

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008203.D
 Acq On : 05 Apr 2022 12:43
 Operator : SY/MD
 Sample : N2220-15RE
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A06135RE

Quant Time: Apr 06 03:56:12 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)

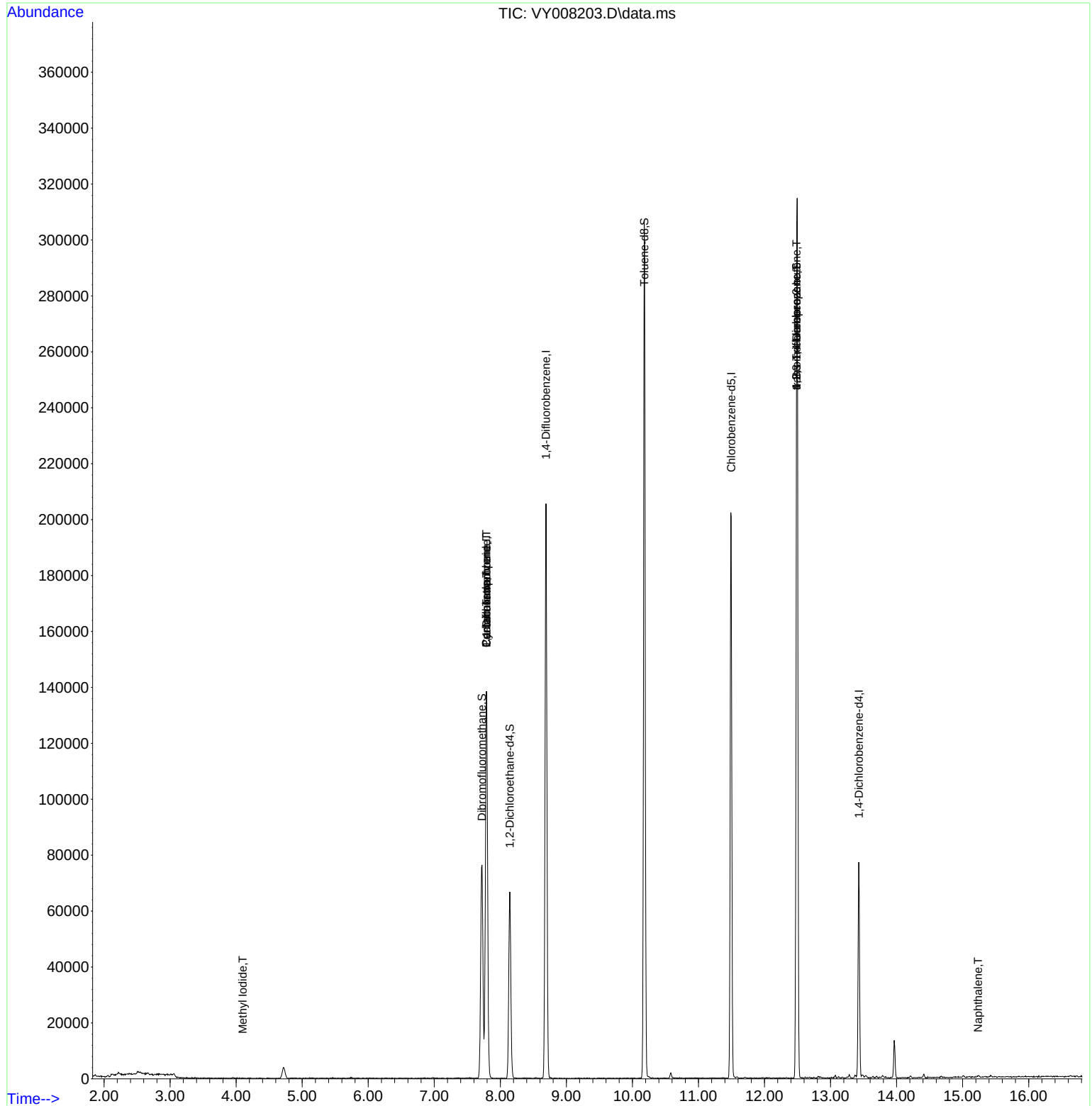
Internal Standards						
1) Pentafluorobenzene	7.789	168	110558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	116449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49395	44.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.060%
35) Dibromofluoromethane	7.722	113	55499	48.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.179	98	209202	48.051	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.483	95	30657	19.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.920%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	159	1.801	ug/l #	35
18) Methyl Acetate	4.478	43	117	Below Cal	#	56
20) Methylene Chloride	4.716	84	3285	Below Cal	#	79
31) Cyclohexane	7.789	56	2110	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8342	4.596	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11050	5.586	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	17890	75.774	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17890	169.064	ug/l #	9
95) Naphthalene	15.233	128	910	1.074	ug/l #	69

