

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008181.D
 Acq On : 04 Apr 2022 15:29
 Operator : SY/MD
 Sample : N2220-12RE
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:41:41 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)

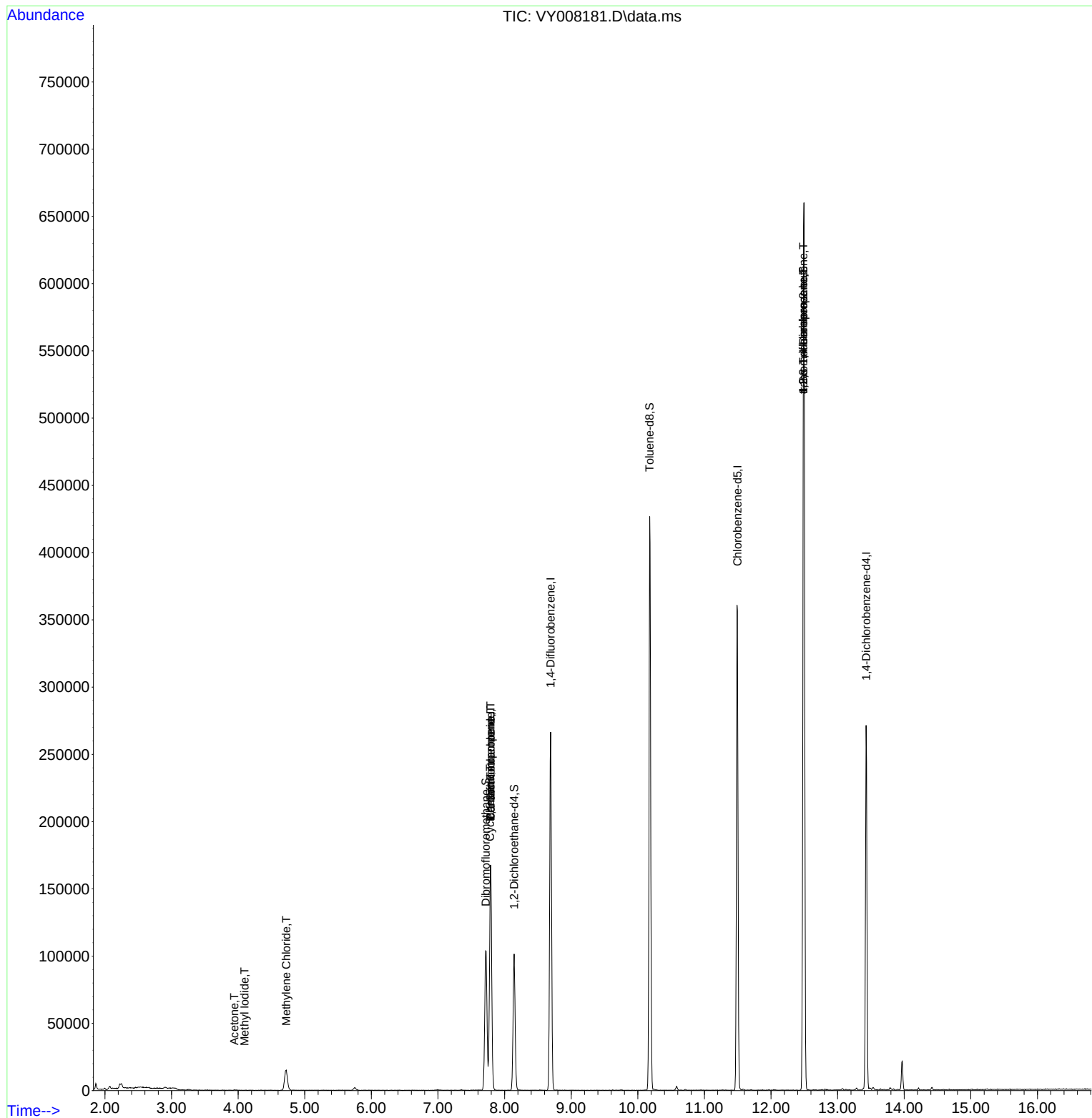
Internal Standards						
1) Pentafluorobenzene	7.789	168	131503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	206332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74899	56.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.540%	
35) Dibromofluoromethane	7.716	113	75004	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.179	98	284817	51.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.483	95	82291	41.948	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.900%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	61	1.731	ug/l #	35
16) Acetone	3.942	43	595	1.973	ug/l	96
18) Methyl Acetate	4.485	43	204	Below Cal	#	56
20) Methylene Chloride	4.722	84	12324	3.675	ug/l #	81
31) Cyclohexane	7.783	56	2681	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10483	4.522	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13027	5.156	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	45355	54.319	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45355	121.195	ug/l #	9

