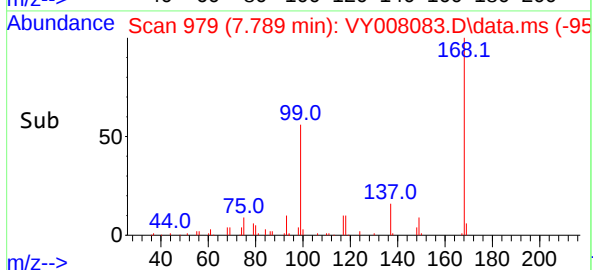
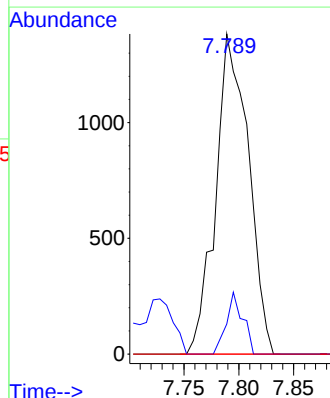
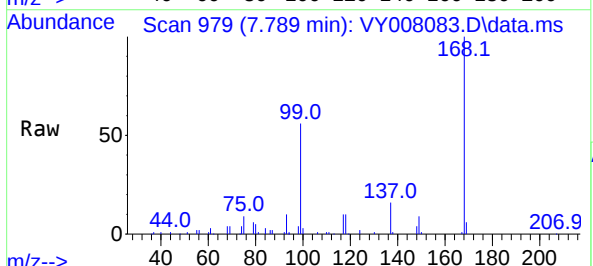
Instrument :
MSVOA_Y
ClientSampleId :

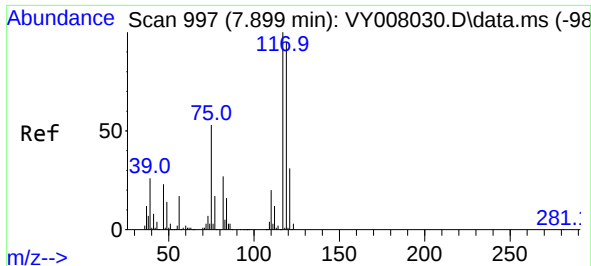
Tgt Ion:113 Resp: 24560
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.007 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

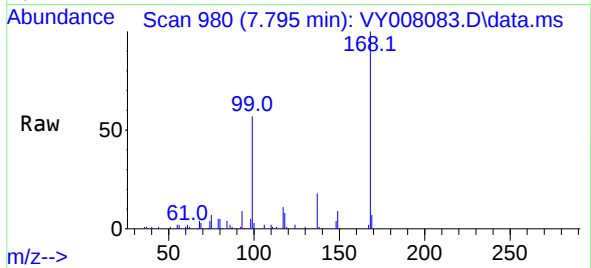
Tgt Ion: 75 Resp: 2877
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



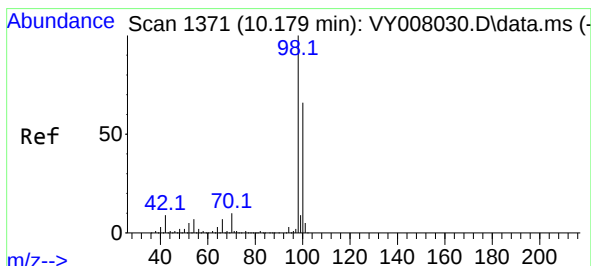
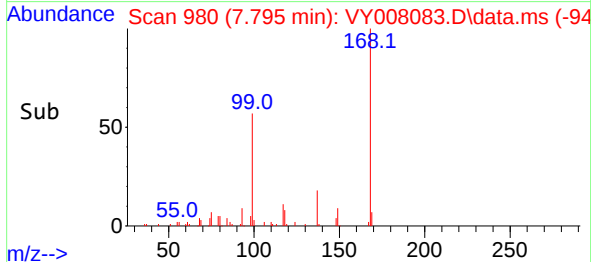
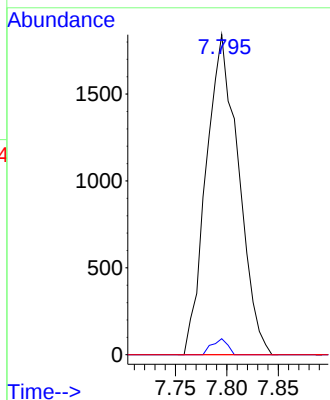