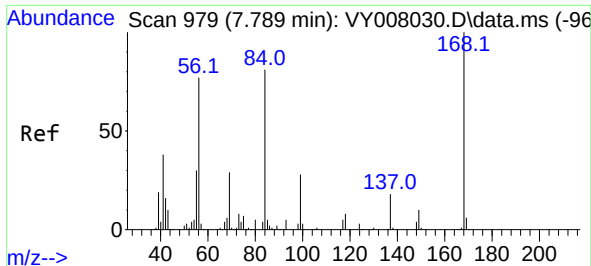
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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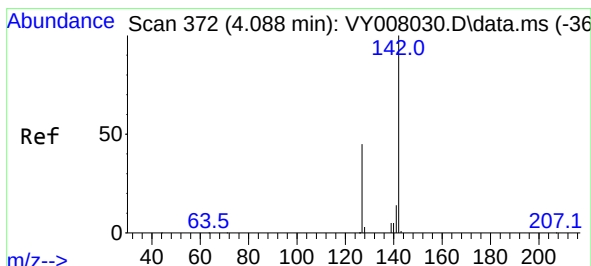
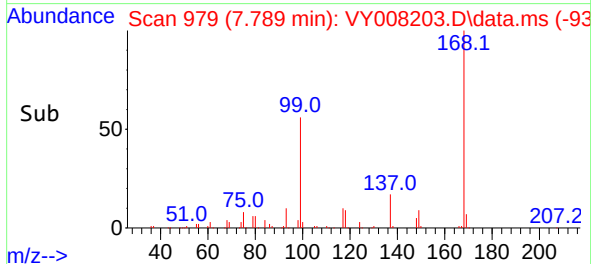
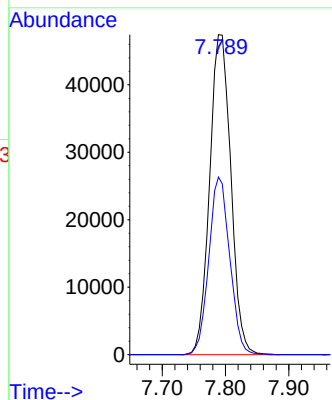
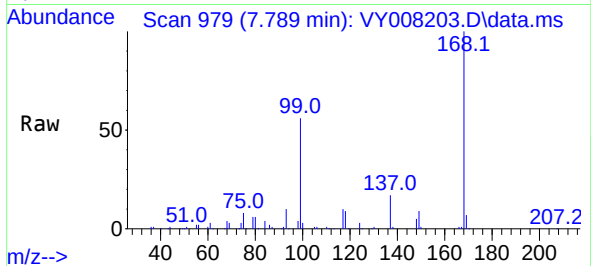




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

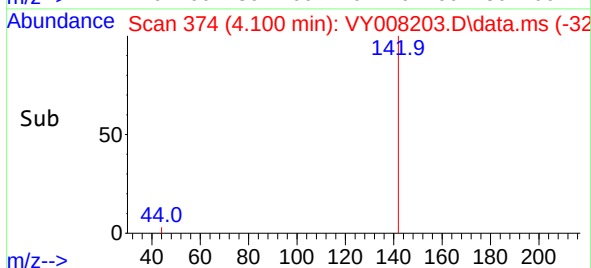
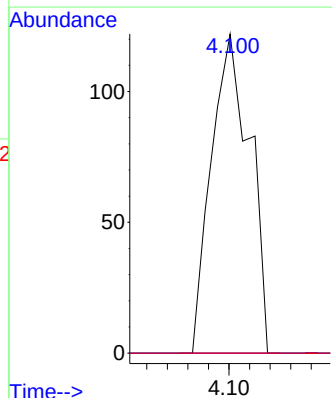
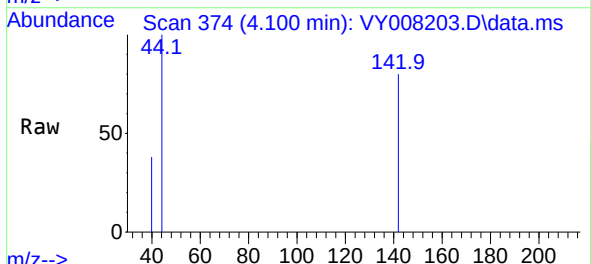
Instrument :
MSVOA_Y
ClientSampleId :
A06135RE

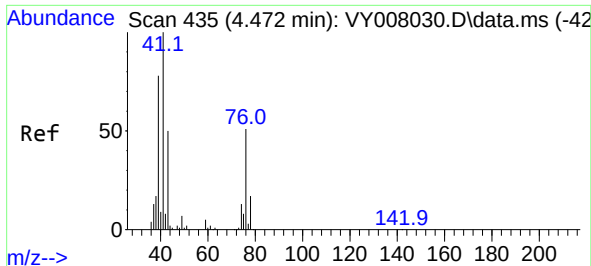
Tgt Ion:168 Resp: 110558
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.801 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY008203.D