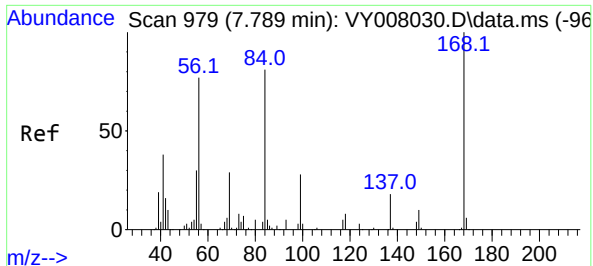
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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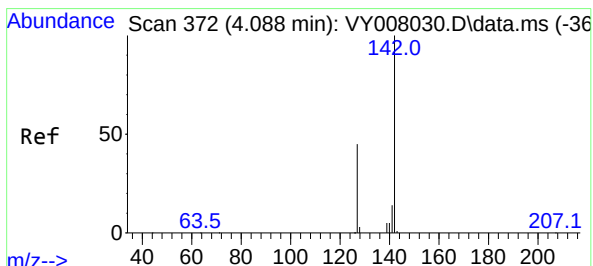
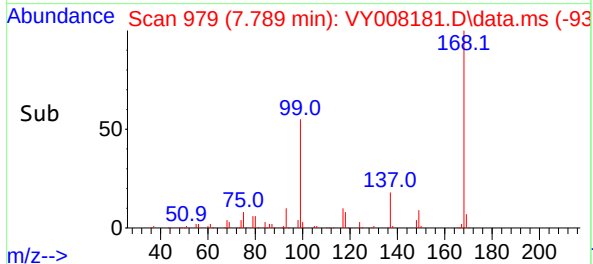
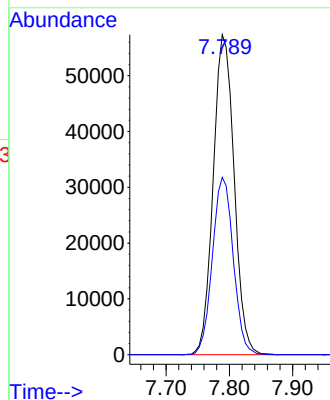
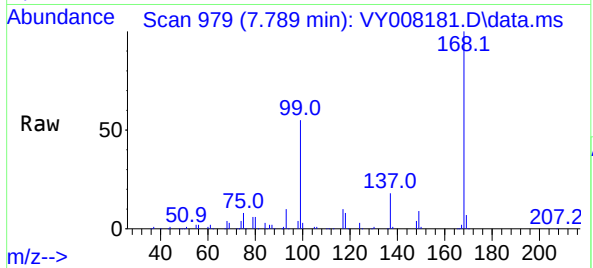




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

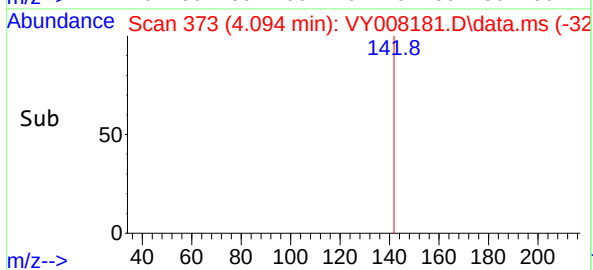
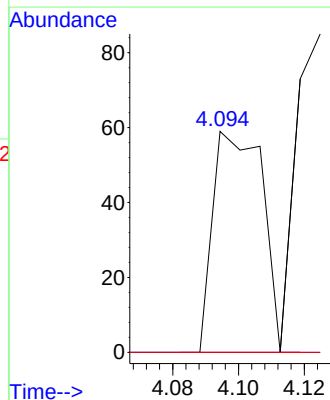
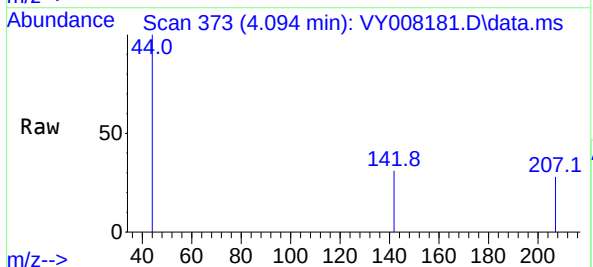
Instrument :
MSVOA_Y
ClientSampleId :

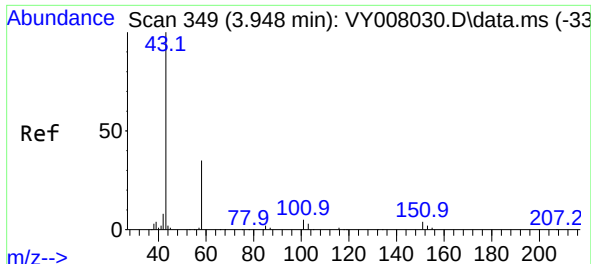
Tgt Ion:168 Resp: 131503
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#10
Methyl Iodide
Concen: 1.731 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

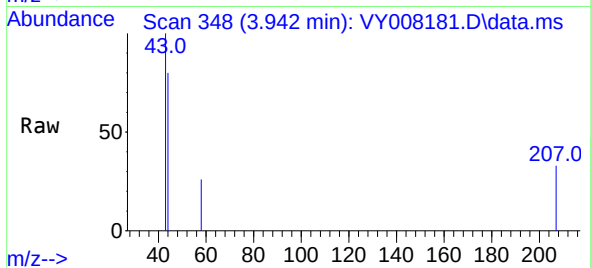
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



