

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008233.D
 Acq On : 06 Apr 2022 14:34
 Operator : SY/MD
 Sample : N2278-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-040522

Quant Time: Apr 07 02:12:00 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)

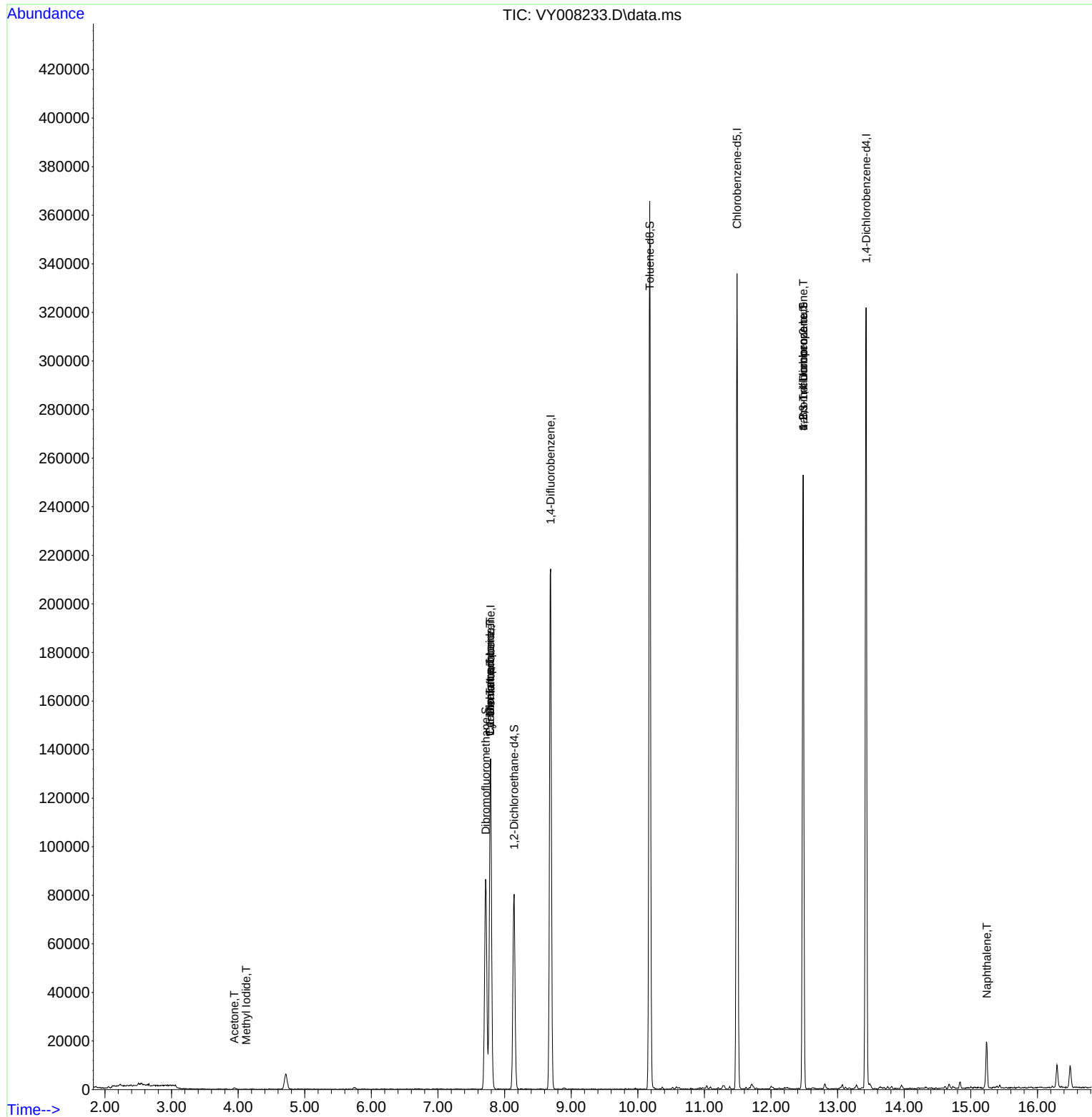
Internal Standards						
1) Pentafluorobenzene	7.789	168	105469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61557	58.173	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.340%			
35) Dibromofluoromethane	7.716	113	62256	51.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.140%			
50) Toluene-d8	10.179	98	239316	52.112	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.483	95	78779	48.624	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.240%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	19	1.710	ug/l #	35
16) Acetone	3.942	43	1072	4.432	ug/l	97
18) Methyl Acetate	4.466	43	143	Below Cal	#	56
20) Methylene Chloride	4.716	84	5017	Below Cal	#	74
31) Cyclohexane	7.783	56	2142	1.083	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	8218	4.292	ug/l #	51
38) Carbon Tetrachloride	7.783	117	10533	5.048	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	40866	41.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40866	91.976	ug/l #	7
95) Naphthalene	15.239	128	15736	4.422	ug/l	99

