

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008194.D
 Acq On : 04 Apr 2022 20:33
 Operator : SY/MD
 Sample : N2237-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:44:13 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	105548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	95702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52802	49.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.716	113	58901	55.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.179	98	196943	49.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.483	95	25549	18.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.080%

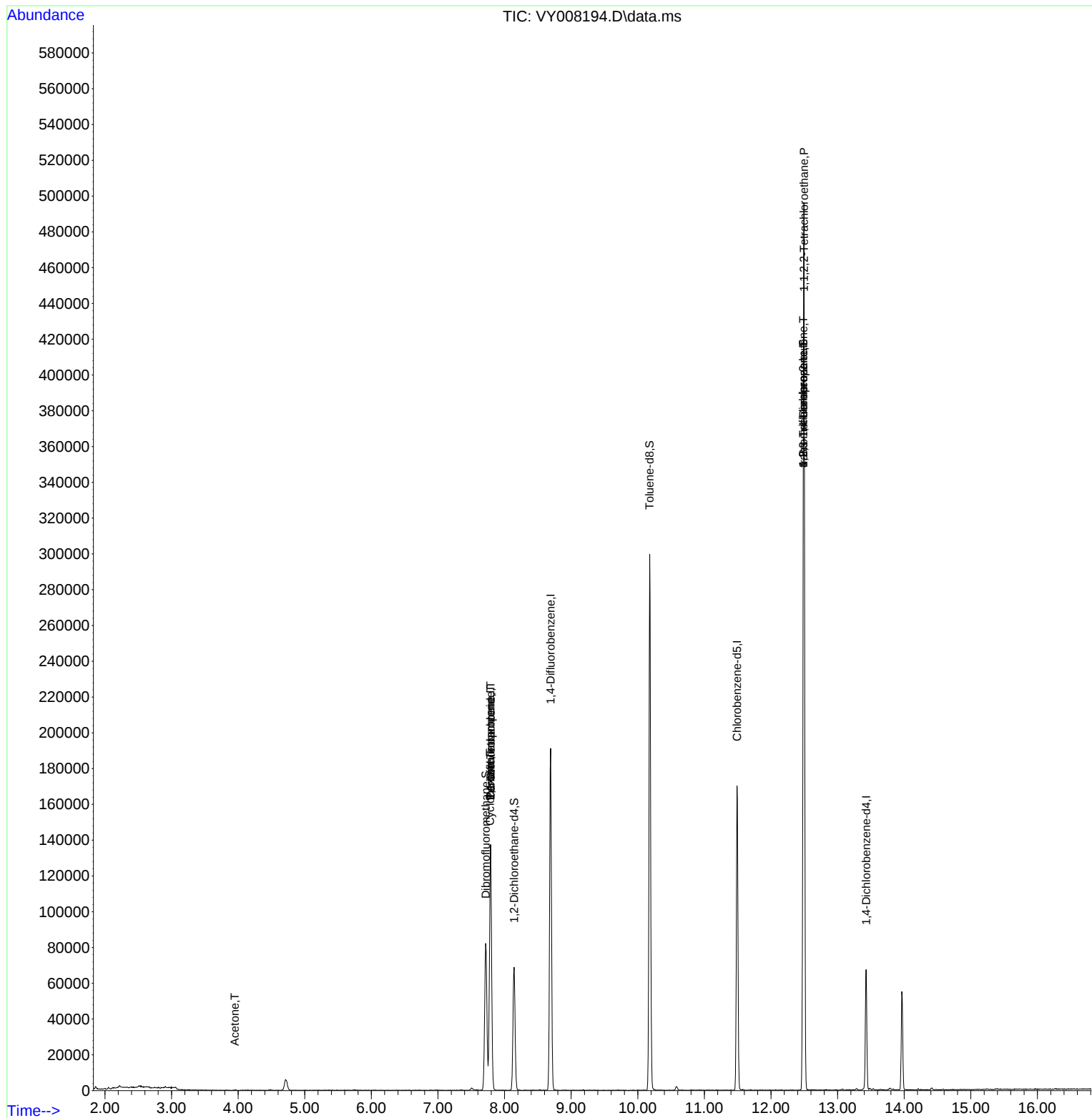
Target Compounds					Qvalue	
16) Acetone	3.948	43	268	1.107	ug/l	# 47
18) Methyl Acetate	4.485	43	494	Below Cal		# 56
20) Methylene Chloride	4.723	84	5005	Below Cal		# 64
28) Bromochloromethane	7.509	49	20	Below Cal		# 16
31) Cyclohexane	7.783	56	2277	1.150	ug/l	# 7
36) 1,1-Dichloropropene	7.789	75	8197	4.897	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	10364	5.681	ug/l	# 16
75) 1,1,2,2-Tetrachloroethane	12.496	83	336	1.217	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	16670	79.446	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	16670	177.257	ug/l	# 11