Acq: 05 Apr 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

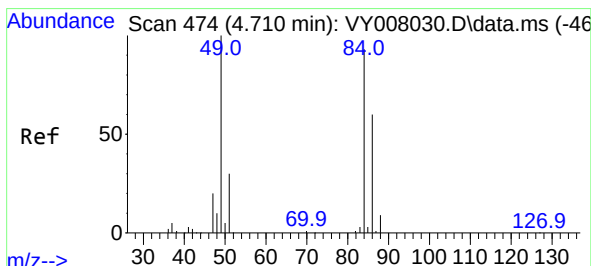
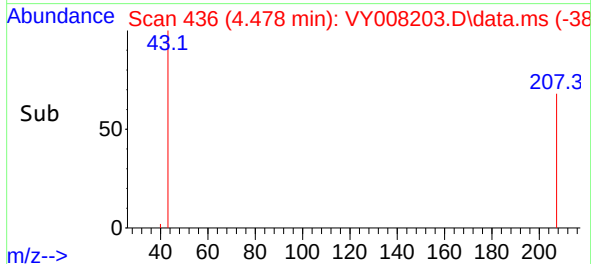
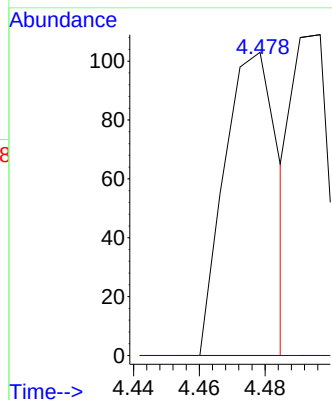
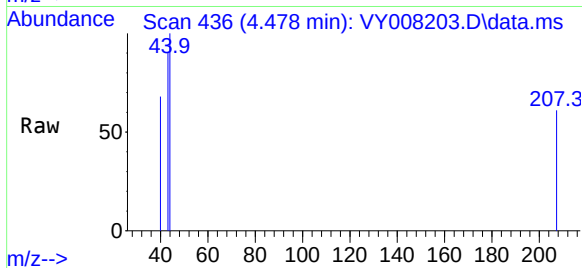
A06135RE

Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008203.D

Acq: 05 Apr 2022 12:43

Tgt Ion: 84 Resp: 3285

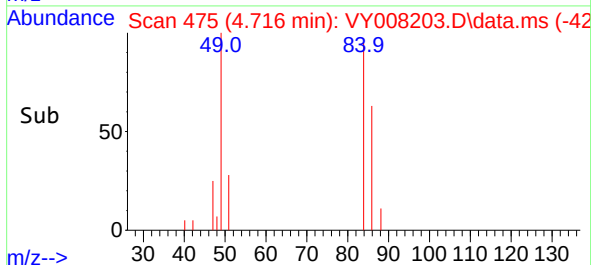
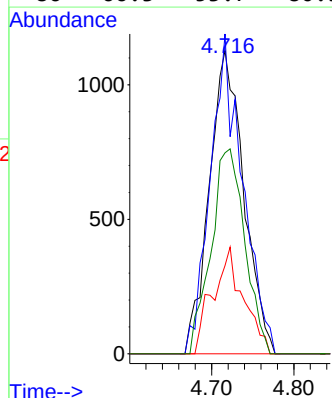
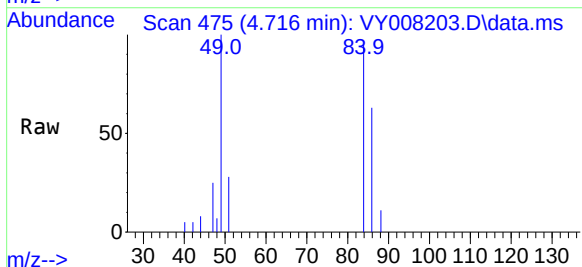
Ion Ratio Lower Upper

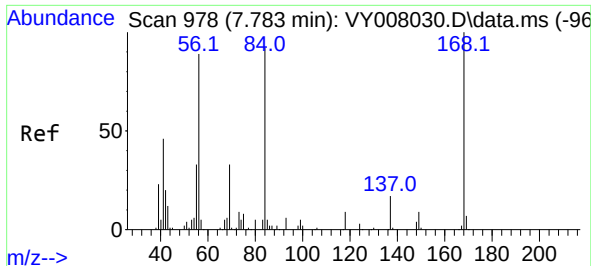
84 100

49 105.5 114.4 171.6#

51 29.1 35.3 52.9#

86 66.3 53.7 80.5

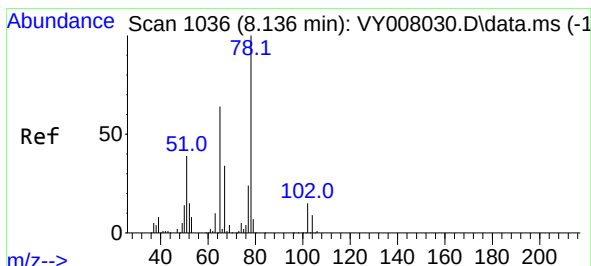
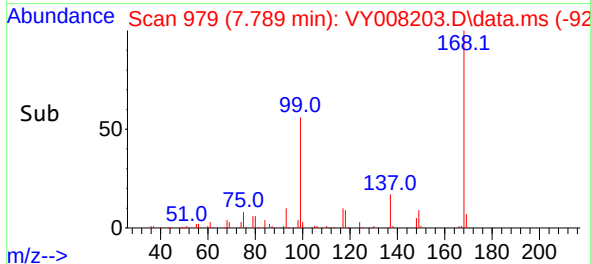
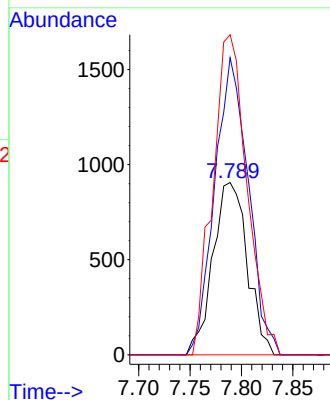
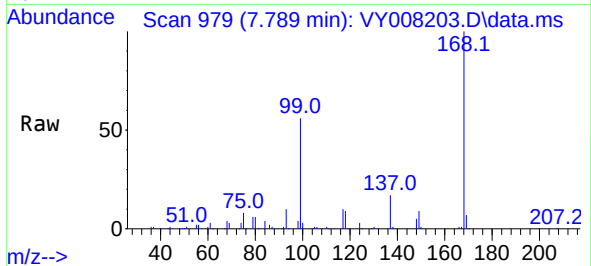