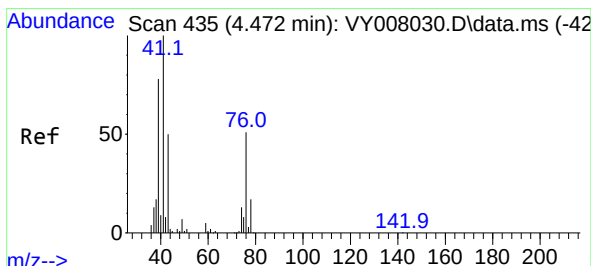
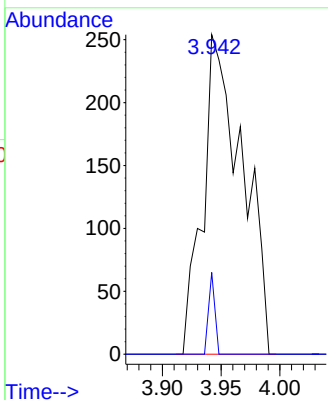
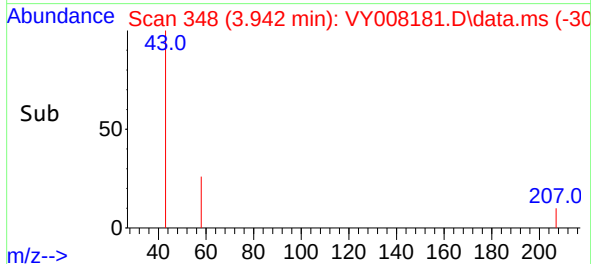


#16
Acetone
Concen: 1.973 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

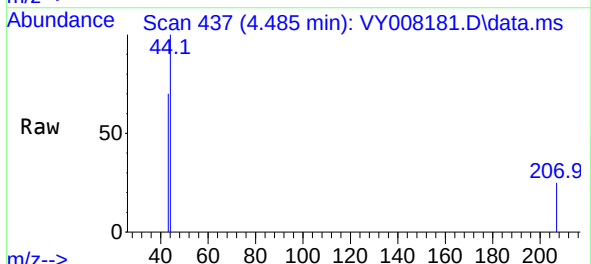
Instrument :
MSVOA_Y
ClientSampleId :



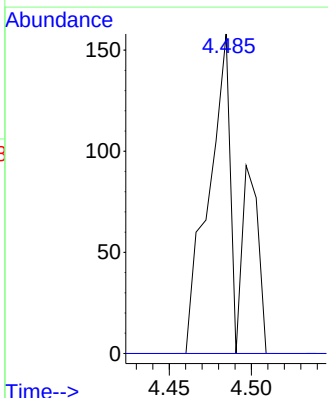
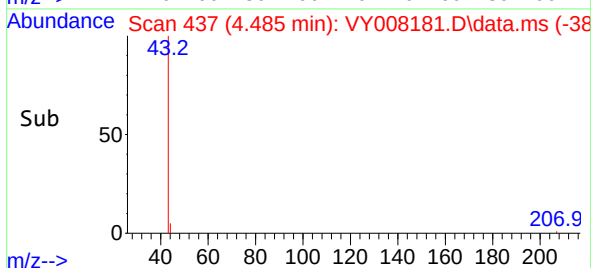
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0

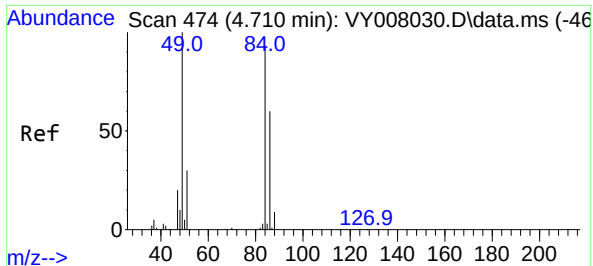


#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29



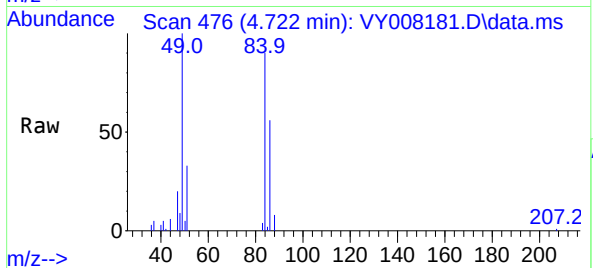
Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





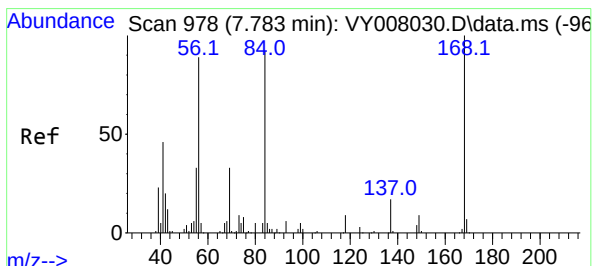
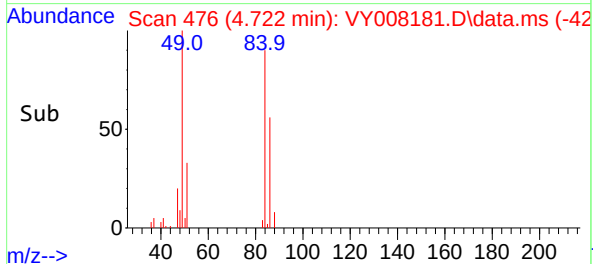
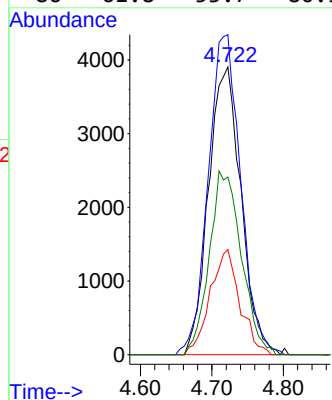
#20
Methylene Chloride
Concen: 3.675 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12324