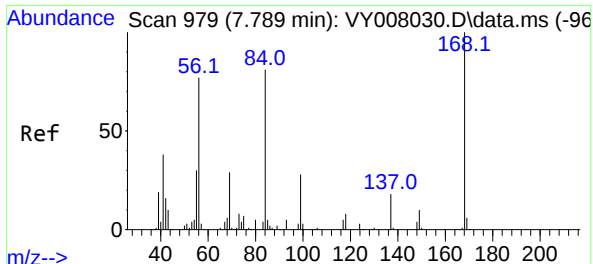
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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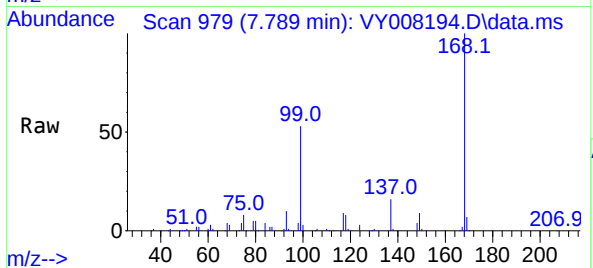
Quant Time: Apr 05 04:44:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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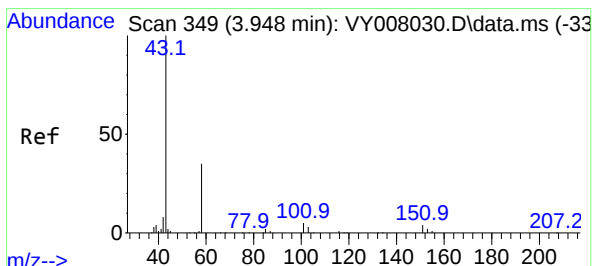
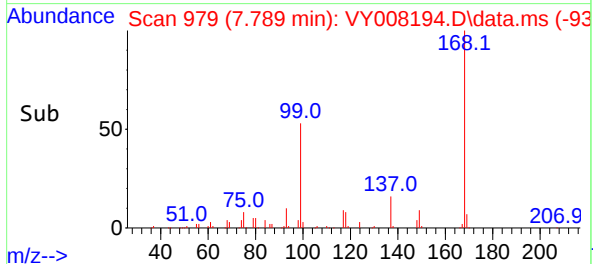
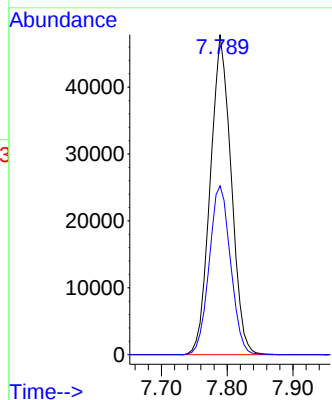


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :

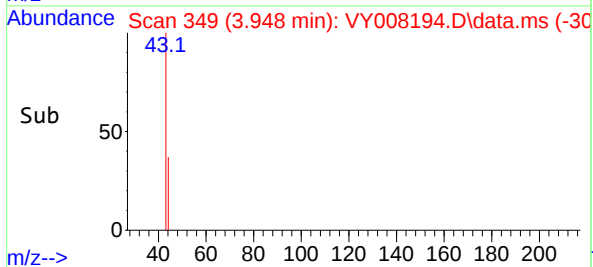
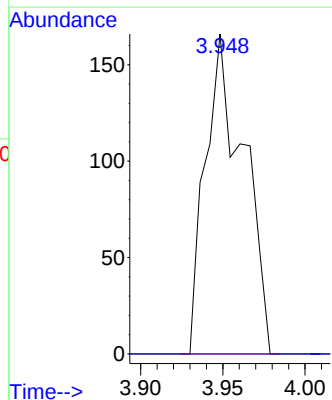
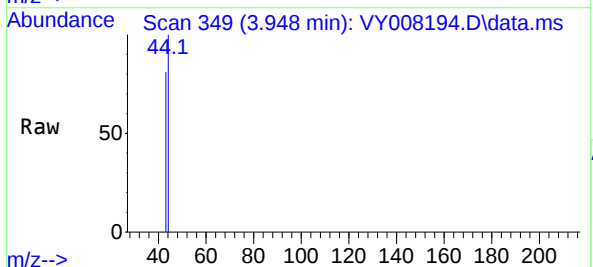


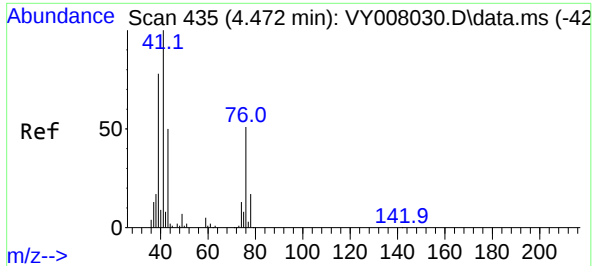
Tgt Ion:168 Resp: 105548
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#16
Acetone
Concen: 1.107 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

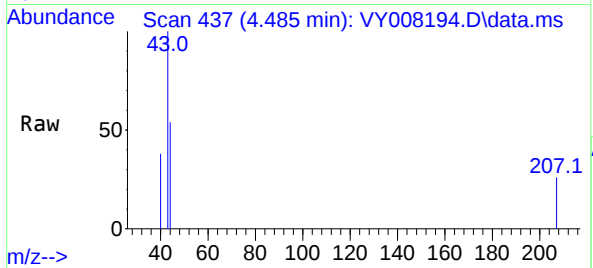
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