#38
Carbon Tetrachloride
Concen: 5.153 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

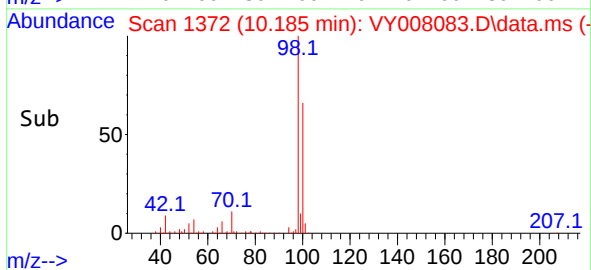
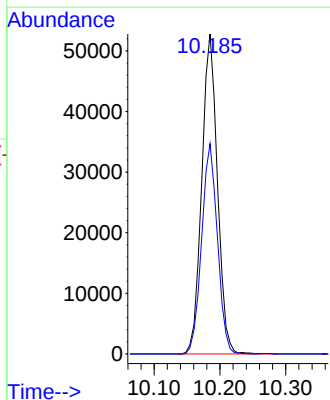
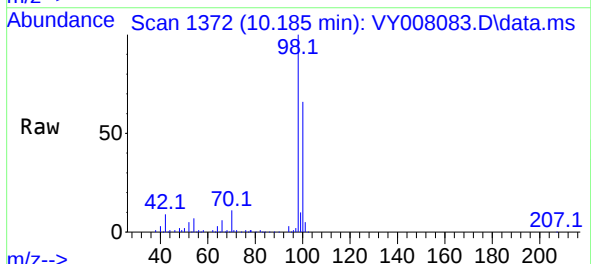


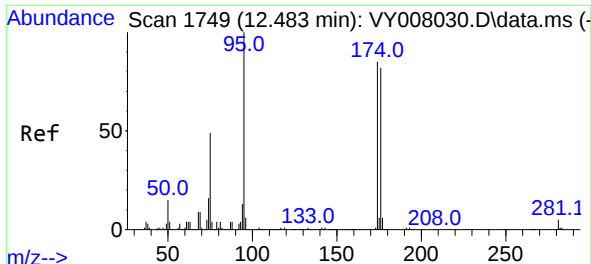
Tgt Ion:117 Resp: 4032
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Tgt Ion: 98 Resp: 87630
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

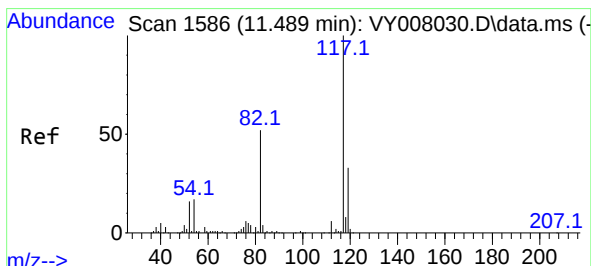
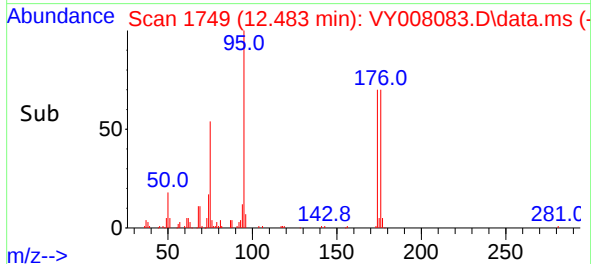
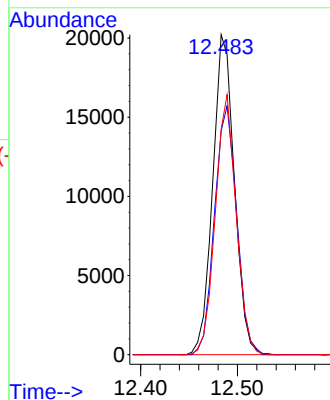
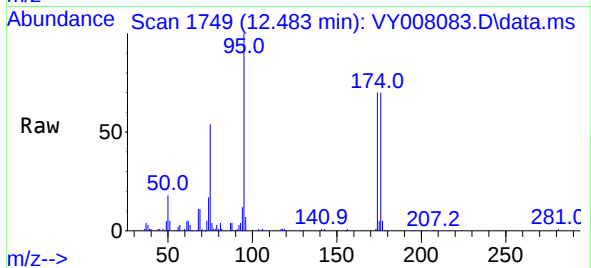