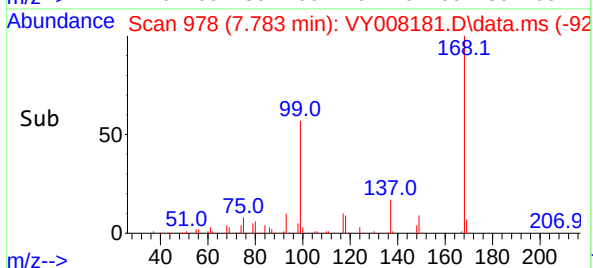
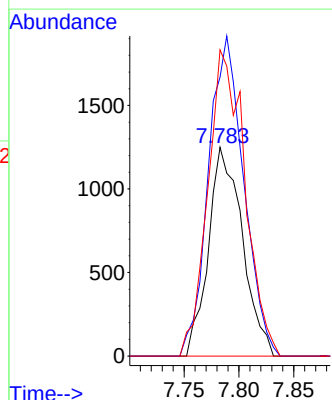
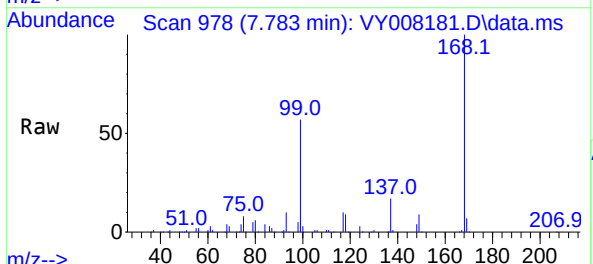
Ion	Ratio	Lower	Upper
84	100		
49	109.9	114.4	171.6#
51	36.5	35.3	52.9
86	61.8	53.7	80.5

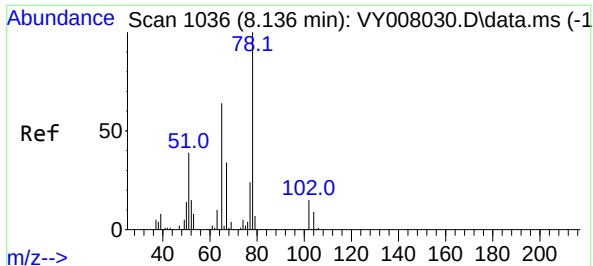


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

Tgt Ion: 56 Resp: 2681

Ion	Ratio	Lower	Upper
56	100		
69	133.7	26.7	40.1#
84	146.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.769 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008181.D

Acq: 04 Apr 2022 15:29

Instrument :

MSVOA_Y

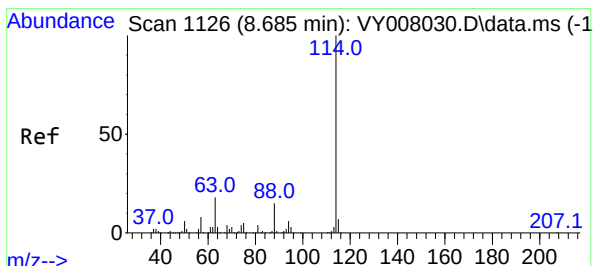
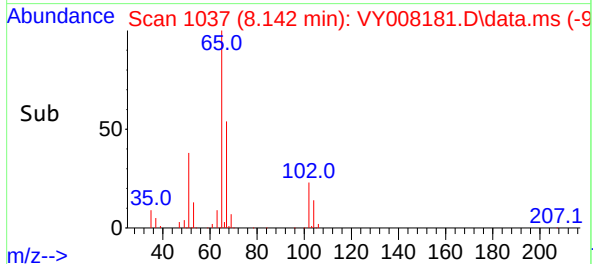
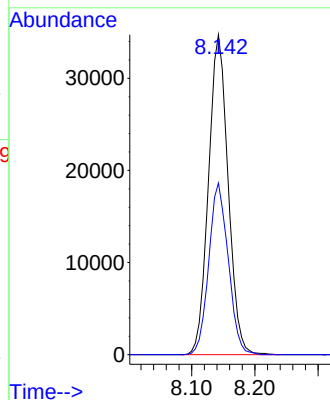
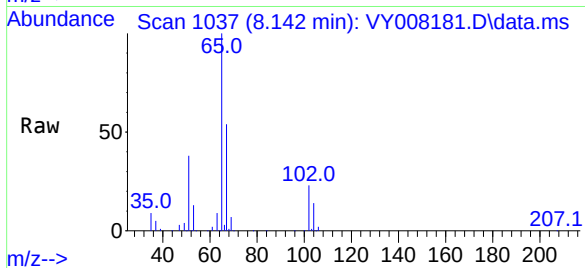
ClientSampleId :

