

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011076.D
 Acq On : 24 Oct 2022 17:52
 Operator : KP/MD
 Sample : N5238-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20430

Quant Time: Oct 25 05:47:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

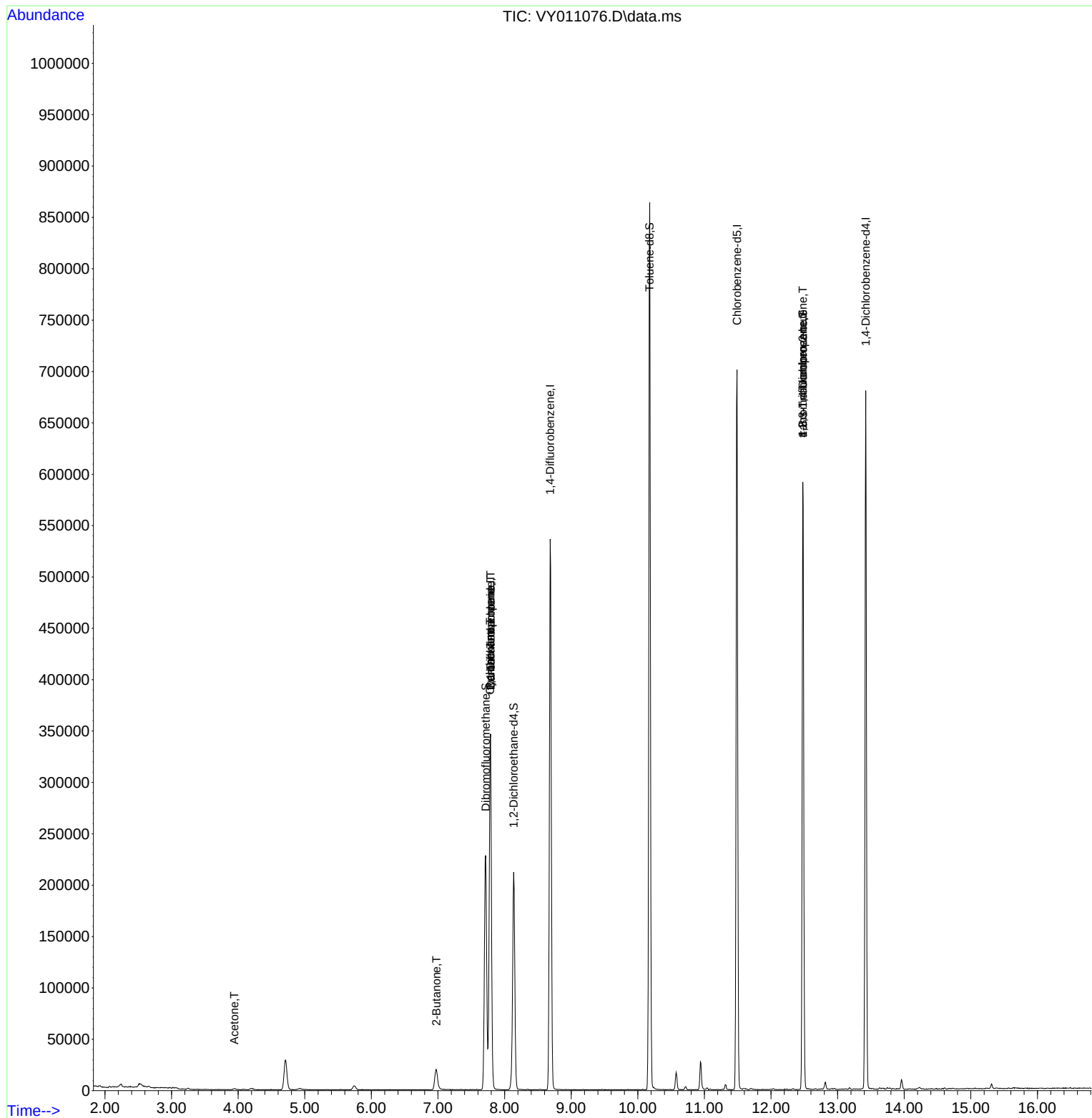
Internal Standards						
1) Pentafluorobenzene	7.789	168	275393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	398274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156250	61.594	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.180%			
35) Dibromofluoromethane	7.716	113	167610	64.565	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 129.140%			
50) Toluene-d8	10.179	98	568151	57.860	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.720%			
62) 4-Bromofluorobenzene	12.477	95	183507	52.938	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.880%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.911	59	688	Below Cal	#	77
16) Acetone	3.942	43	1864	2.530	ug/l	96
18) Methyl Acetate	4.466	43	345	Below Cal	#	56
25) 2-Butanone	6.978	43	1755	1.571	ug/l	# 76
31) Cyclohexane	7.783	56	5289	1.090	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	20991	4.795	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	26418	5.846	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	89766	45.858	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	89766	98.627	ug/l	# 7