#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

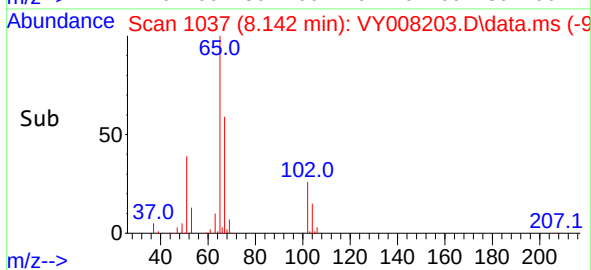
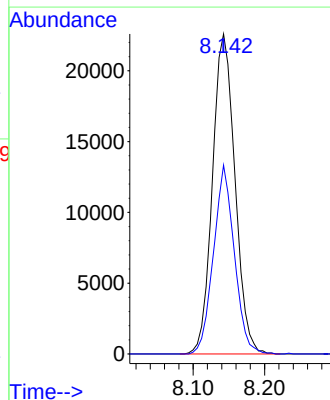
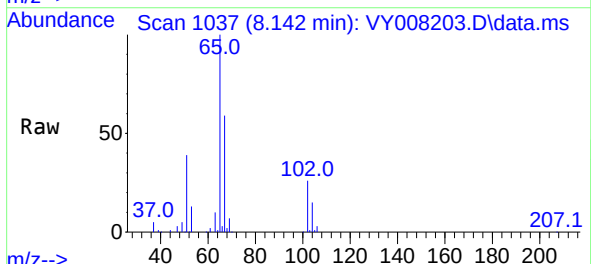
Instrument :
MSVOA_Y
ClientSampleId :
A06135RE

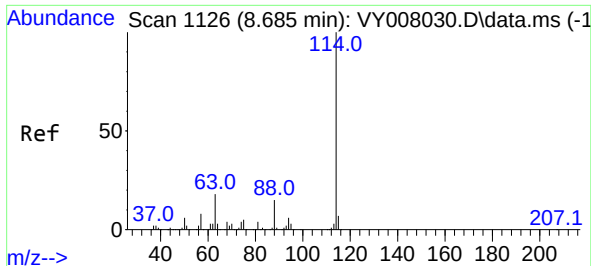
Tgt Ion: 56 Resp: 2110
Ion Ratio Lower Upper
56 100
69 172.4 26.7 40.1#
84 185.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.531 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Tgt Ion: 65 Resp: 49395
Ion Ratio Lower Upper
65 100
67 54.7 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: VY008203.D

Acq: 05 Apr 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

A06135RE

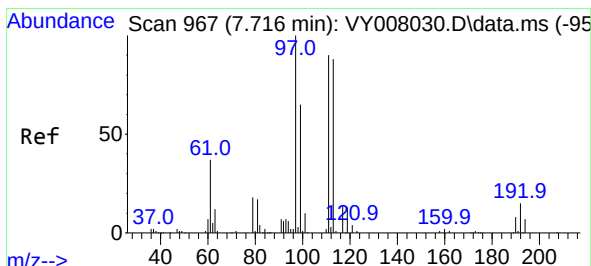
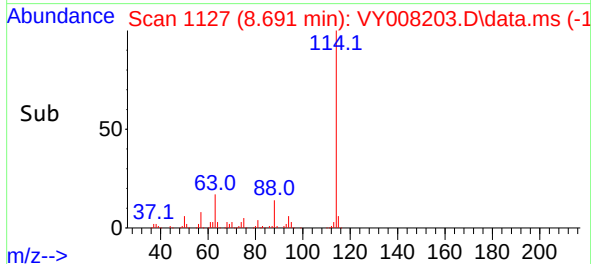
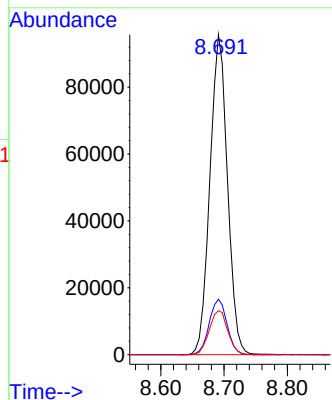
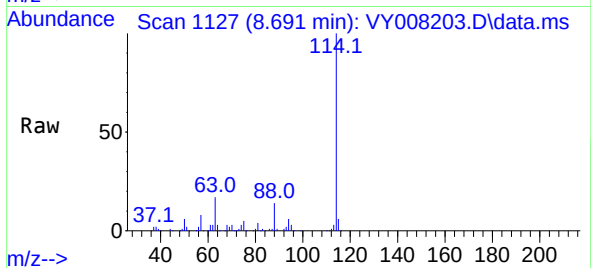
Tgt Ion:114 Resp: 184315