Tgt Ion: 65 Resp: 74899

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008181.D

Acq: 04 Apr 2022 15:29

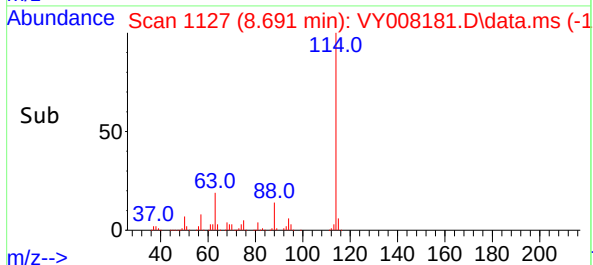
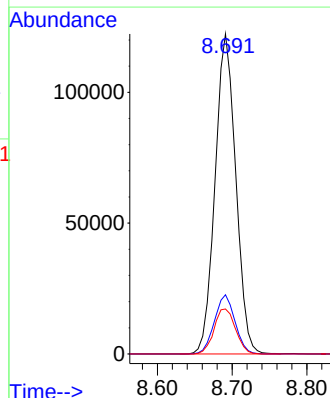
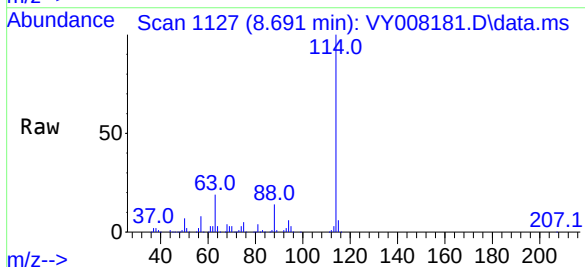
Tgt Ion: 114 Resp: 235397

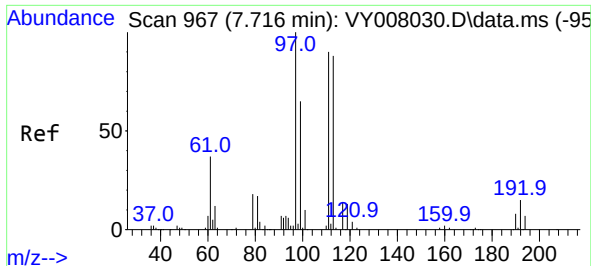
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

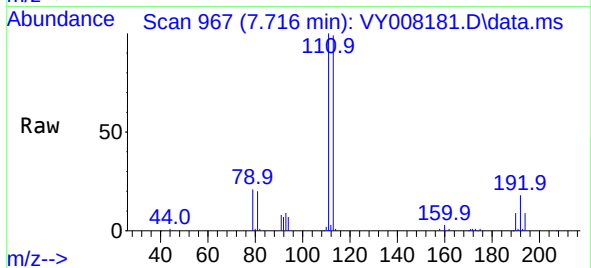
88 14.1 0.0 31.8



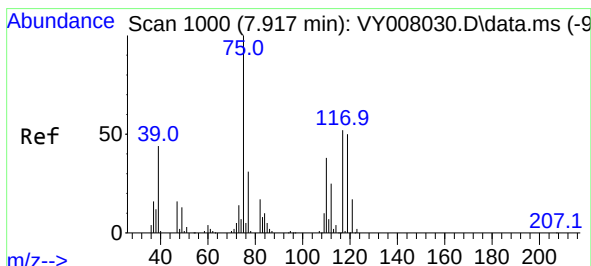
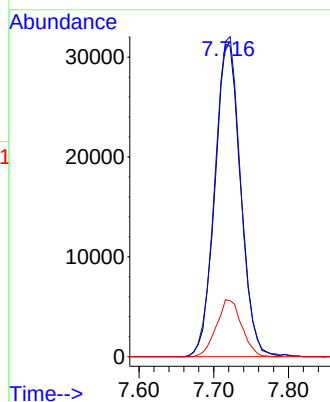
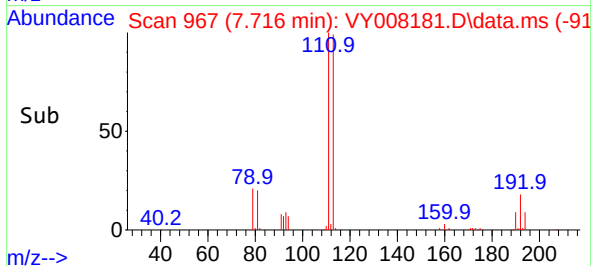


#35
Dibromofluoromethane
Concen: 50.820 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

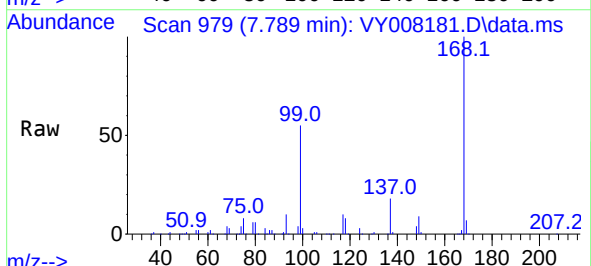
Instrument :
MSVOA_Y
ClientSampleId :