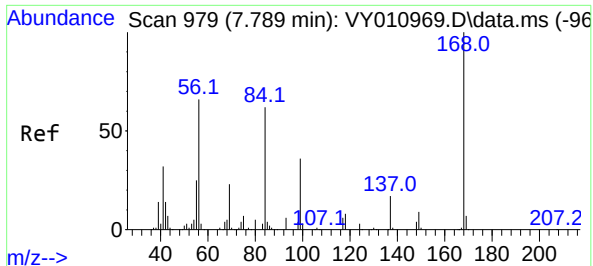
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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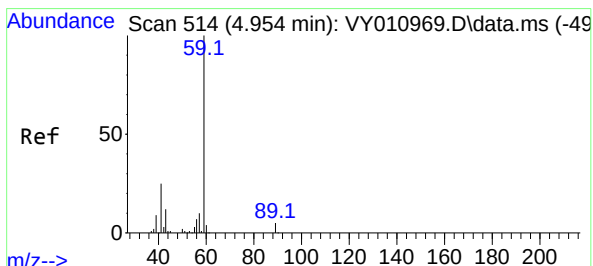
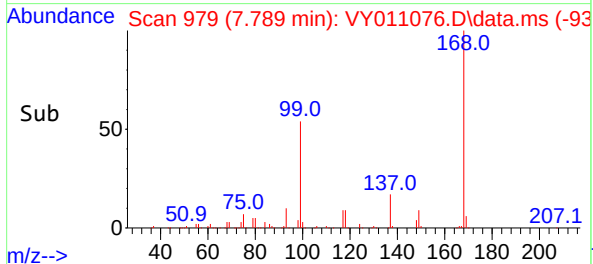
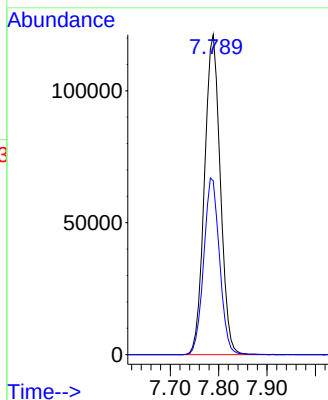
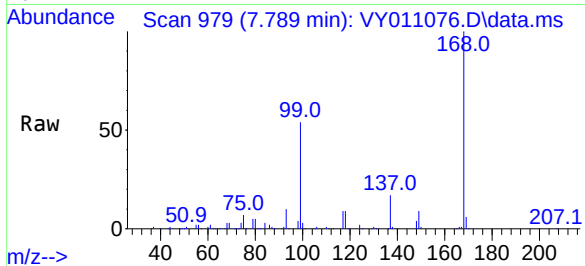




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

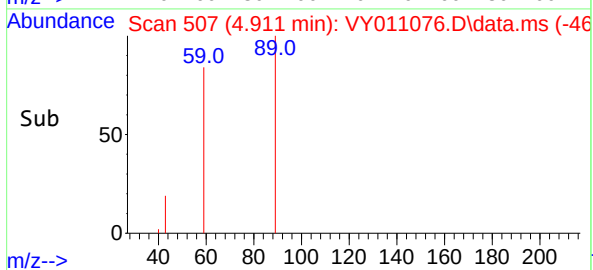
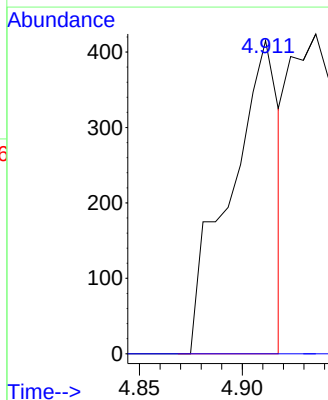
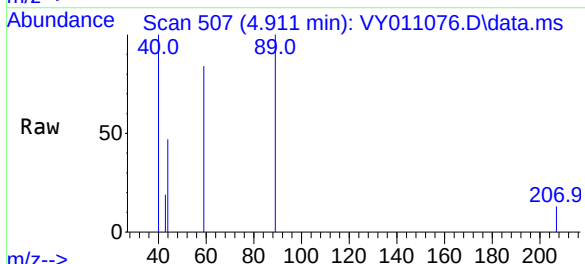
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20430

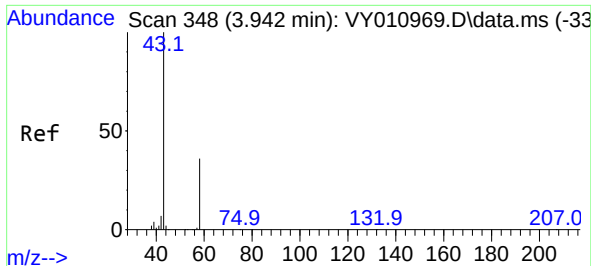
Tgt Ion:168 Resp: 275393
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