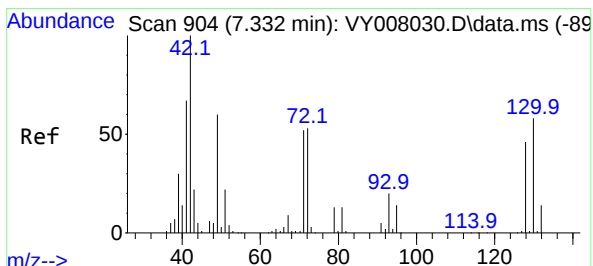
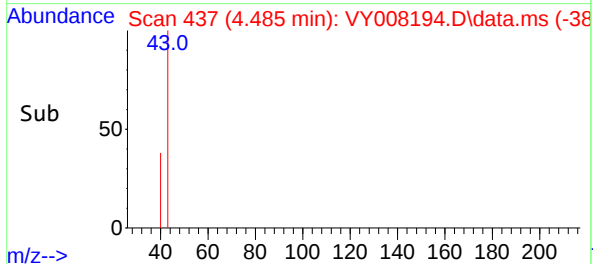
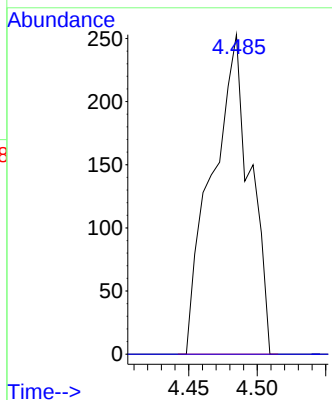


#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :

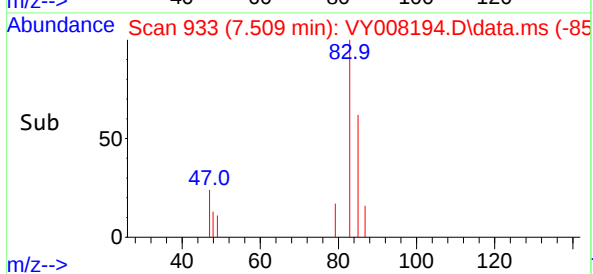
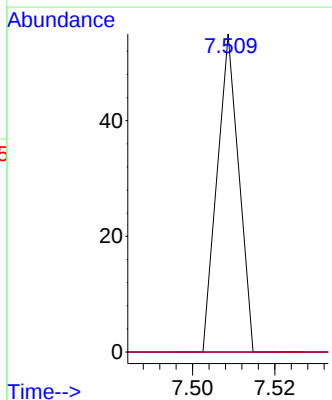
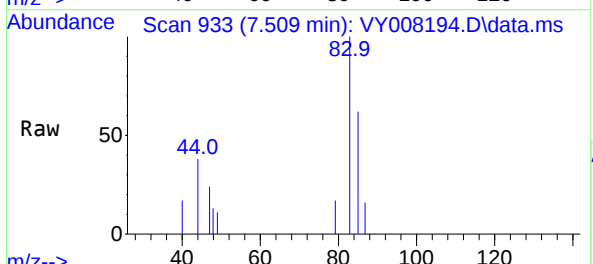


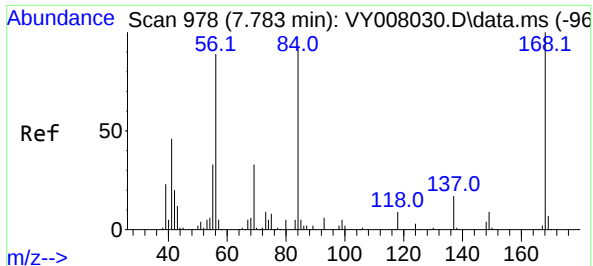
Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.509 min Scan# 933
Delta R.T. 0.177 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

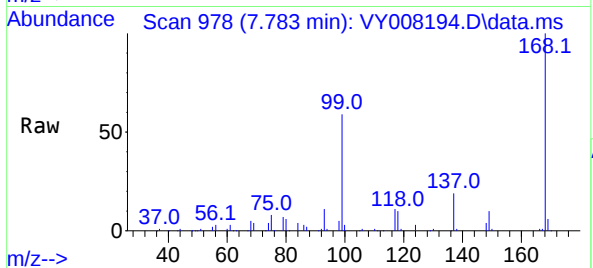
Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



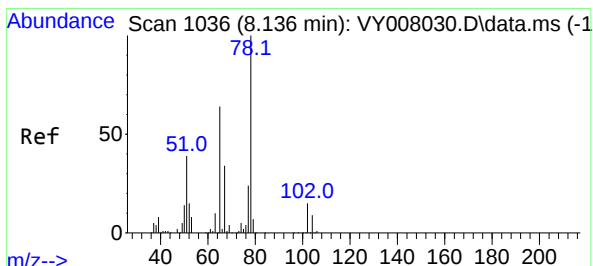
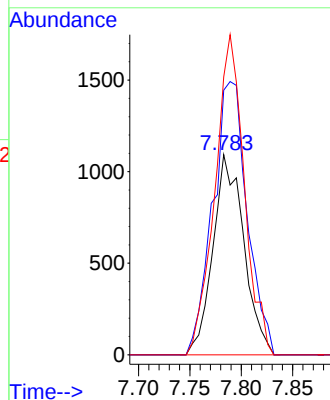
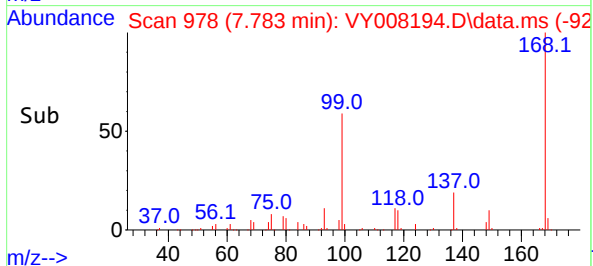