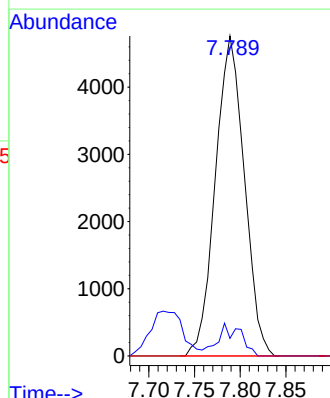
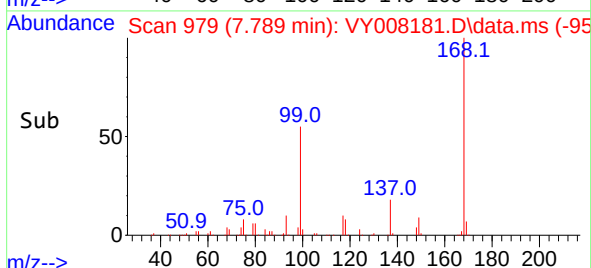
Tgt Ion:113 Resp: 75004
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.9 17.6 26.4

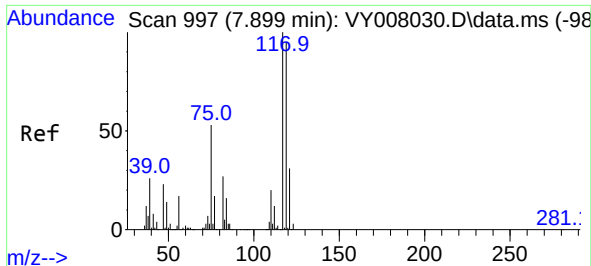


#36
1,1-Dichloropropene
Concen: 4.522 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29



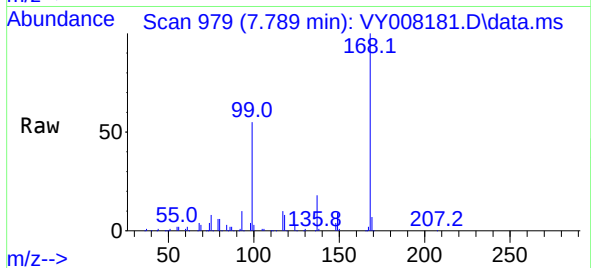
Tgt Ion: 75 Resp: 10483
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.4 36.6#



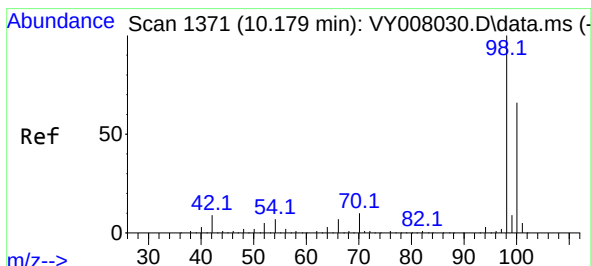
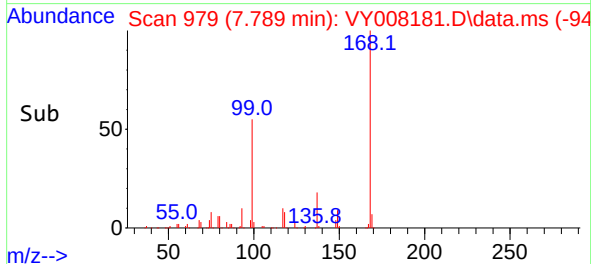
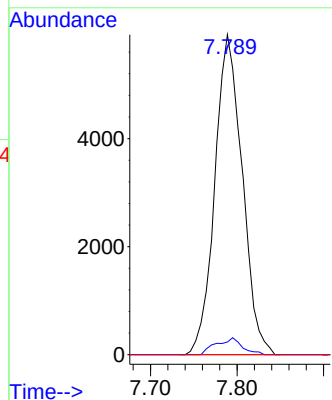


#38
Carbon Tetrachloride
Concen: 5.156 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

Instrument :
MSVOA_Y
ClientSampleId :

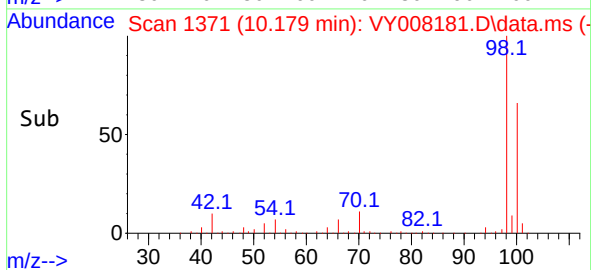
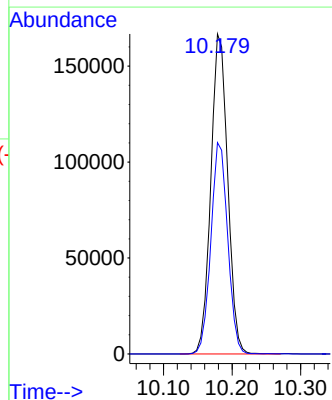
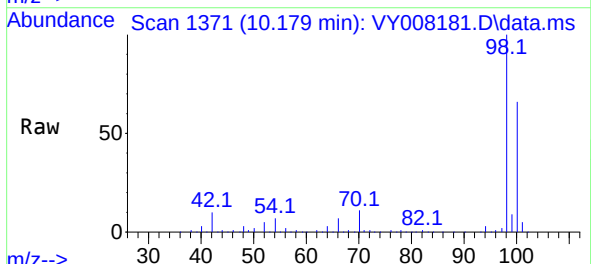


