

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008183.D
 Acq On : 04 Apr 2022 16:16
 Operator : SY/MD
 Sample : N2220-14RE
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:42:02 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)

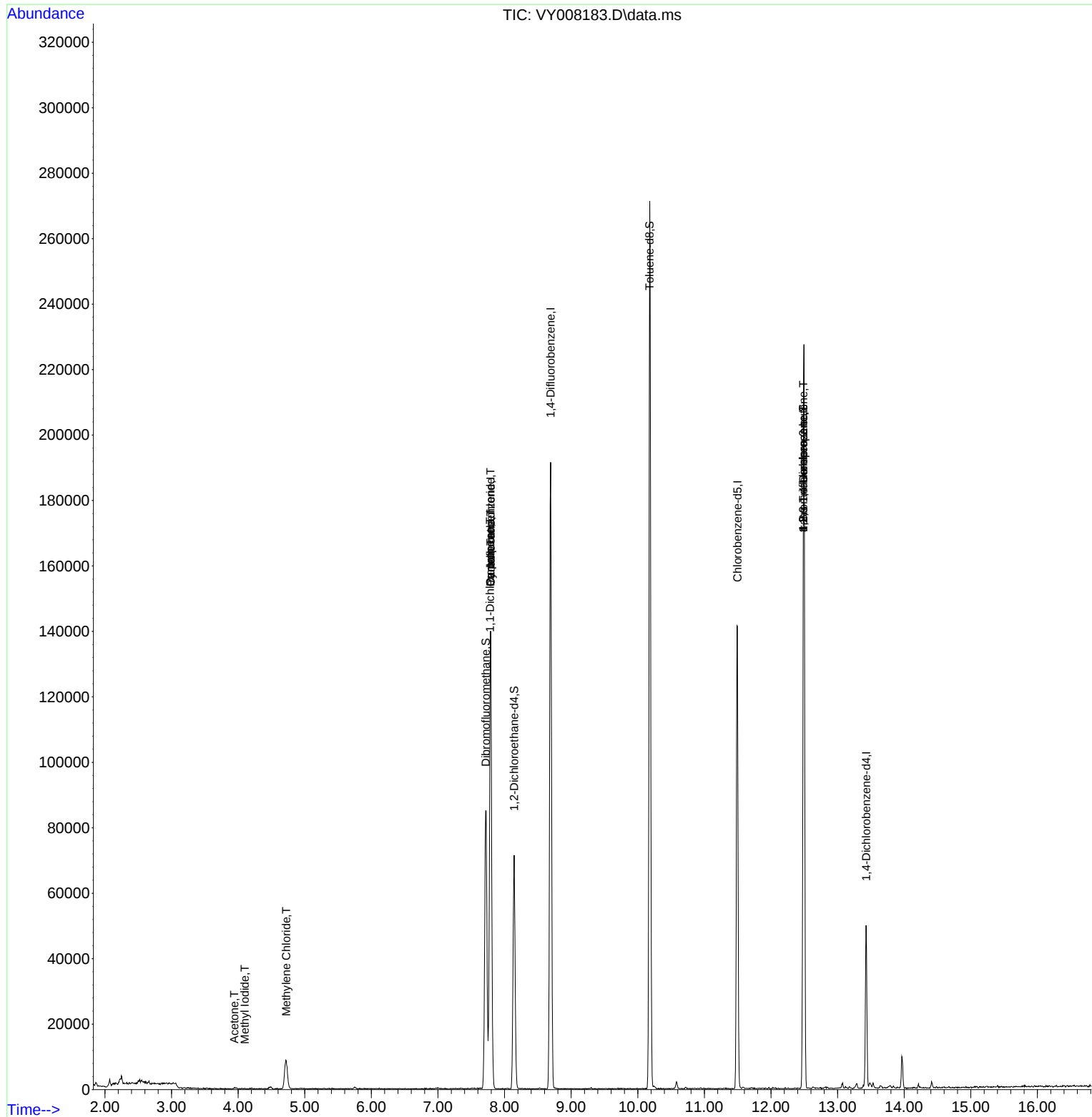
Internal Standards						
1) Pentafluorobenzene	7.789	168	107344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	81675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52372	48.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.260%		
35) Dibromofluoromethane	7.716	113	61621	57.847	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	115.700%		
50) Toluene-d8	10.179	98	181573	45.243	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.480%		
62) 4-Bromofluorobenzene	12.483	95	19686	13.903	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	27.800%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	21	1.712	ug/l #	35
16) Acetone	3.942	43	679	2.758	ug/l	90
18) Methyl Acetate	4.479	43	1077	Below Cal		91
20) Methylene Chloride	4.723	84	7272	1.218	ug/l #	71
31) Cyclohexane	7.789	56	2086	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8334	4.981	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10802	5.924	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	11982	75.668	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11982	168.828	ug/l #	10