Tgt Ion: 59 Resp: 688
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

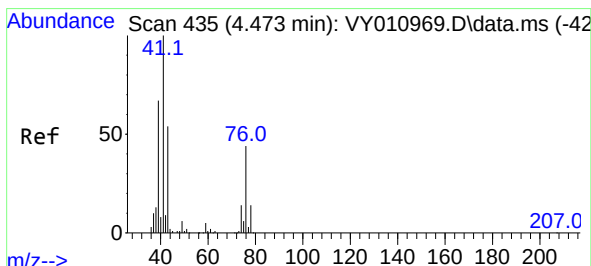
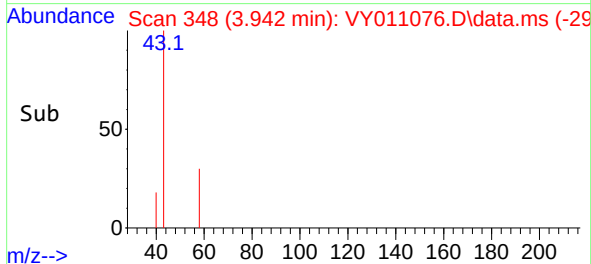
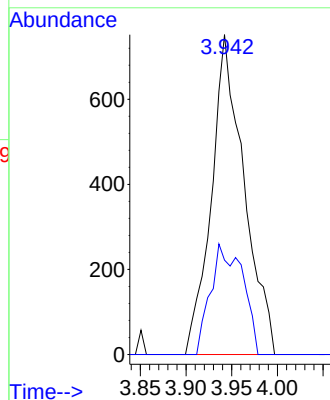
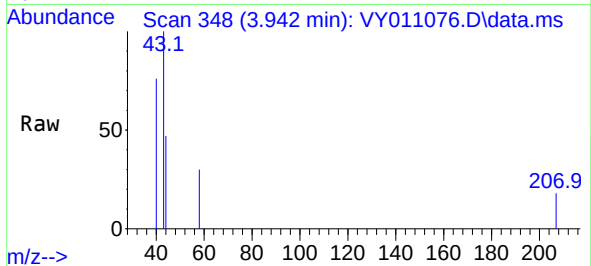




#16
Acetone
Concen: 2.530 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

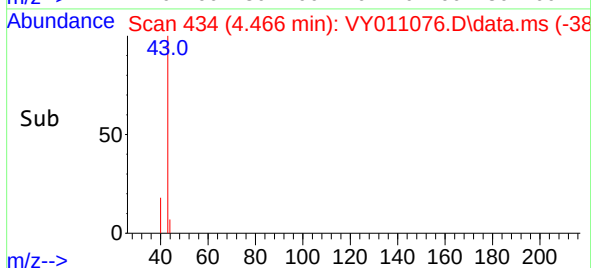
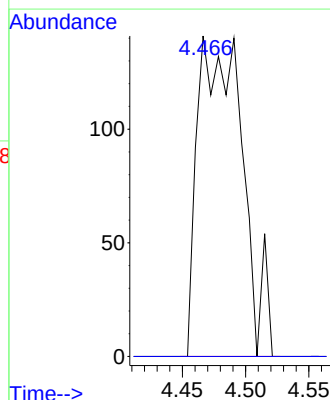
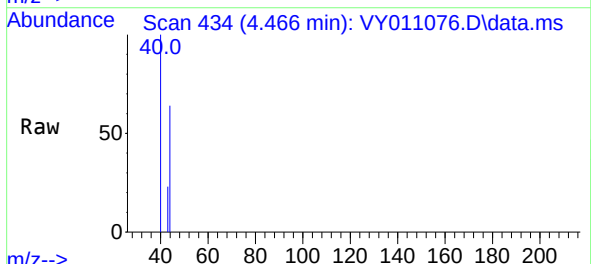
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20430

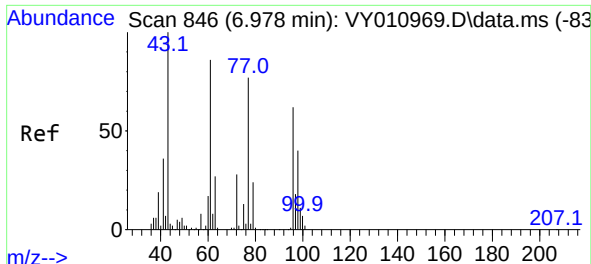
Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

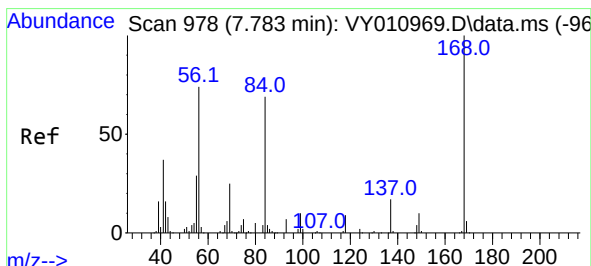
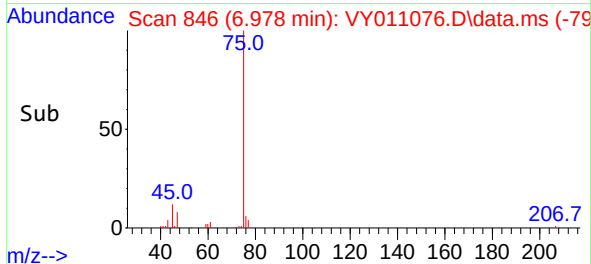
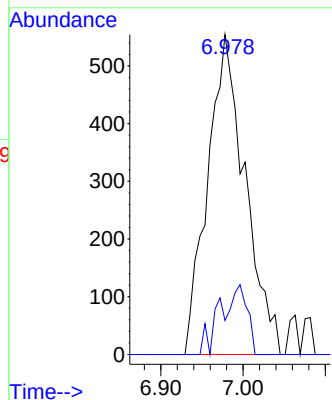
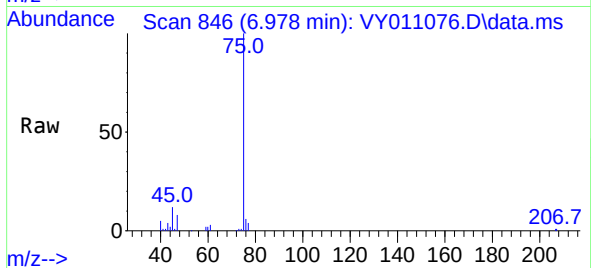