#62
4-Bromofluorobenzene
Concen: 51.685 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

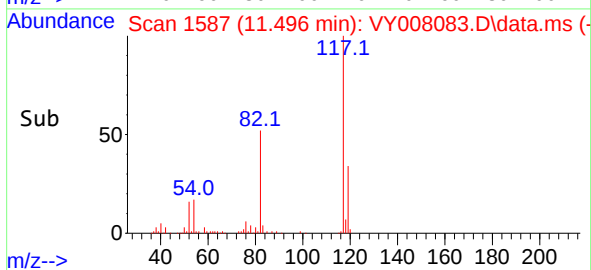
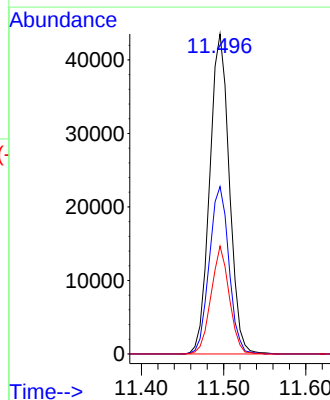
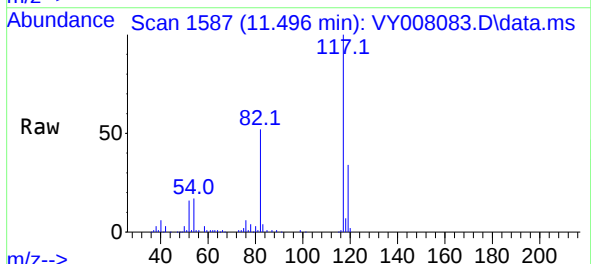
Instrument :
MSVOA_Y
ClientSampleId :

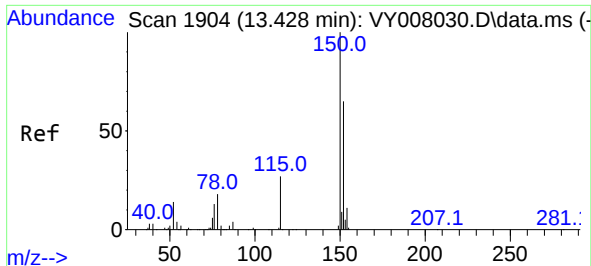
Tgt Ion: 95 Resp: 31400
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 78.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Tgt Ion: 117 Resp: 72183
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 33.7 25.4 38.0