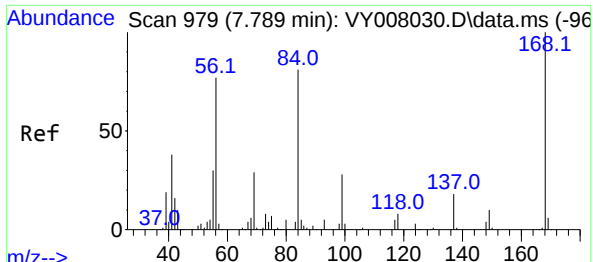
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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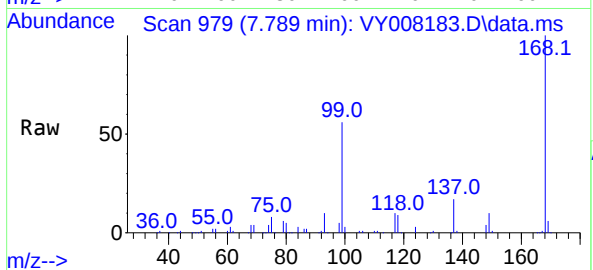
Quant Time: Apr 05 04:42:02 2022
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QLast Update : Sat Mar 26 03:24:51 2022
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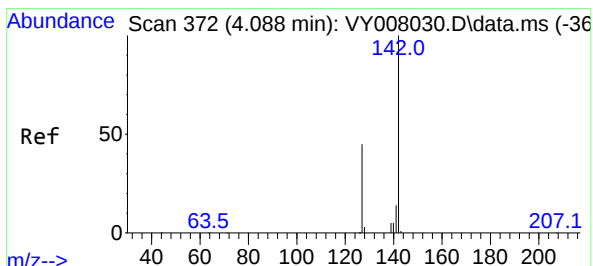
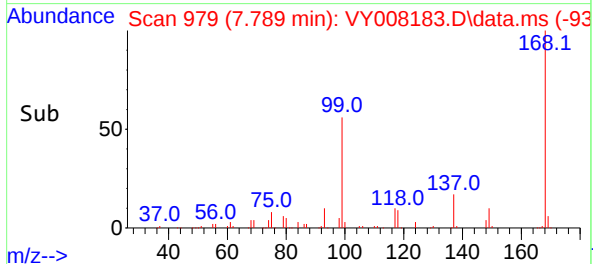
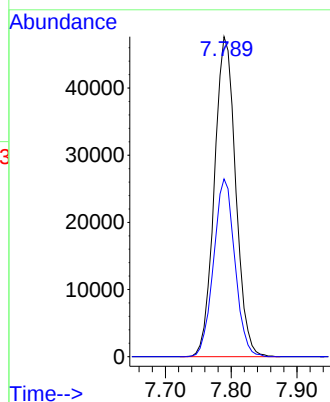


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :

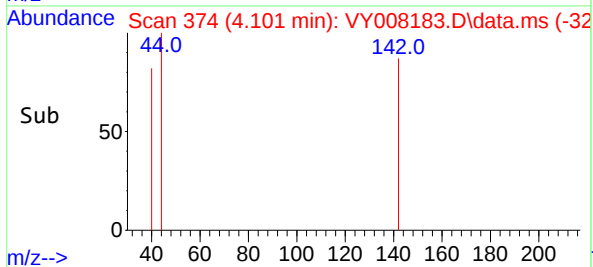
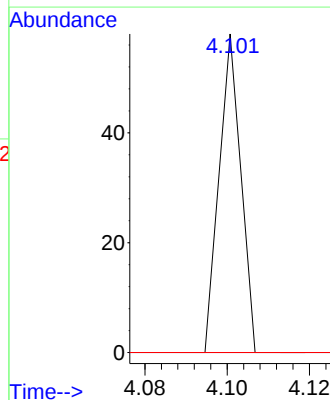
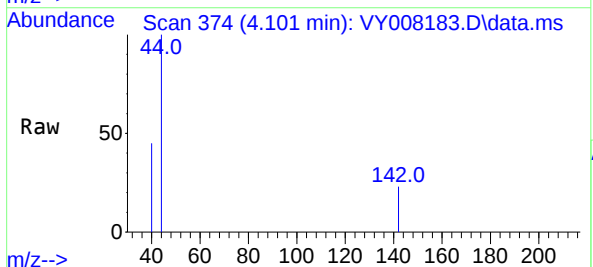


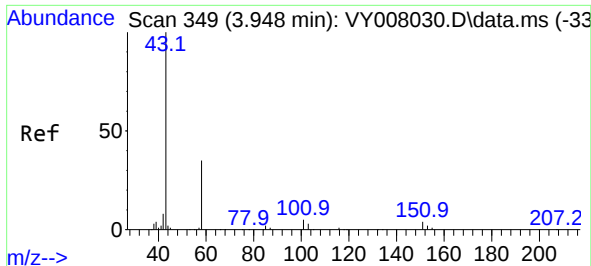
Tgt Ion:168 Resp: 107344
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.712 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

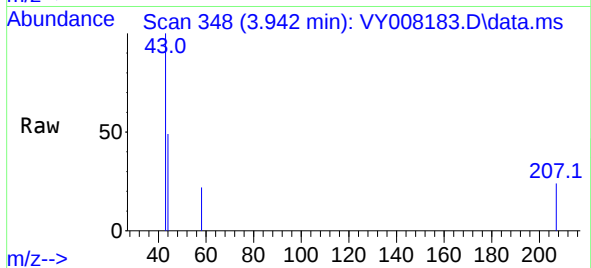
Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