#25
2-Butanone
Concen: 1.571 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

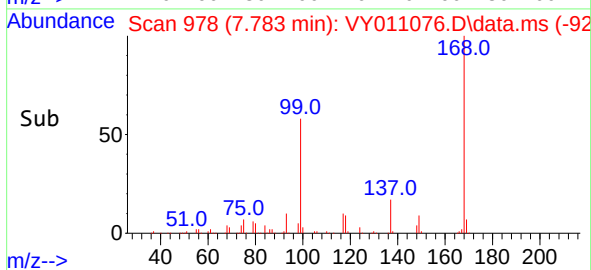
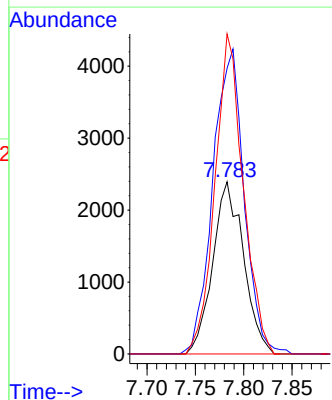
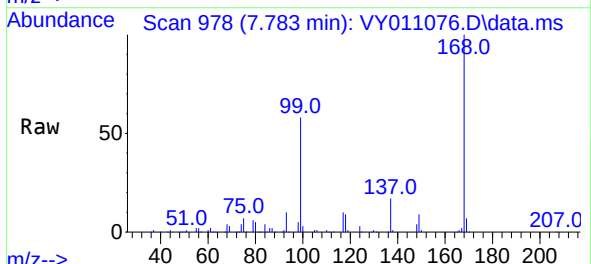
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20430

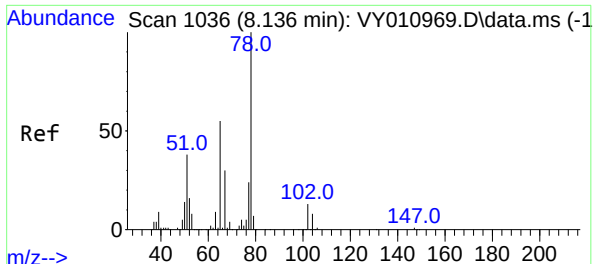
Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
72 10.6 17.7 26.5#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

Tgt Ion: 56 Resp: 5289
Ion Ratio Lower Upper
56 100
69 165.8 26.7 40.1#
84 190.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.594 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011076.D

Acq: 24 Oct 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

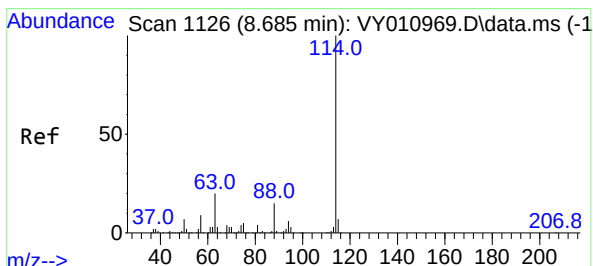
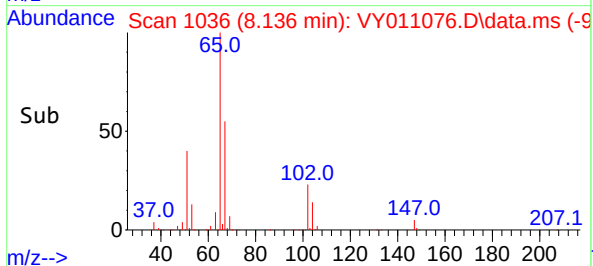
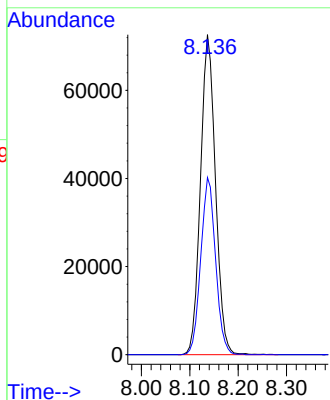
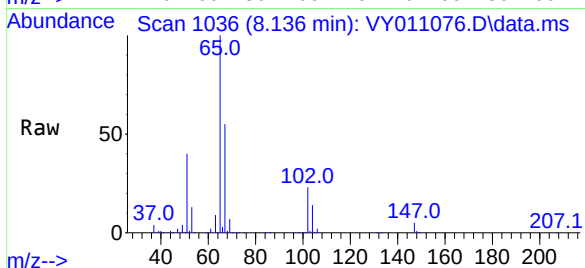
CHRT-20430