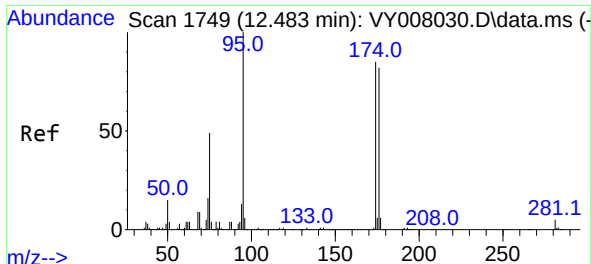
Tgt Ion:117 Resp: 13027
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.223 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

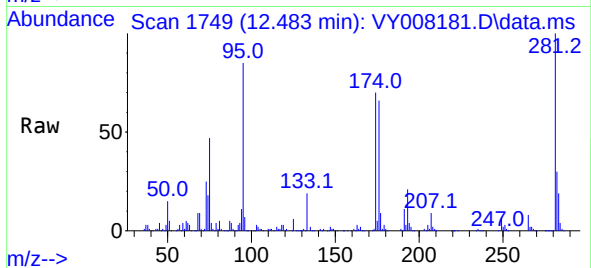
Tgt Ion: 98 Resp: 284817
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



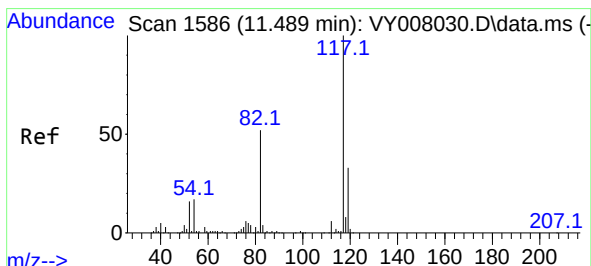
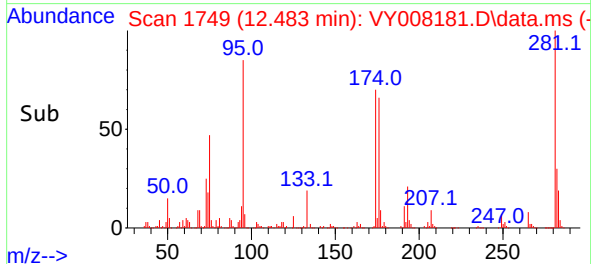
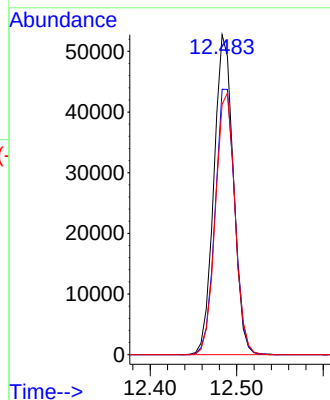


#62
4-Bromofluorobenzene
Concen: 41.948 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

Instrument :
MSVOA_Y
ClientSampleId :

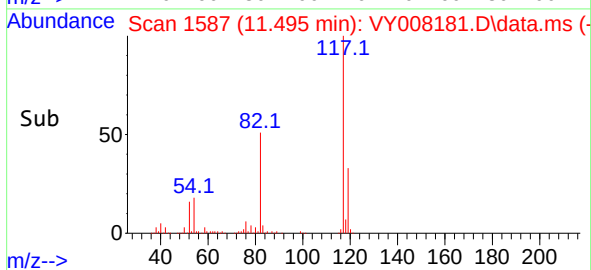
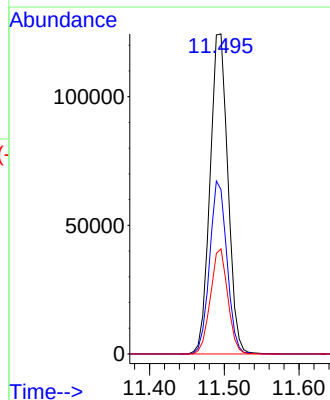
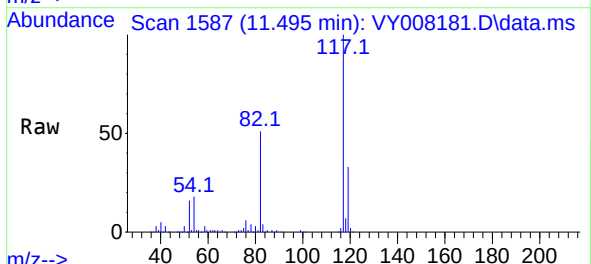


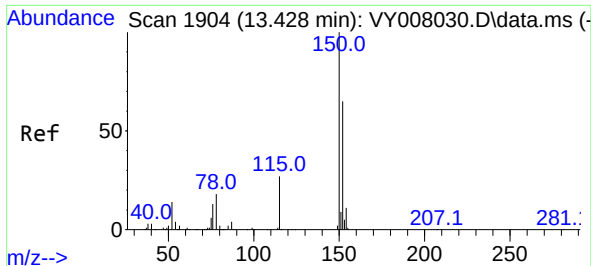
Tgt Ion: 95 Resp: 82291
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008181.D
Acq: 04 Apr 2022 15:29