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :

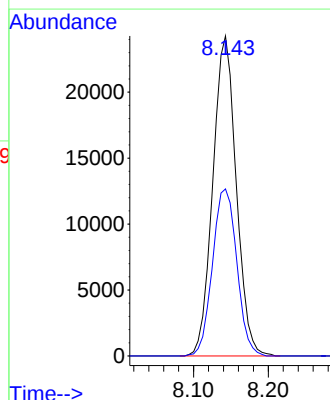
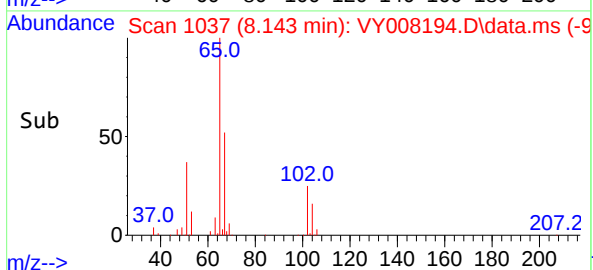
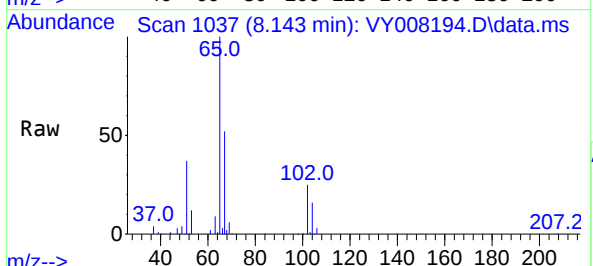


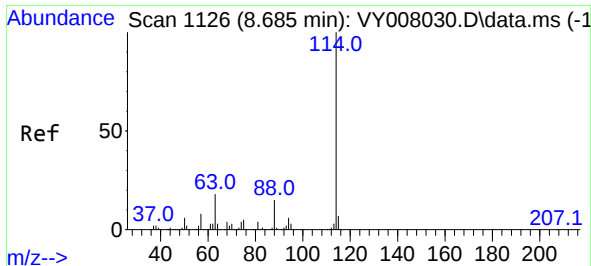
Tgt Ion: 56 Resp: 2277
Ion Ratio Lower Upper
56 100
69 132.2 26.7 40.1#
84 138.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.862 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

Tgt Ion: 65 Resp: 52802
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008194.D

Acq: 04 Apr 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

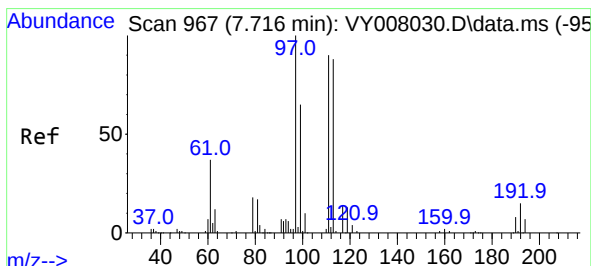
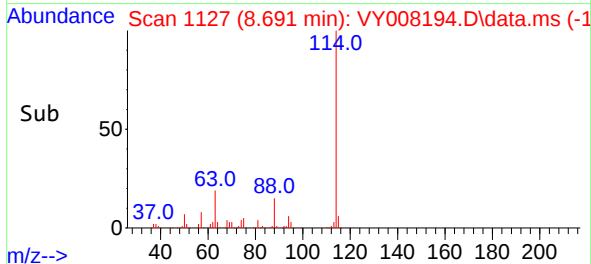
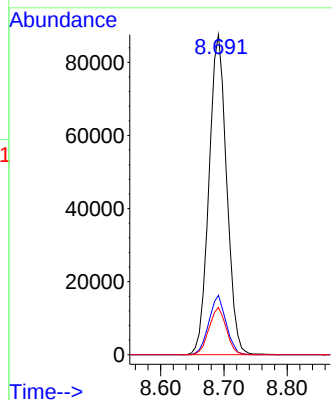
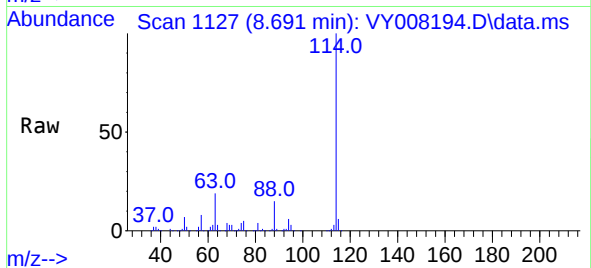
Tgt Ion:114 Resp: 169973