Tgt Ion: 65 Resp: 156250

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011076.D

Acq: 24 Oct 2022 17:52

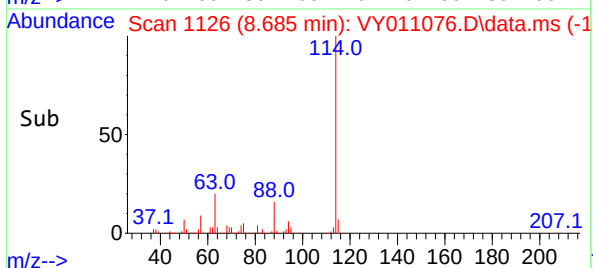
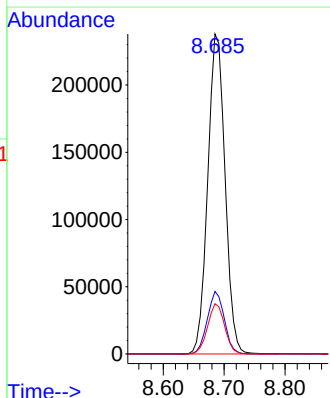
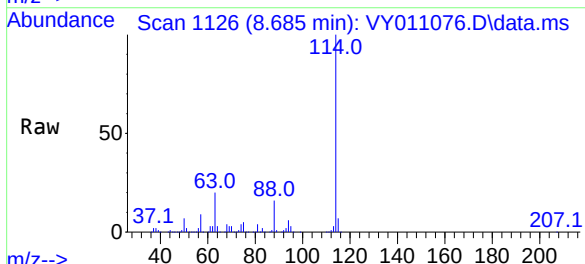
Tgt Ion: 114 Resp: 470279

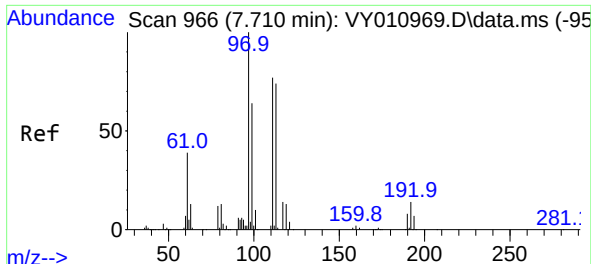
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 64.565 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011076.D

Acq: 24 Oct 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-20430

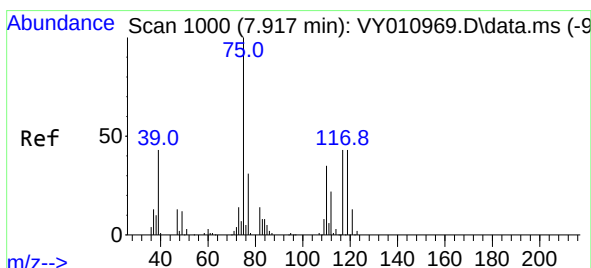
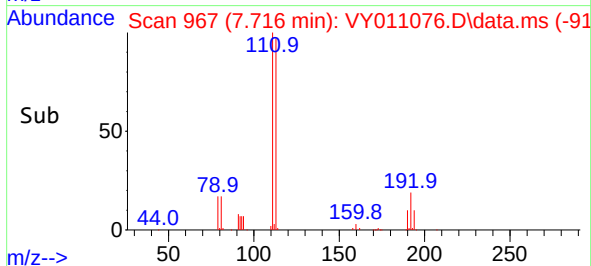
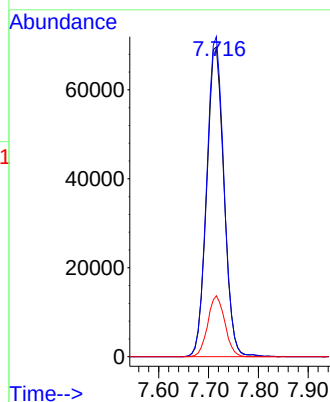
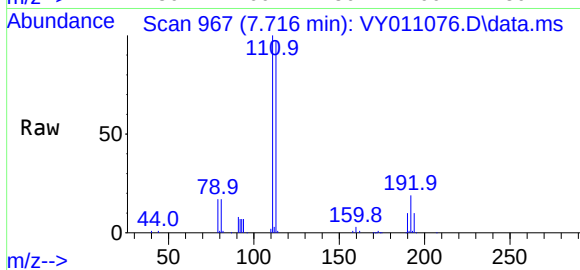
Tgt Ion:113 Resp: 167610

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.4 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.795 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY011076.D