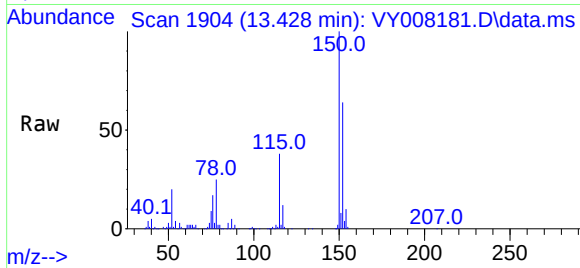
Tgt Ion: 117 Resp: 206332
Ion Ratio Lower Upper
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82 51.4 43.0 64.4
119 32.8 25.4 38.0



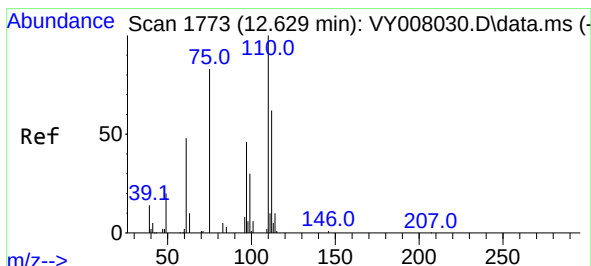
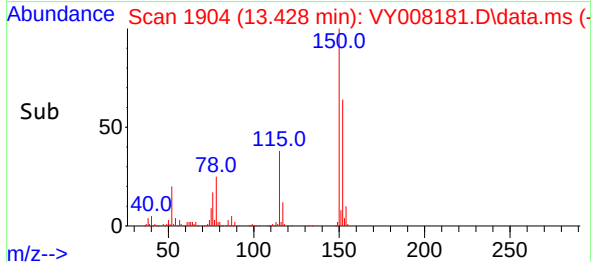
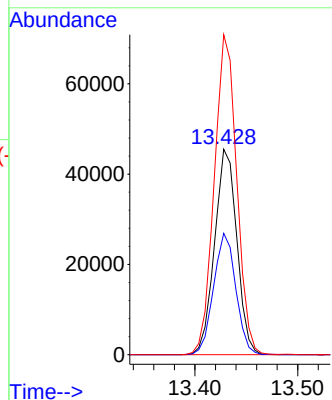


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008181.D
 Acq: 04 Apr 2022 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :

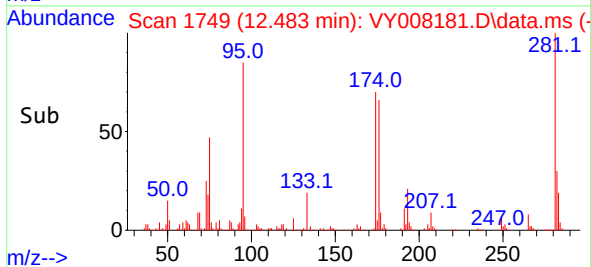
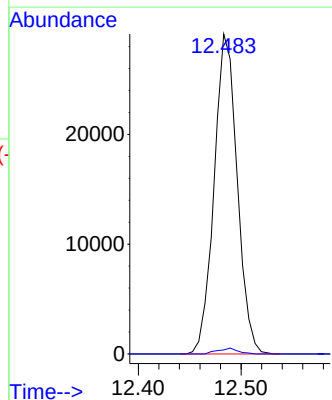
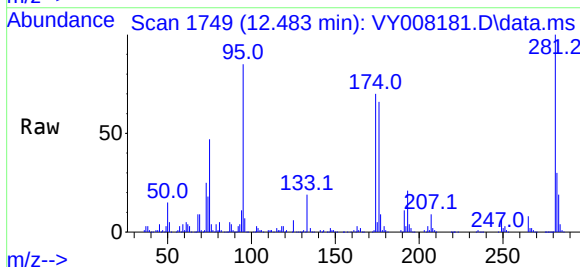


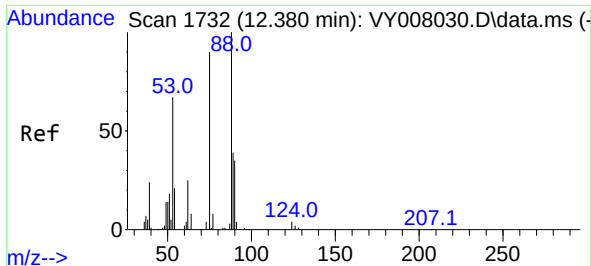
Tgt Ion:152 Resp: 68496
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.319 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008181.D
 Acq: 04 Apr 2022 15:29

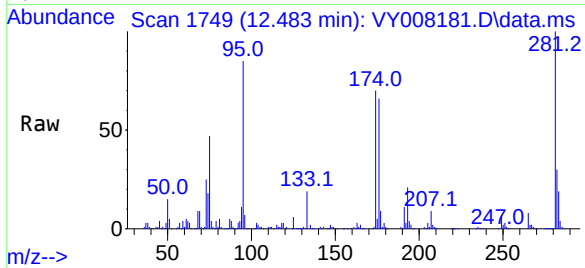
Tgt Ion: 75 Resp: 45355
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.195 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008181.D
 Acq: 04 Apr 2022 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45355
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 3.4 37.0 55.4#