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008194.D

Acq: 04 Apr 2022 20:33

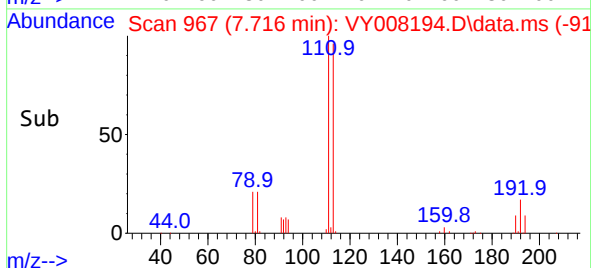
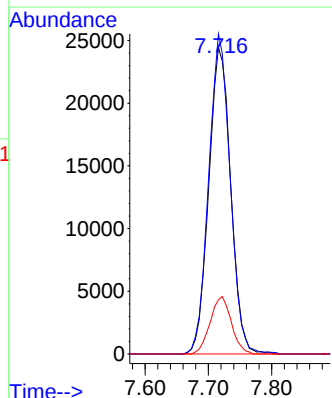
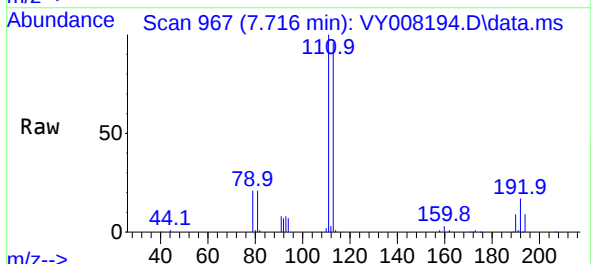
Tgt Ion:113 Resp: 58901

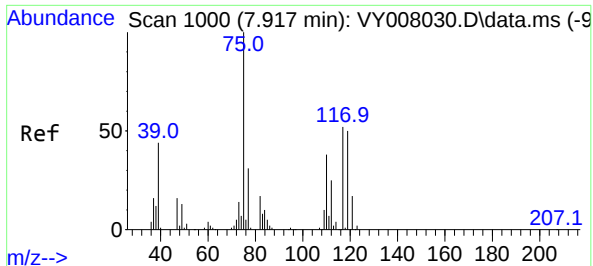
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.897 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

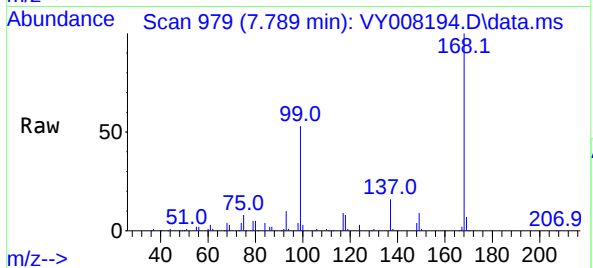
Lab File: VY008194.D

Acq: 04 Apr 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :



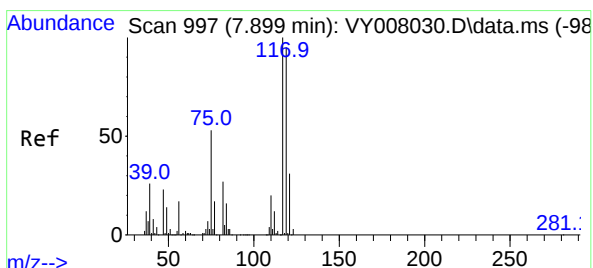
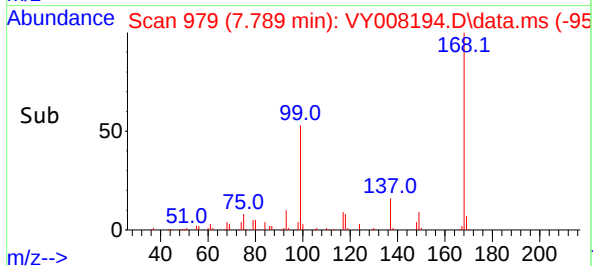
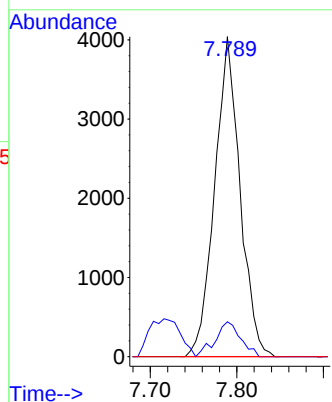
Tgt Ion: 75 Resp: 8197

Ion Ratio Lower Upper

75 100

110 10.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.681 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008194.D