Acq: 24 Oct 2022 17:52

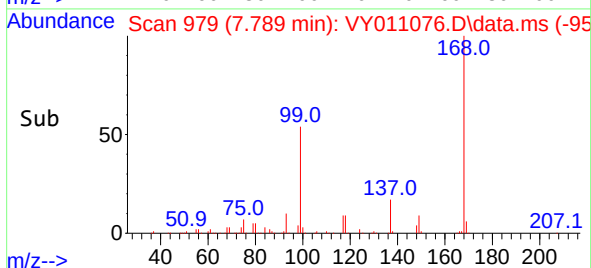
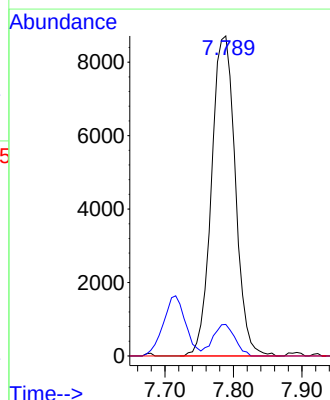
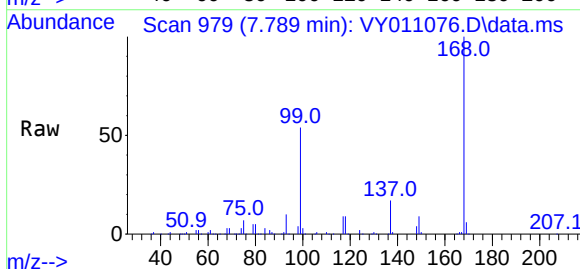
Tgt Ion: 75 Resp: 20991

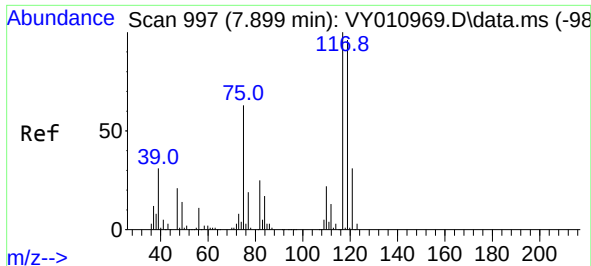
Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#

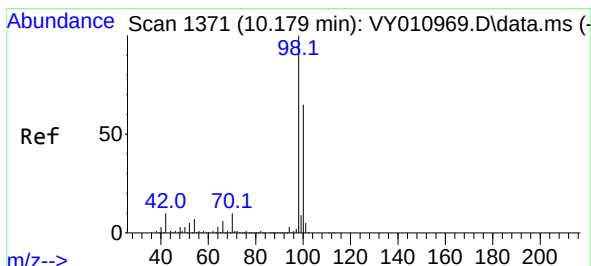
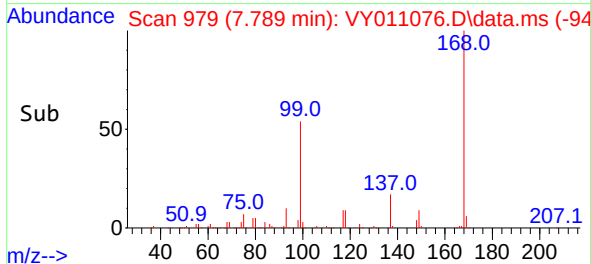
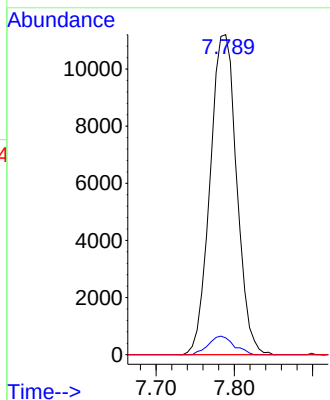
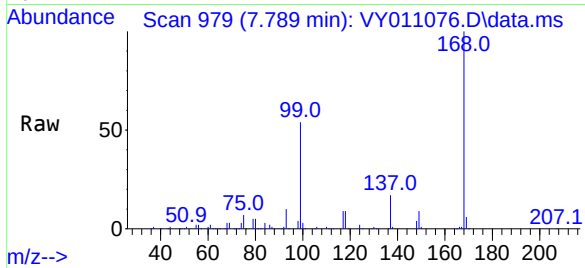




#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

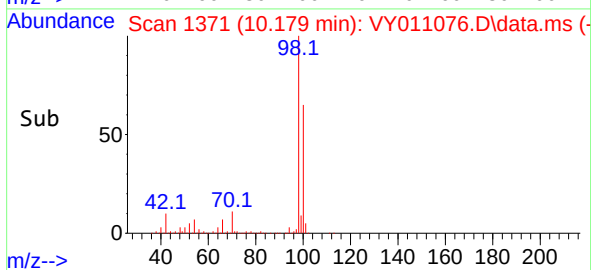
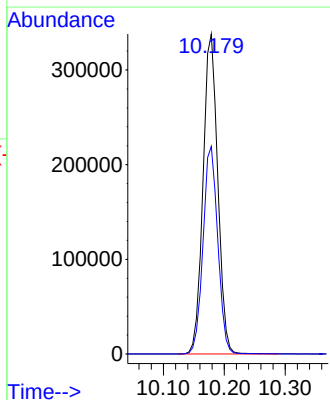
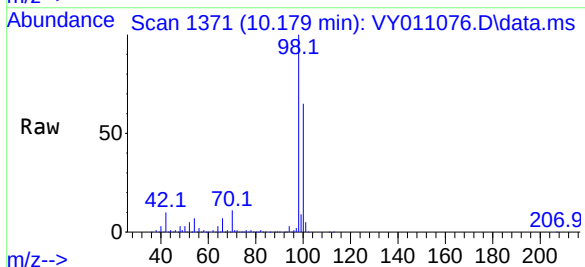
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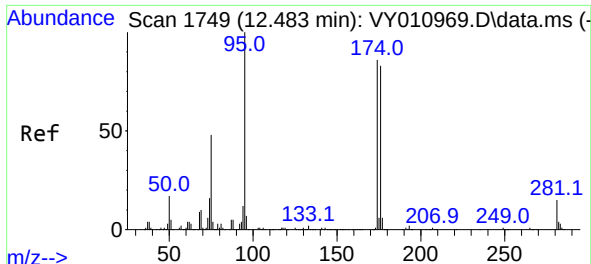
Tgt Ion:117 Resp: 26418
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.860 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