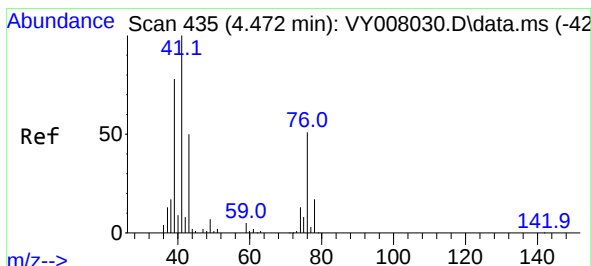
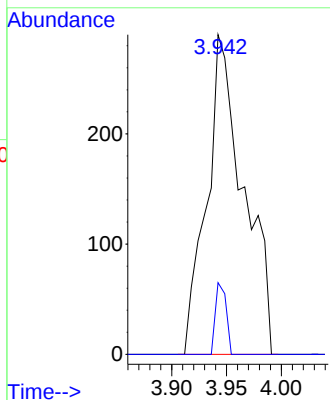
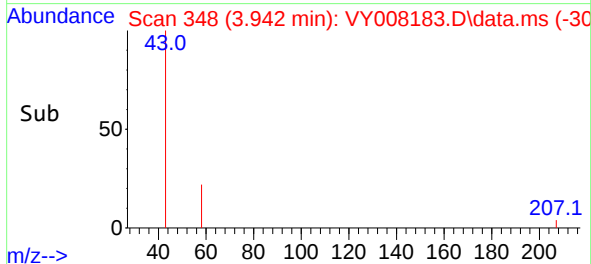


#16
Acetone
Concen: 2.758 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

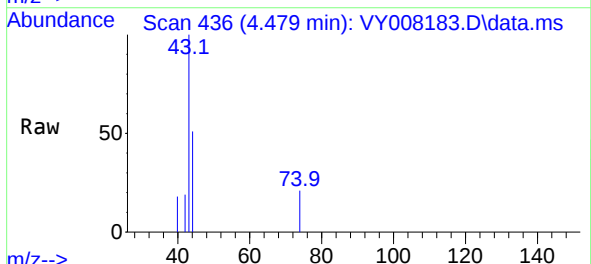
Instrument :
MSVOA_Y
ClientSampleId :



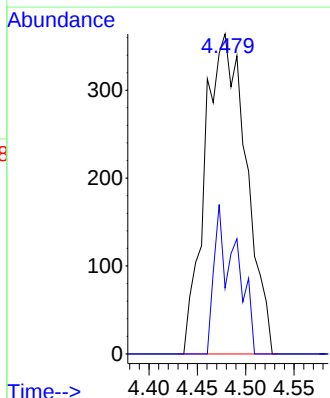
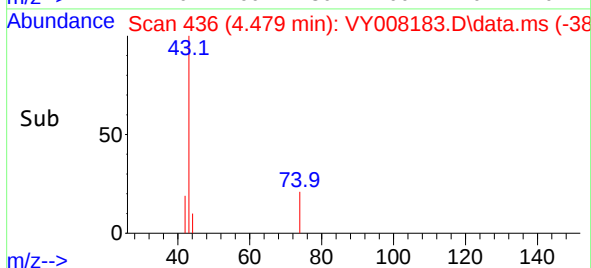
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 22.4 22.0 33.0

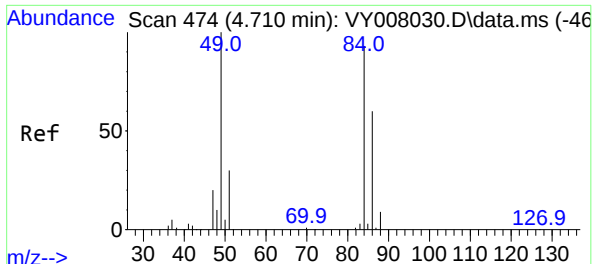


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16



Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
74 24.7 16.6 24.8





#20

Methylene Chloride

Concen: 1.218 ug/l

RT: 4.723 min Scan# 41

Delta R.T. 0.013 min

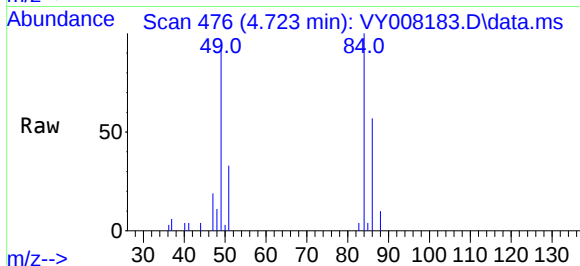
Lab File: VY008183.D

Acq: 04 Apr 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7272

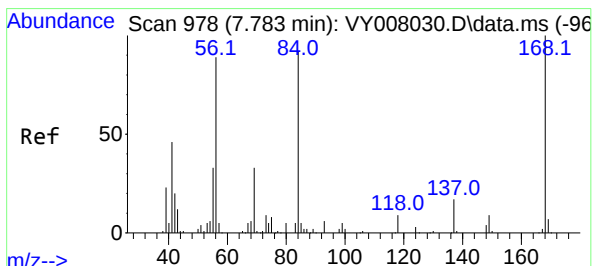
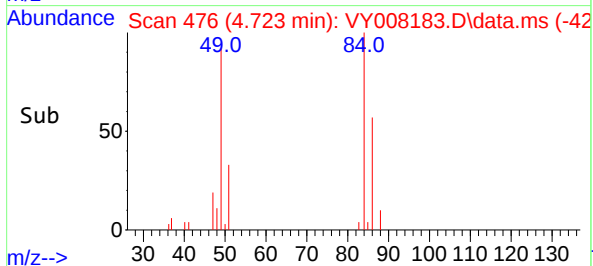
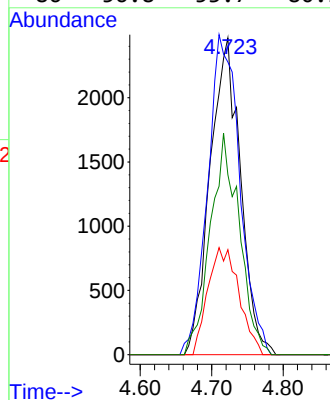
Ion Ratio Lower Upper