Acq: 04 Apr 2022 20:33

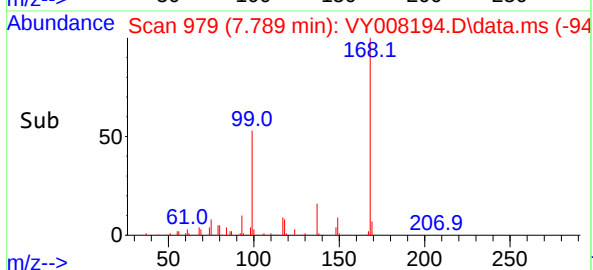
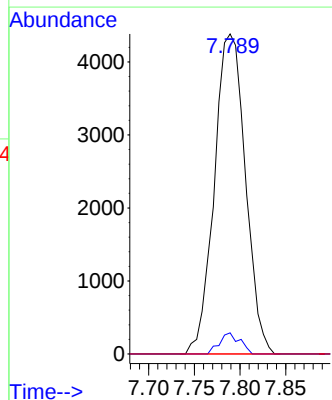
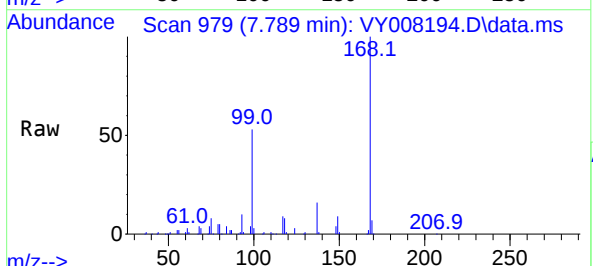
Tgt Ion: 117 Resp: 10364

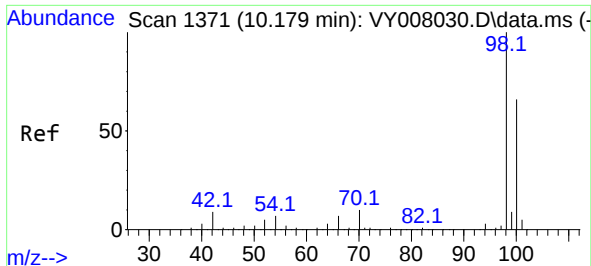
Ion Ratio Lower Upper

117 100

119 6.6 77.9 116.9#

121 0.0 24.8 37.2#

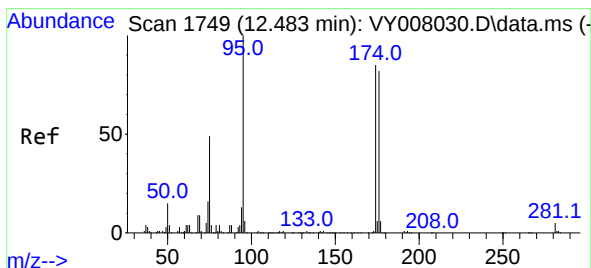
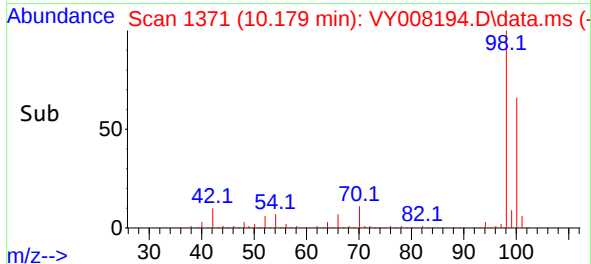
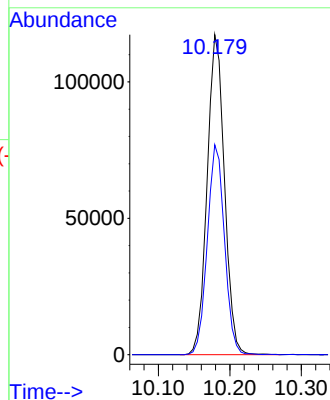
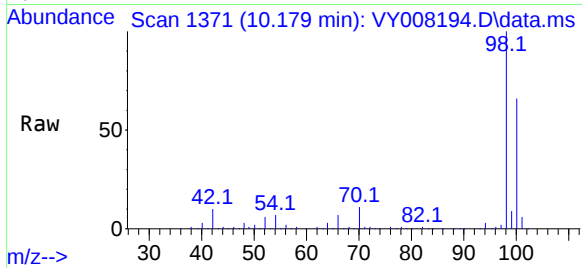




#50
Toluene-d8
Concen: 49.052 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

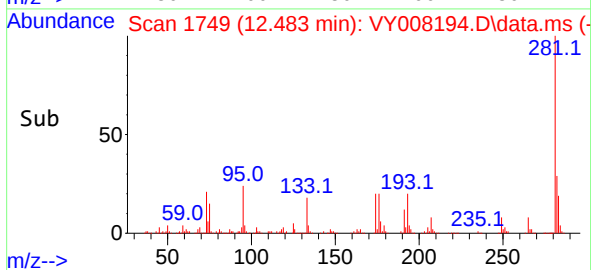
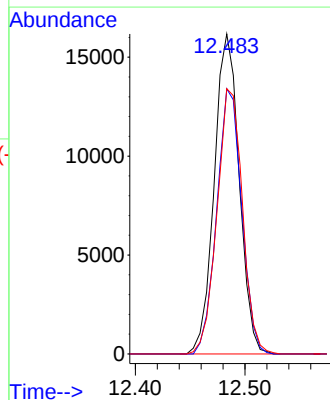
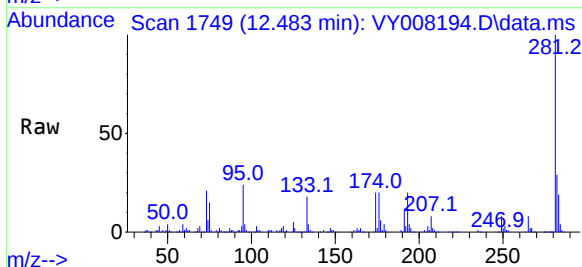
Instrument :
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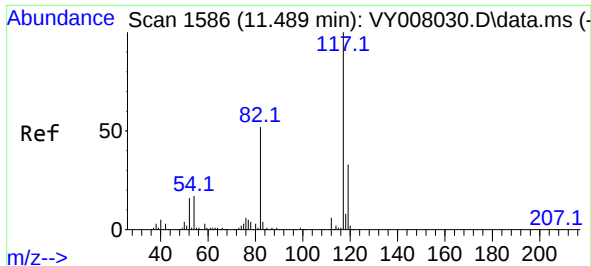
Tgt Ion: 98 Resp: 196943
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 18.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