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.026 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008203.D

Acq: 05 Apr 2022 12:43

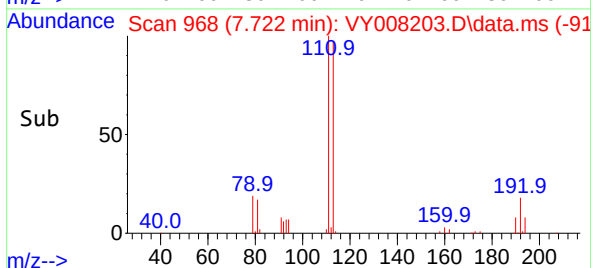
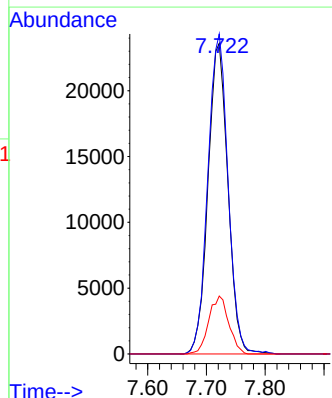
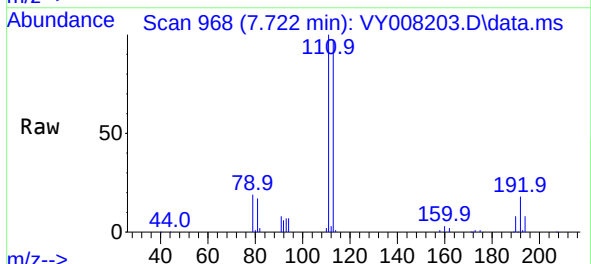
Tgt Ion:113 Resp: 55499

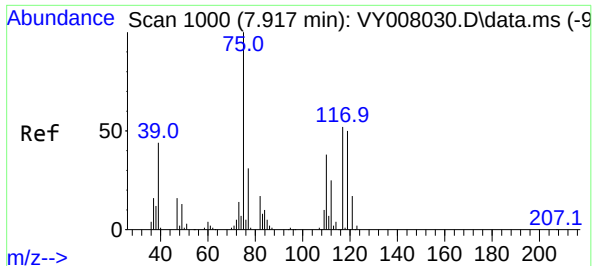
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 18.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.596 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008203.D

Acq: 05 Apr 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

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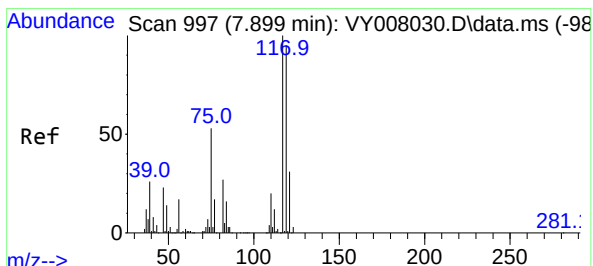
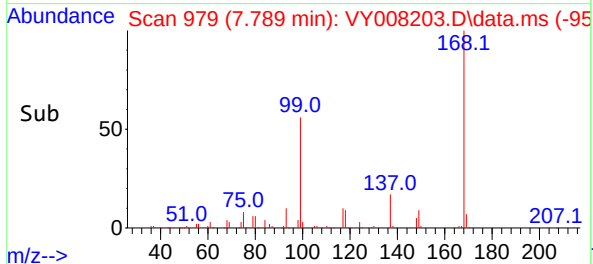
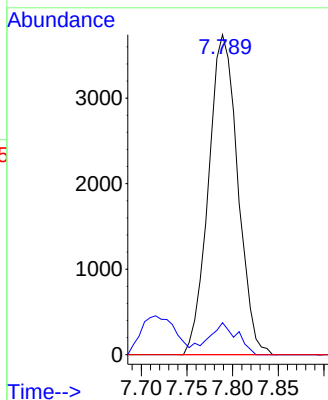
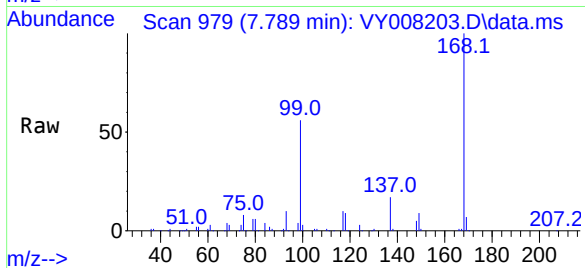
Tgt Ion: 75 Resp: 8342

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.586 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008203.D