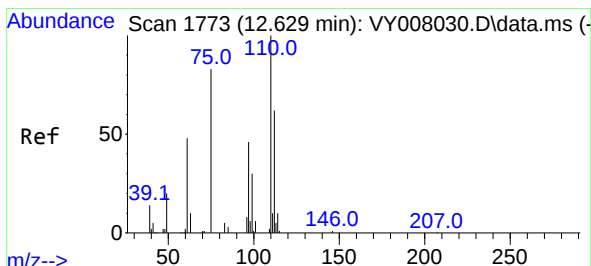
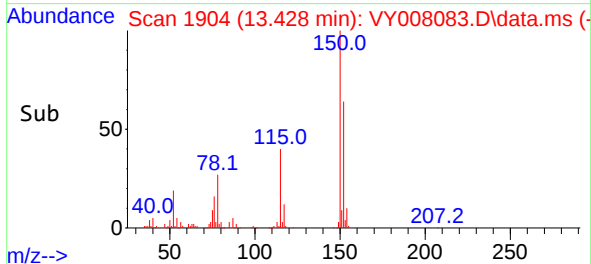
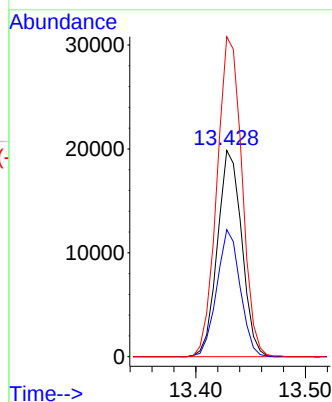
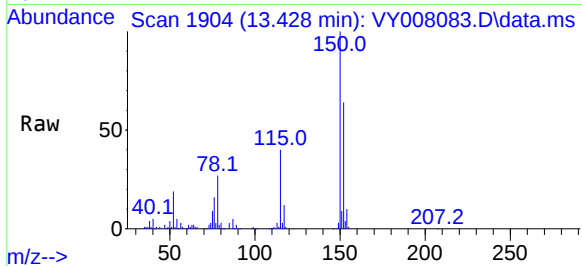




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008083.D
 Acq: 29 Mar 2022 13:22

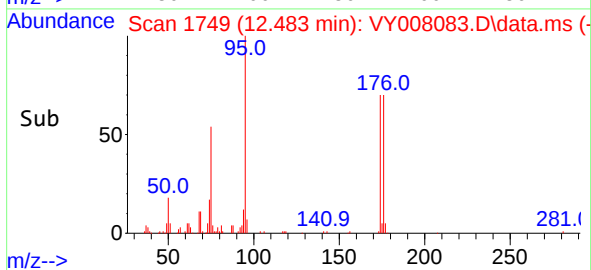
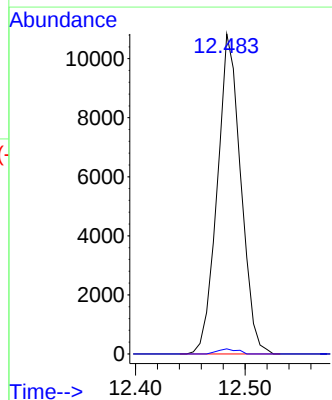
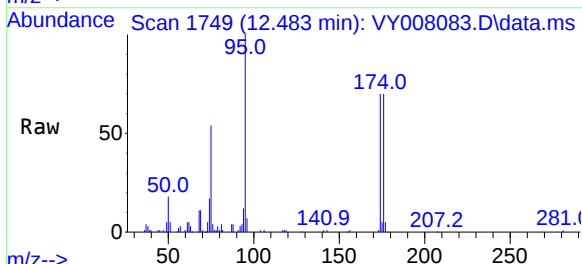
Instrument :
 MSVOA_Y
 ClientSampleId :

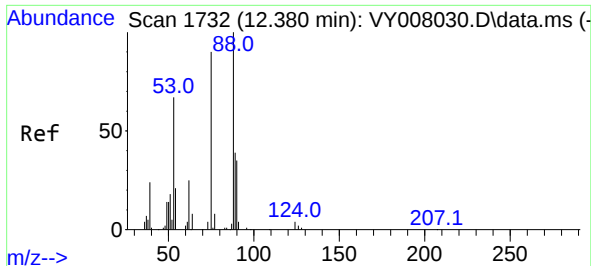
Tgt Ion:152 Resp: 30555
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 159.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.416 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008083.D
 Acq: 29 Mar 2022 13:22

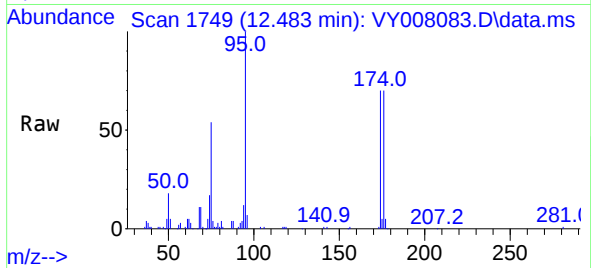
Tgt Ion: 75 Resp: 16171
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.868 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008083.D
 Acq: 29 Mar 2022 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 16171
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