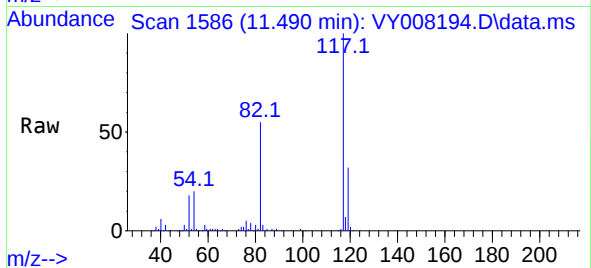
Tgt Ion: 95 Resp: 25549
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 84.3 0.0 175.8



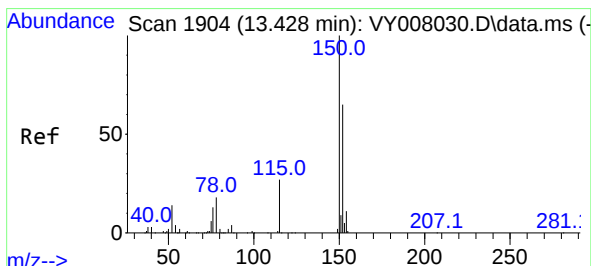
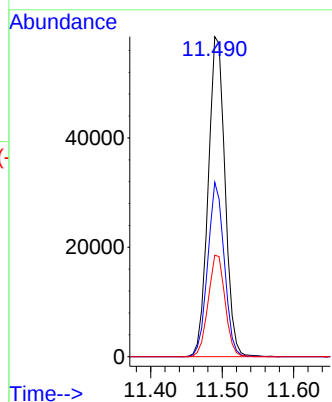
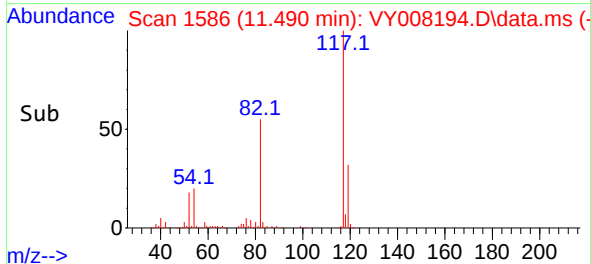


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

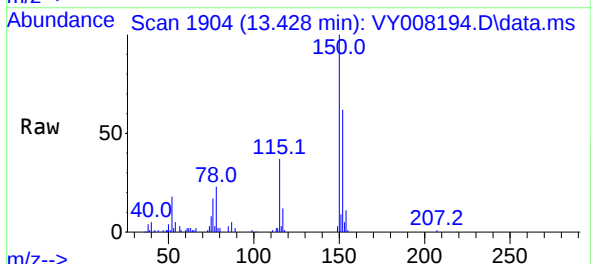
Instrument :
MSVOA_Y
ClientSampleId :



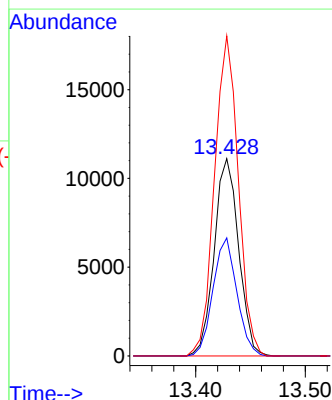
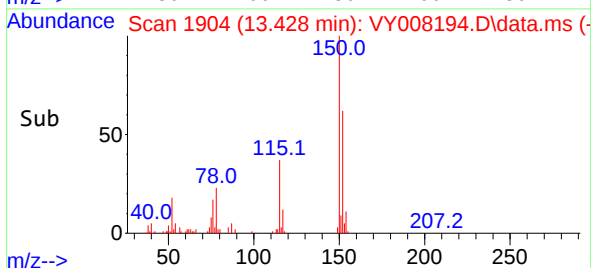
Tgt Ion:117 Resp: 95702
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.7 25.4 38.0

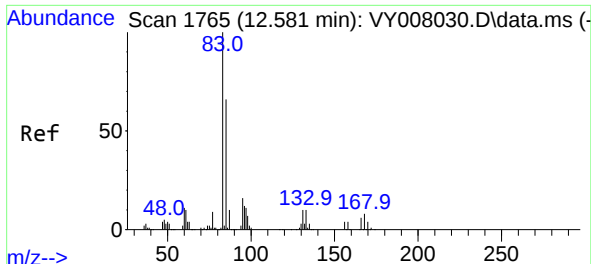


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33



Tgt Ion:152 Resp: 17213
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.8 0.0 347.6