Acq: 05 Apr 2022 12:43

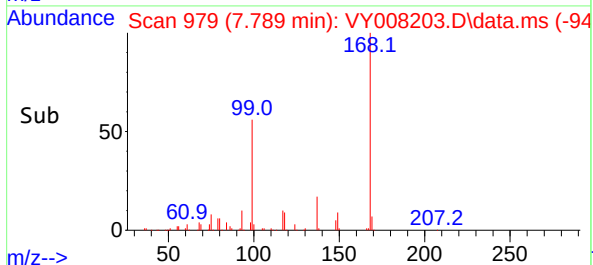
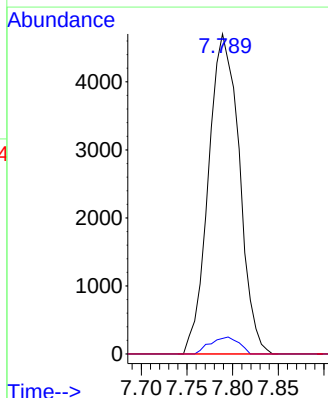
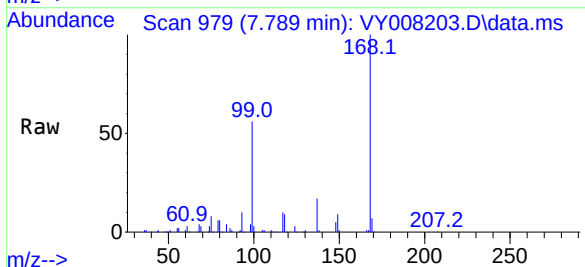
Tgt Ion: 117 Resp: 11050

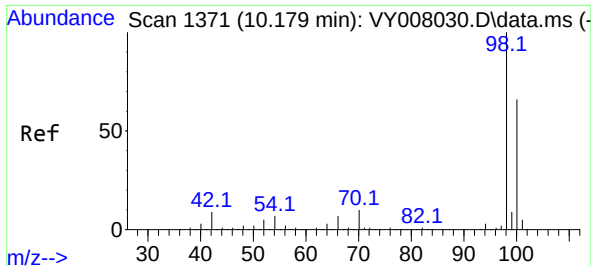
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

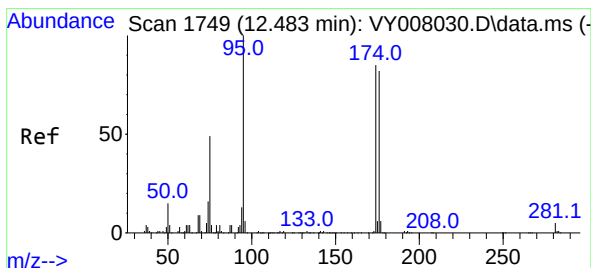
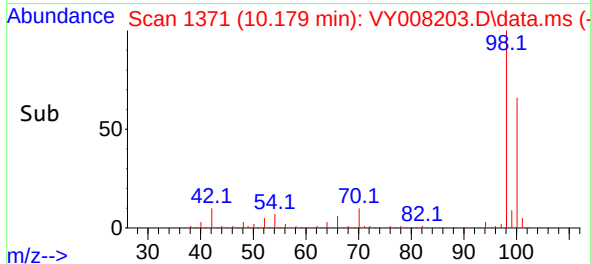
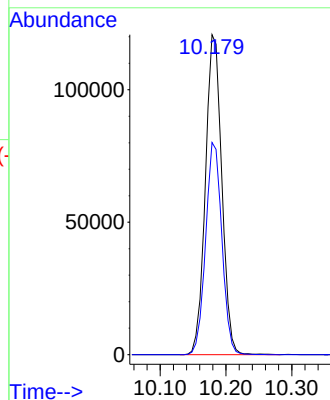
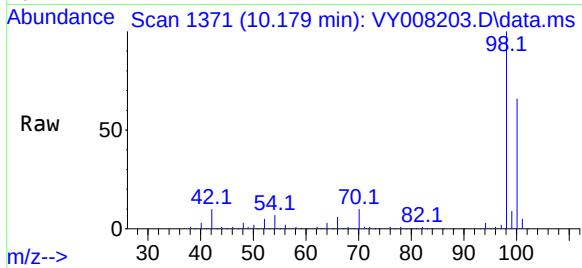




#50
Toluene-d8
Concen: 48.051 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

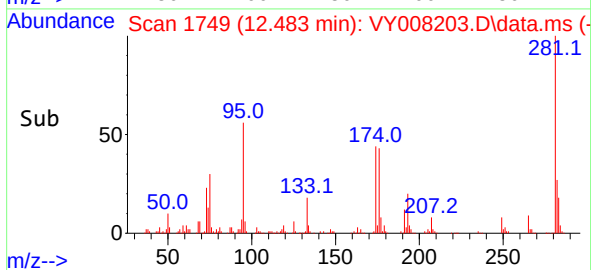
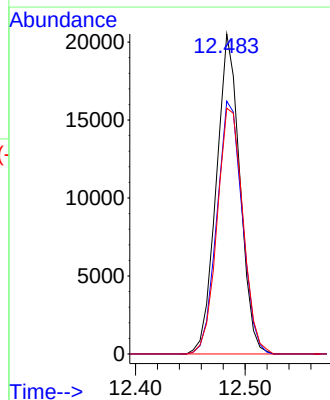
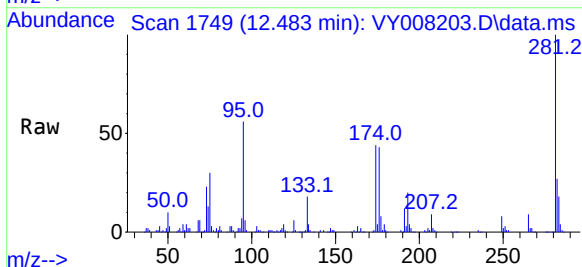
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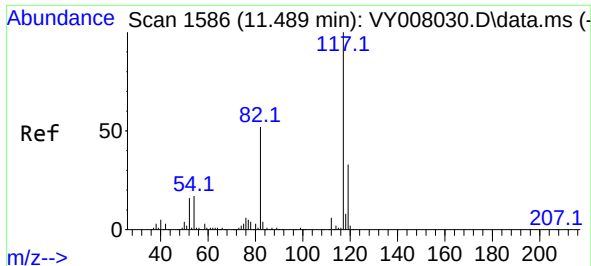
Tgt Ion: 98 Resp: 209202
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 19.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Tgt Ion: 95 Resp: 30657
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 83.9 0.0 175.8