Tgt Ion: 98 Resp: 568151
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

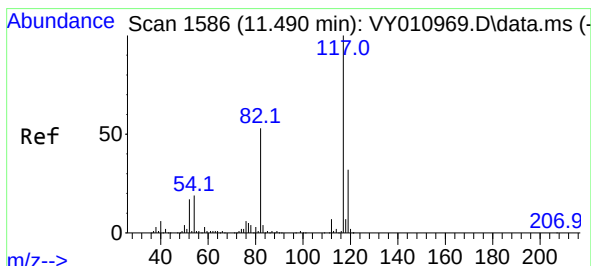
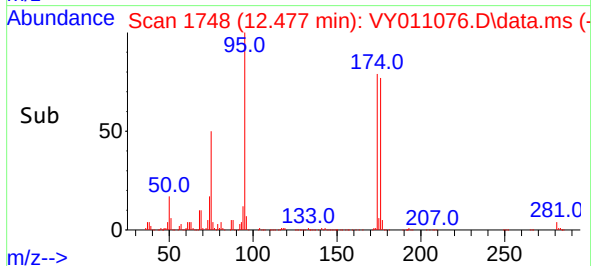
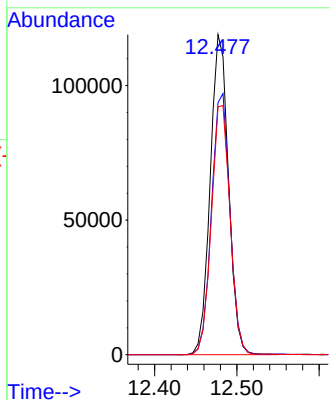
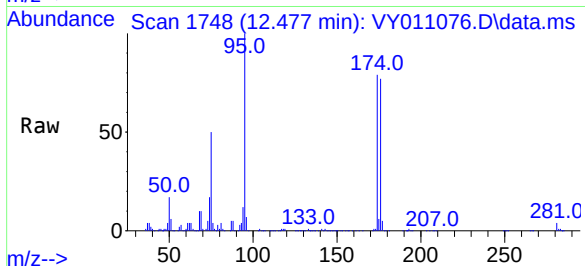




#62
4-Bromofluorobenzene
Concen: 52.938 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

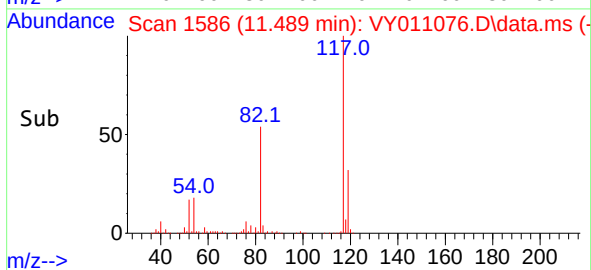
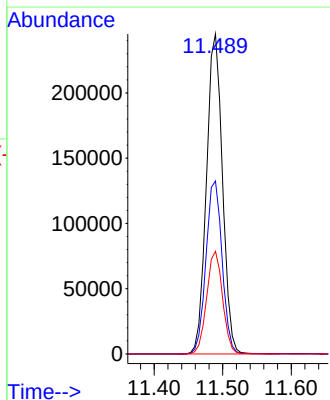
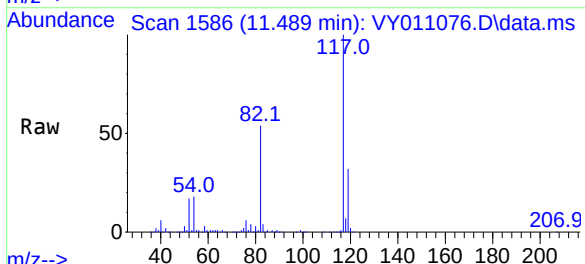
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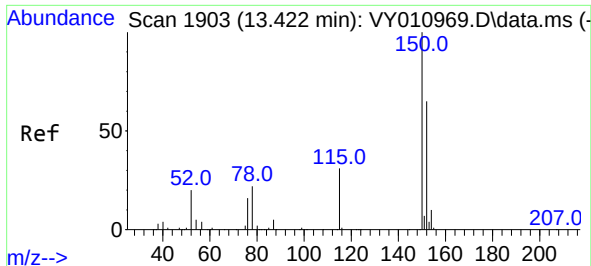
Tgt Ion: 95 Resp: 183507
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