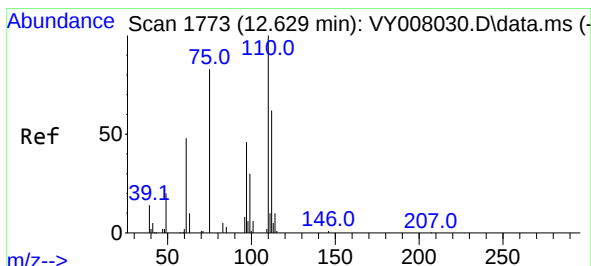
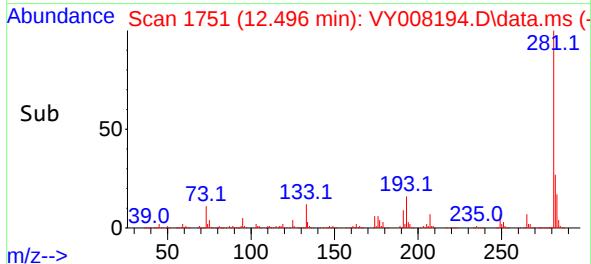
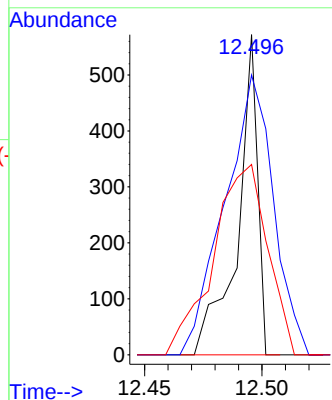
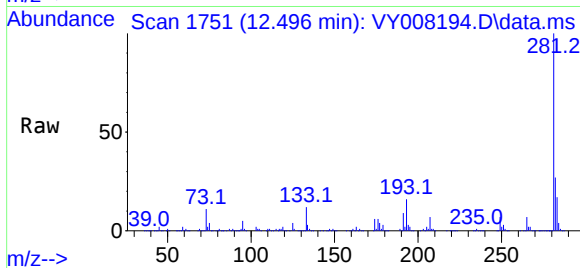




#75
1,1,2,2-Tetrachloroethane
Concen: 1.217 ug/l
RT: 12.496 min Scan# 1749
Delta R.T. -0.085 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

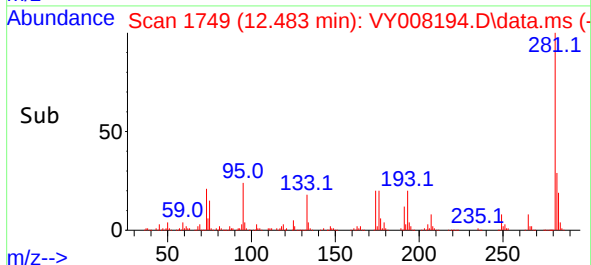
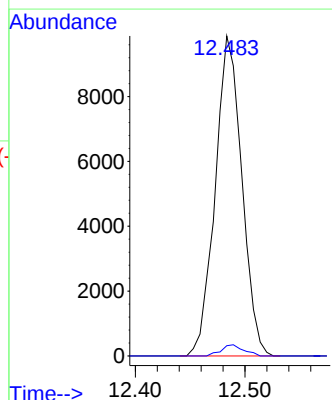
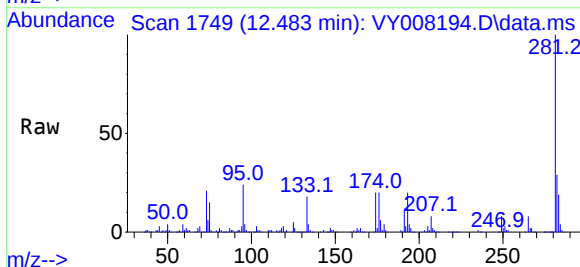
Instrument :
MSVOA_Y
ClientSampleId :

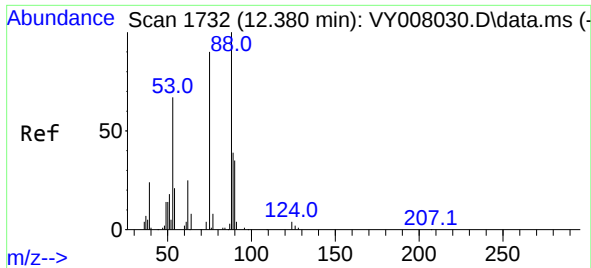
Tgt Ion: 83 Resp: 336
Ion Ratio Lower Upper
83 100
131 214.6 5.6 16.8#
85 162.5 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 79.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

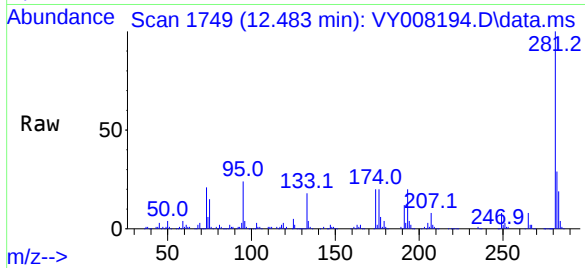
Tgt Ion: 75 Resp: 16670
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 177.257 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008194.D
Acq: 04 Apr 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	16670
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	8.4	37.0	55.4#