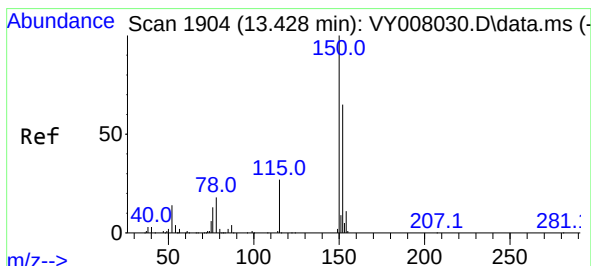
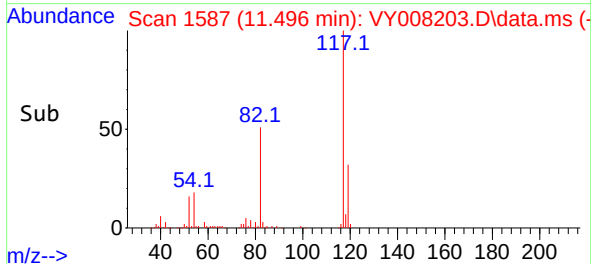
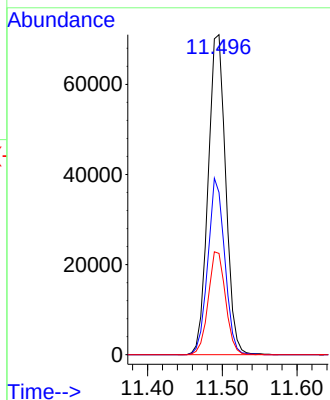
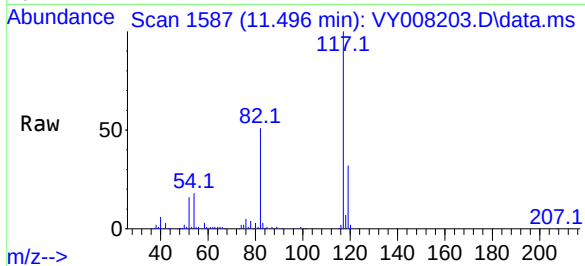




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

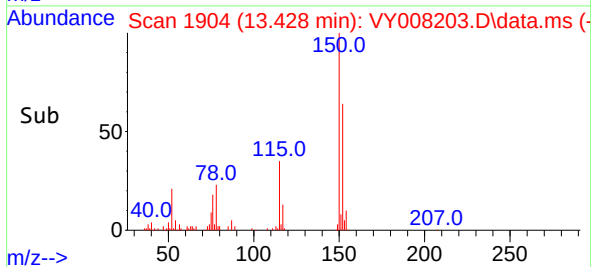
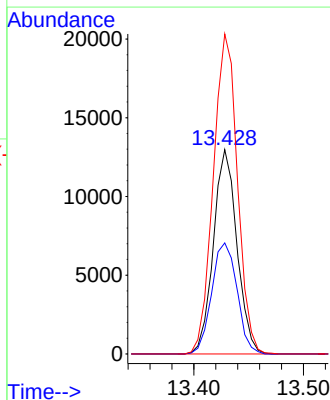
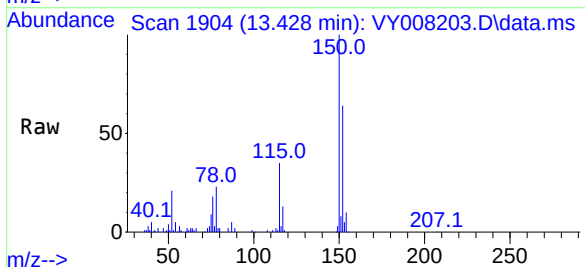
Instrument :
MSVOA_Y
ClientSampleId :
A06135RE

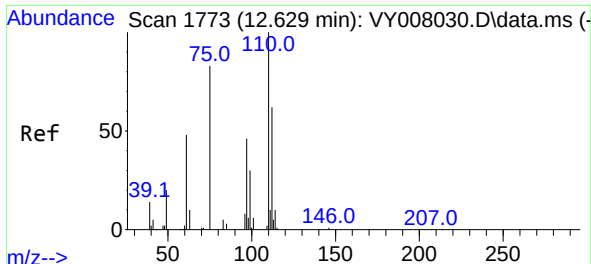
Tgt Ion:117 Resp: 116449
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Tgt Ion:152 Resp: 19368
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 160.6 0.0 347.6