84 100

49 92.4 114.4 171.6#

51 33.1 35.3 52.9#

86 56.8 53.7 80.5



#31

Cyclohexane

Concen: 1.036 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008183.D

Acq: 04 Apr 2022 16:16

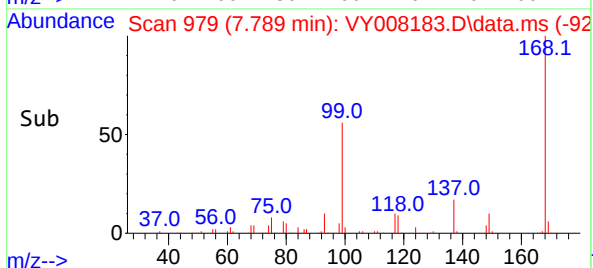
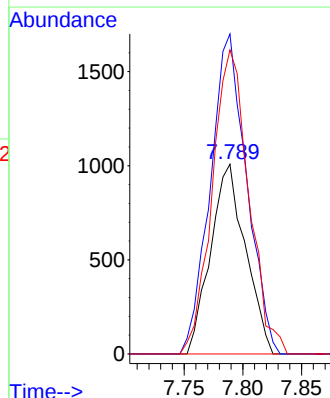
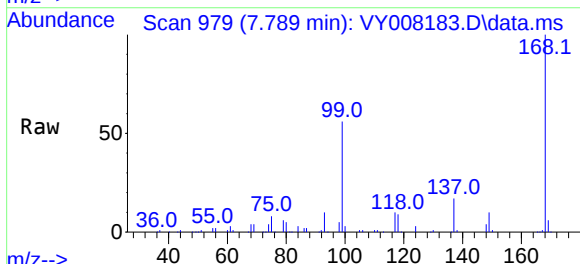
Tgt Ion: 56 Resp: 2086

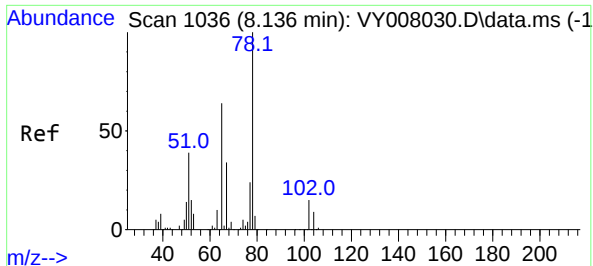
Ion Ratio Lower Upper

56 100

69 168.7 26.7 40.1#

84 160.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 48.628 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008183.D

Acq: 04 Apr 2022 16:16

Instrument :

MSVOA_Y

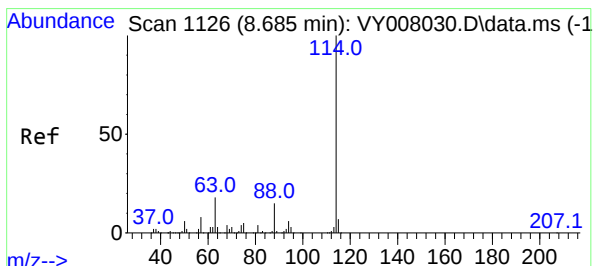
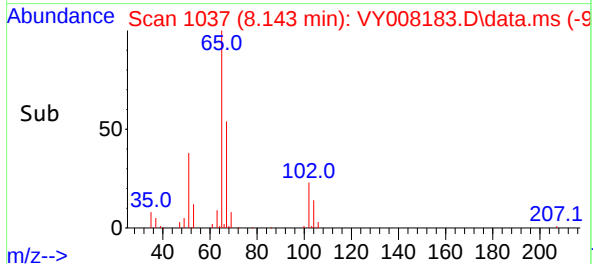
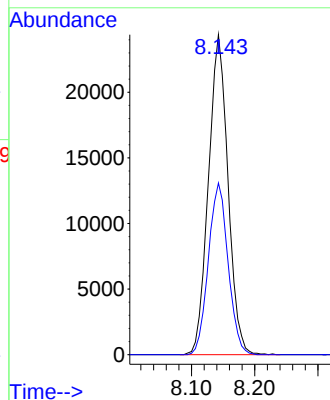
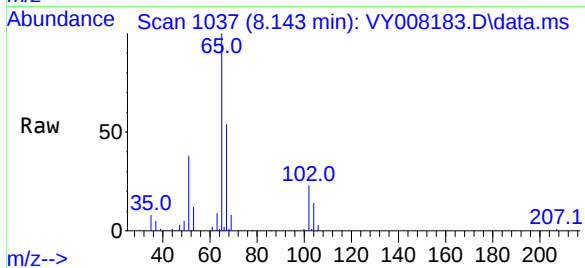
ClientSampleId :