Tgt Ion: 117 Resp: 398274
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 25.4 38.0

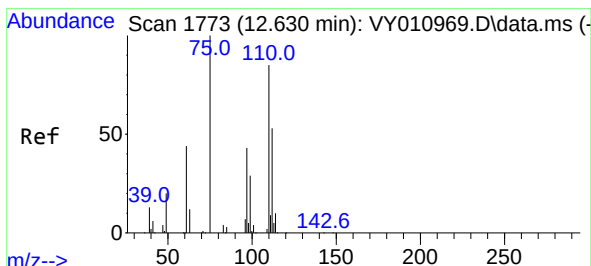
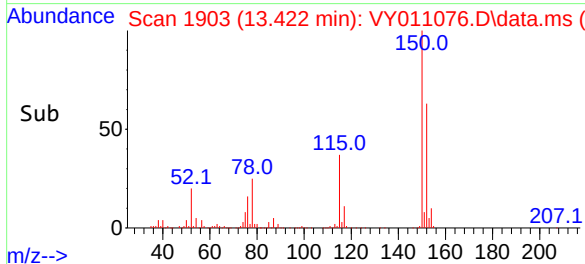
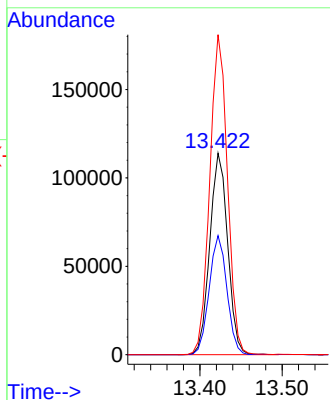
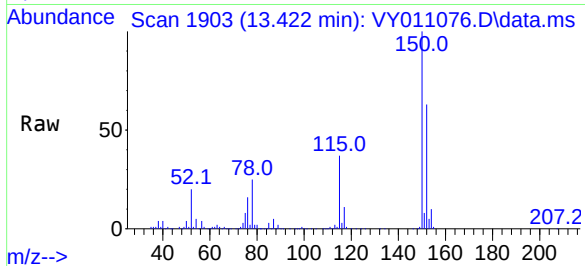




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

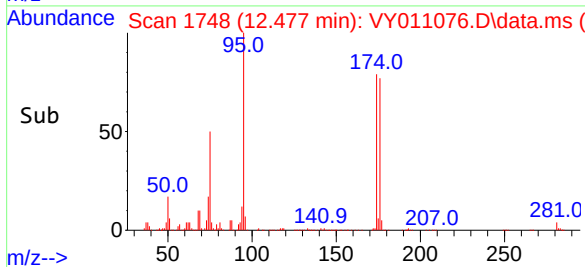
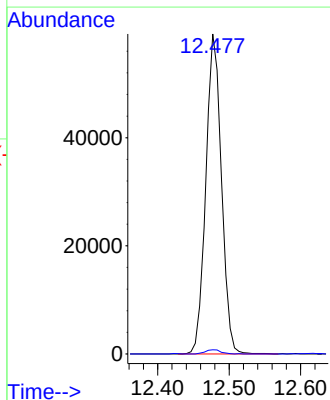
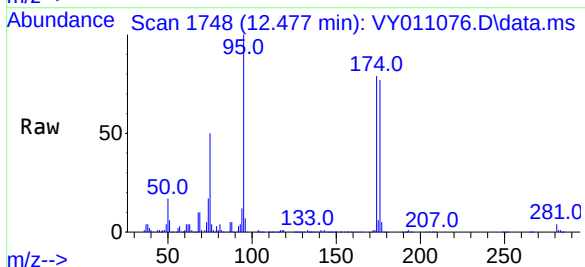
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20430

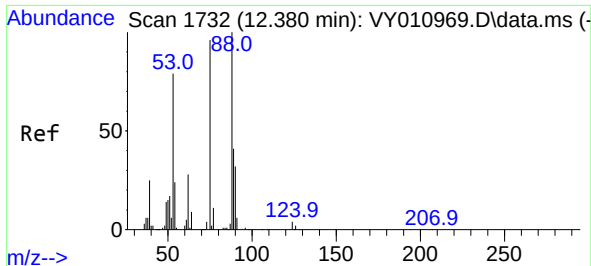
Tgt Ion:152 Resp: 172418
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.858 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

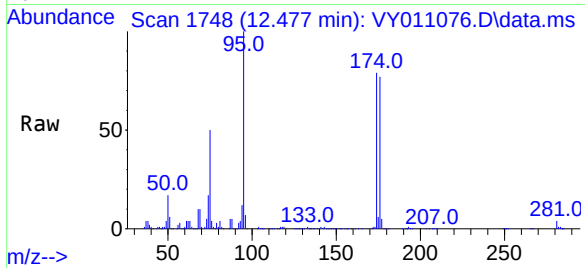
Tgt Ion: 75 Resp: 89766
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.627 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011076.D
Acq: 24 Oct 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20430



Tgt Ion: 75 Resp: 89766
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