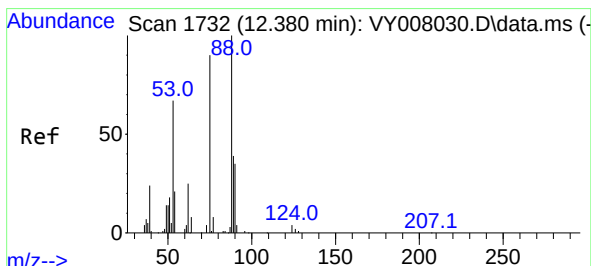
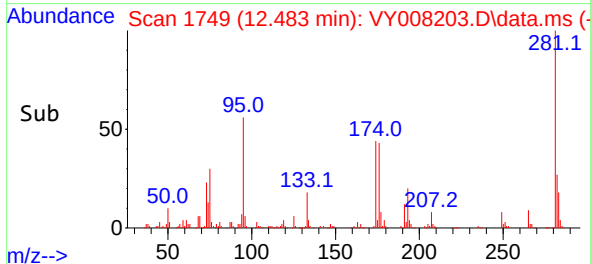
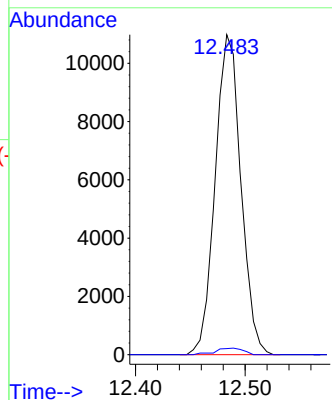
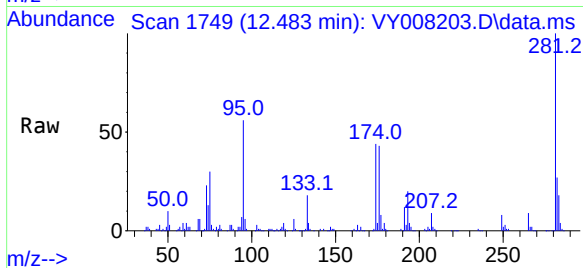




#76
1,2,3-Trichloropropane
Concen: 75.774 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

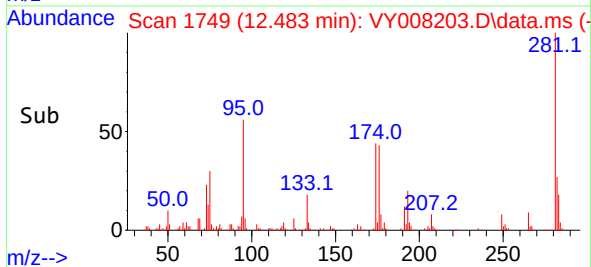
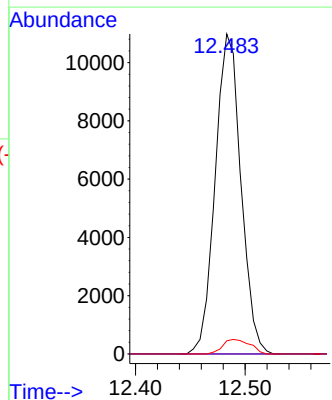
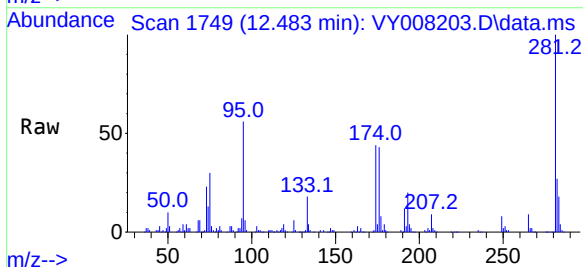
Instrument :
MSVOA_Y
ClientSampleId :
A06135RE

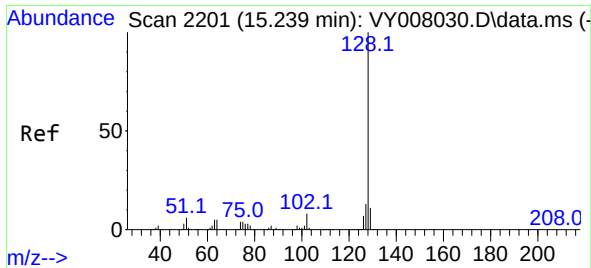
Tgt Ion: 75 Resp: 17890
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 169.064 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

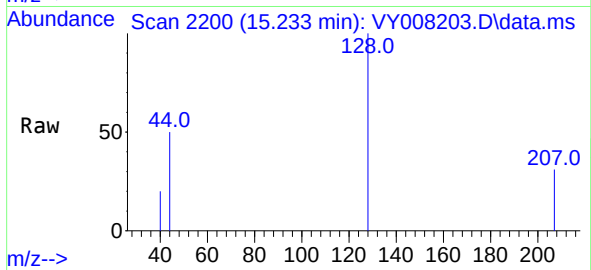
Tgt Ion: 75 Resp: 17890
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.9 37.0 55.4#





#95
Naphthalene
Concen: 1.074 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
A06135RE



Tgt Ion:128 Resp: 910
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