Tgt Ion: 65 Resp: 52372

Ion Ratio Lower Upper

65 100

67 54.0 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: VY008183.D

Acq: 04 Apr 2022 16:16

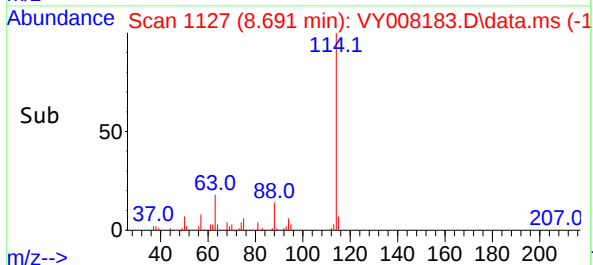
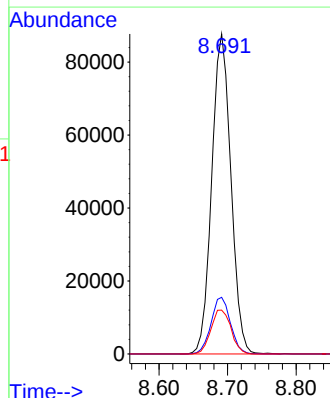
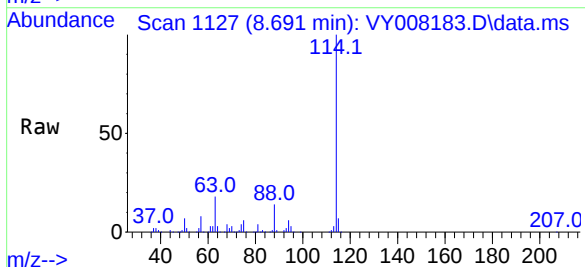
Tgt Ion:114 Resp: 169903

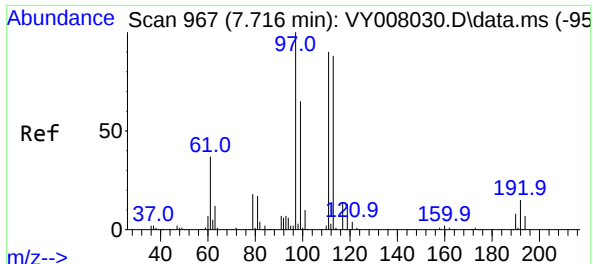
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

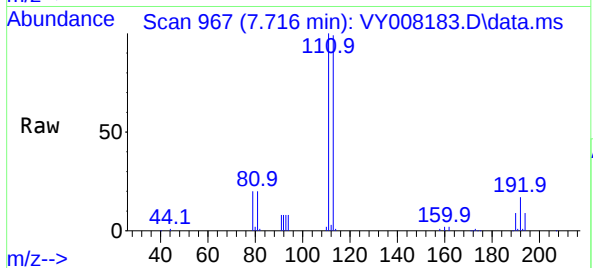
88 13.7 0.0 31.8



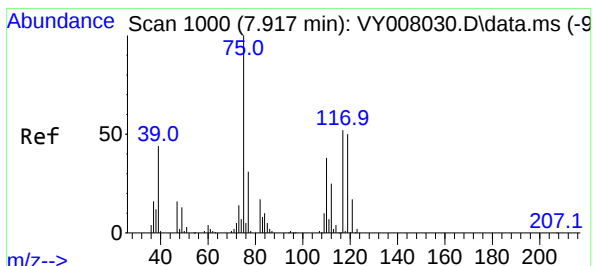
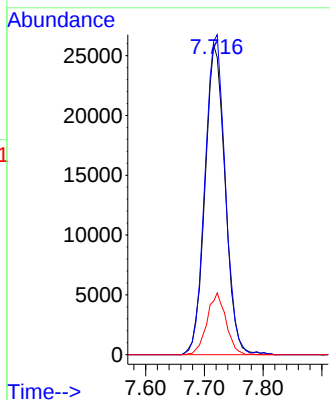
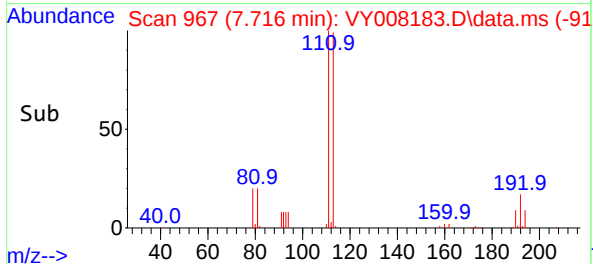


#35
Dibromofluoromethane
Concen: 57.847 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

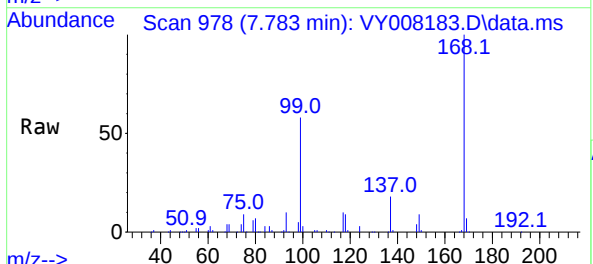
Instrument :
MSVOA_Y
ClientSampleId :



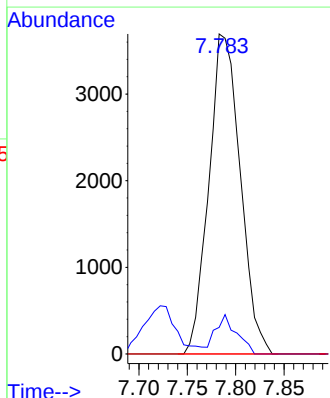
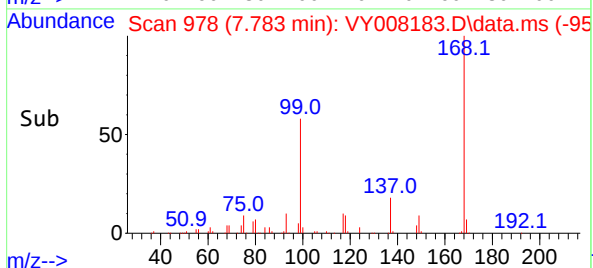
Tgt Ion:113 Resp: 61621
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.8 17.6 26.4

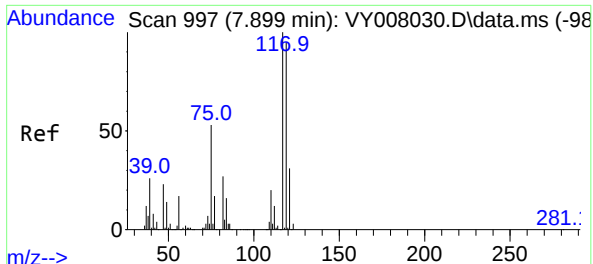


#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16



Tgt Ion: 75 Resp: 8334
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.924 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

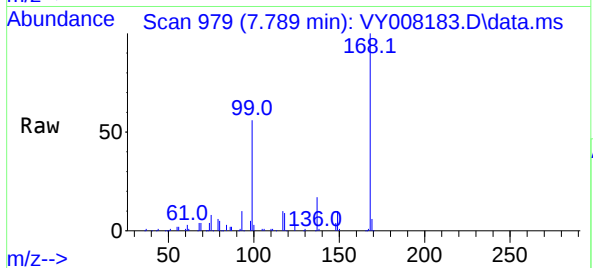
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Acq: 04 Apr 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :



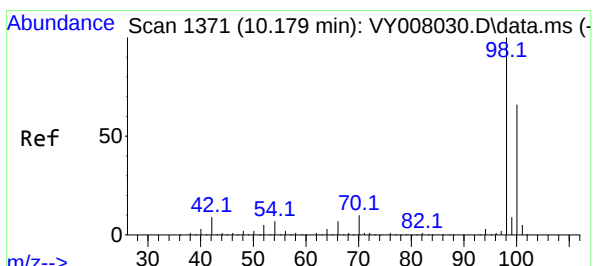
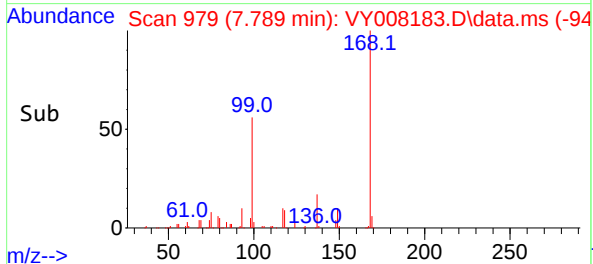
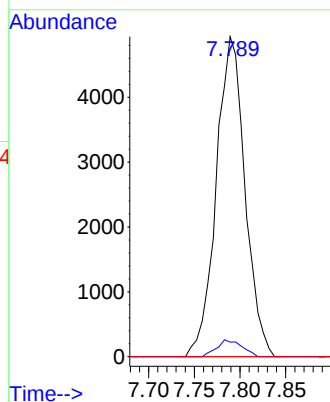
Tgt Ion:117 Resp: 10802

Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

121 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 45.243 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008183.D

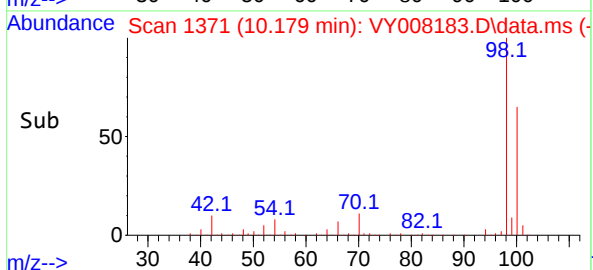
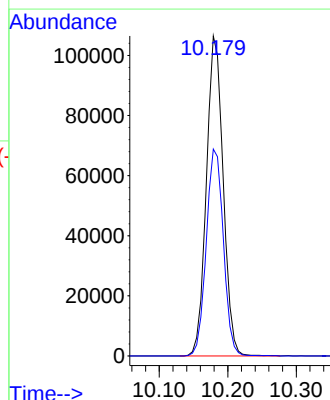
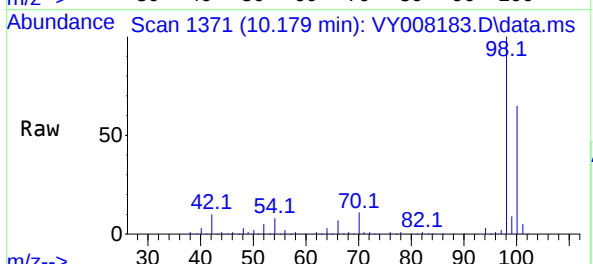
Acq: 04 Apr 2022 16:16

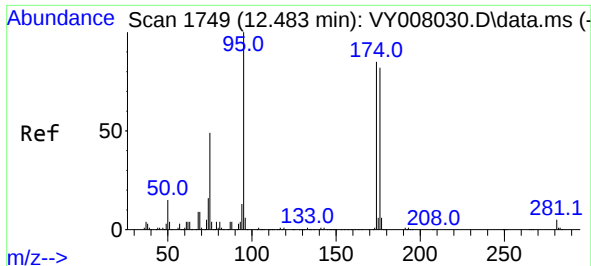
Tgt Ion: 98 Resp: 181573

Ion Ratio Lower Upper

98 100

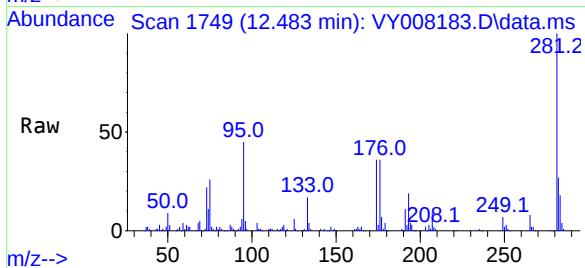
100 65.9 50.2 75.2



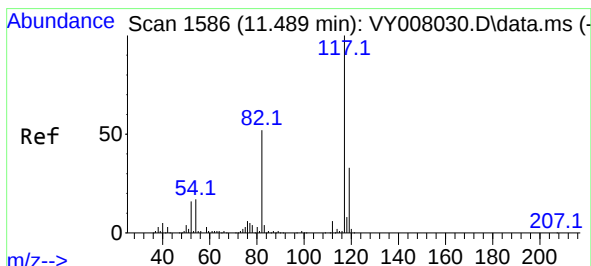
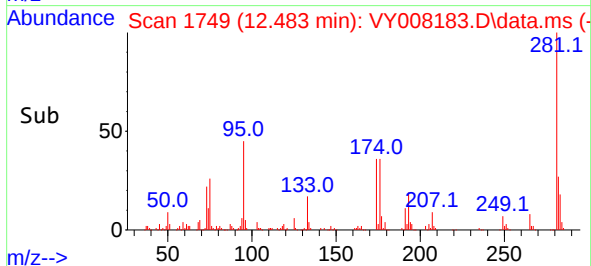
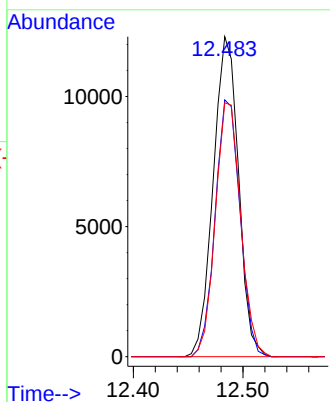


#62
4-Bromofluorobenzene
Concen: 13.903 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :

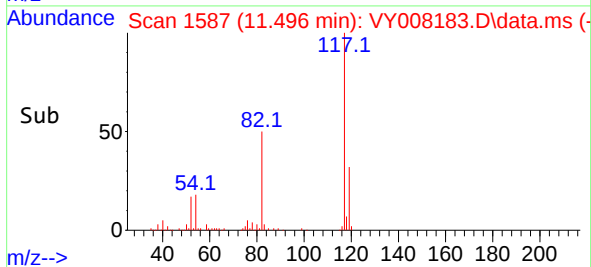
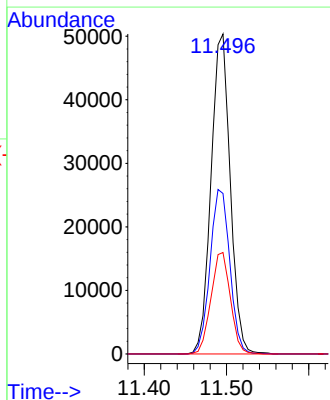
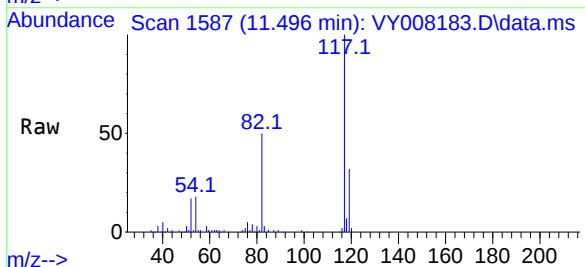


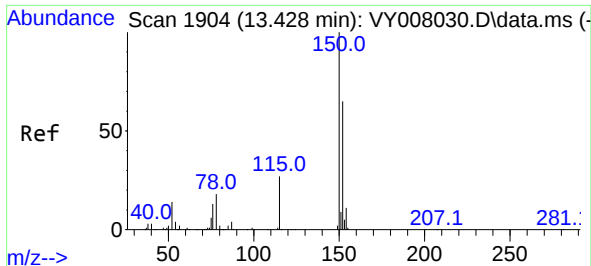
Tgt Ion: 95 Resp: 19686
Ion Ratio Lower Upper
95 100
174 79.0 0.0 177.0
176 79.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

Tgt Ion: 117 Resp: 81675
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 31.7 25.4 38.0

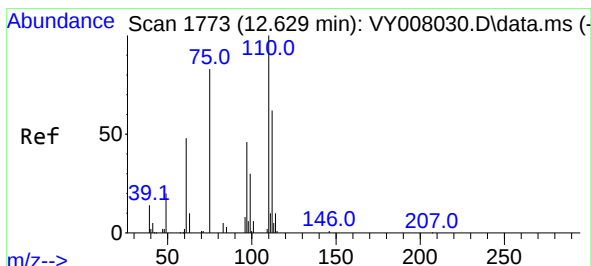
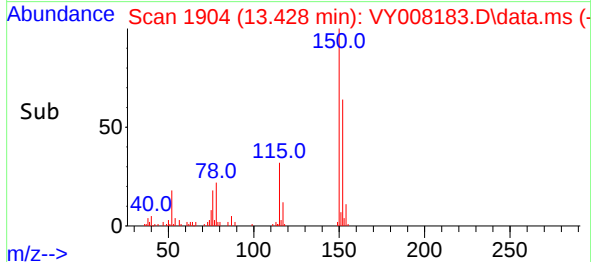
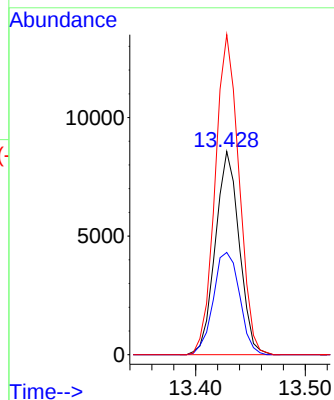
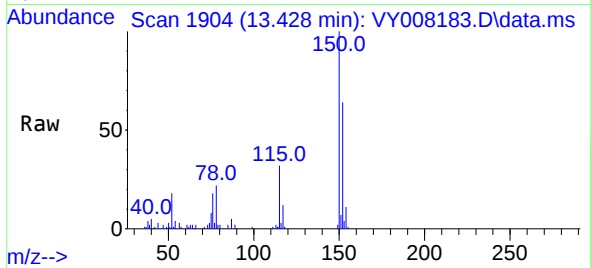




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY008183.D
 Acq: 04 Apr 2022 16:16

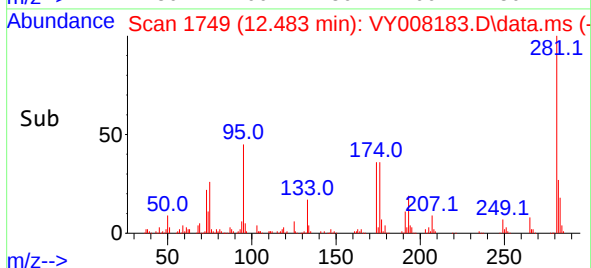
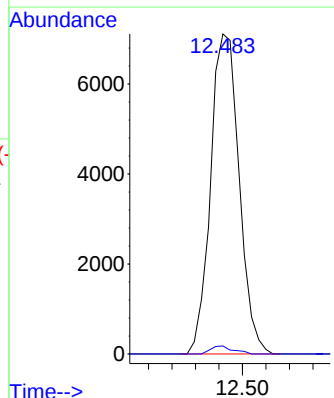
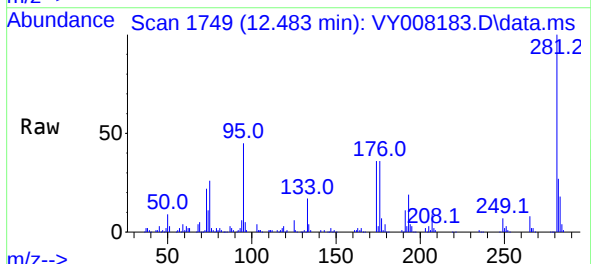
Instrument :
 MSVOA_Y
 ClientSampleId :

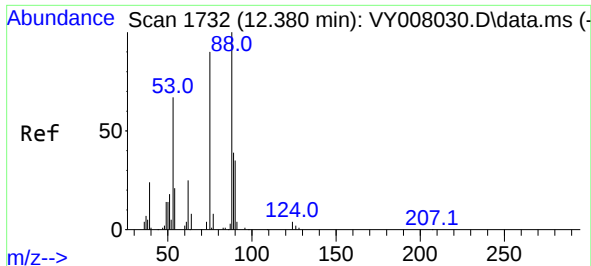
Tgt Ion:152 Resp: 12990
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 75.668 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008183.D
 Acq: 04 Apr 2022 16:16

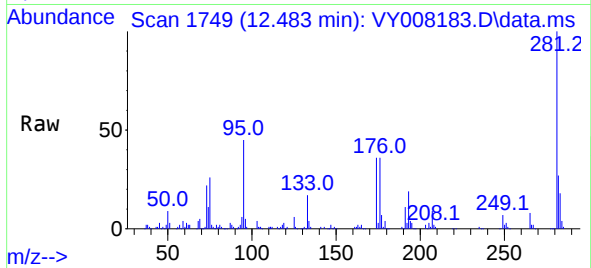
Tgt Ion: 75 Resp: 11982
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 168.828 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008183.D
 Acq: 04 Apr 2022 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	11982
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	5.8	37.0	55.4#