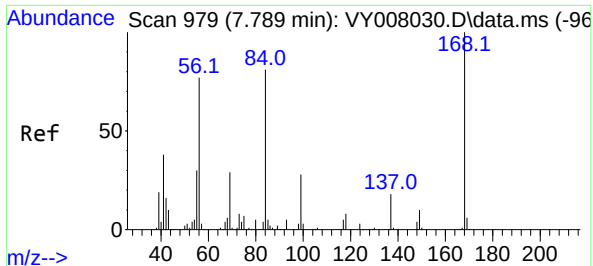
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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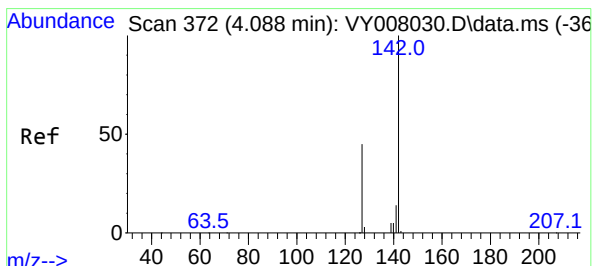
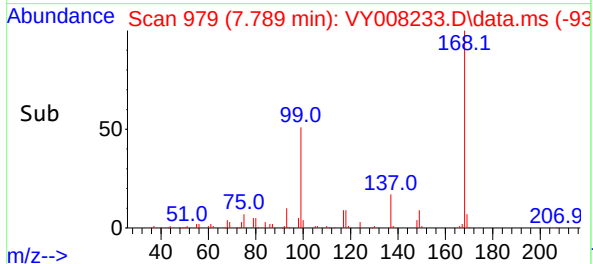
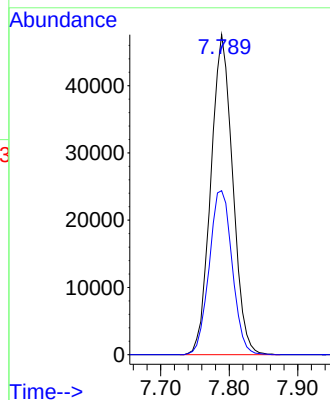
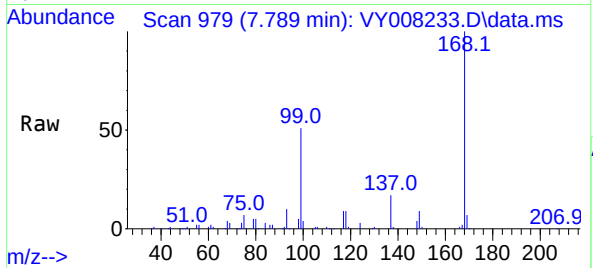




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

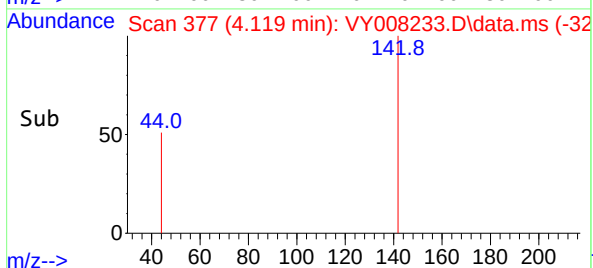
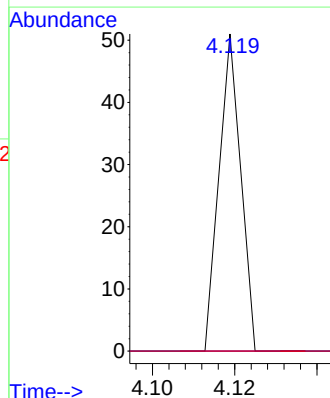
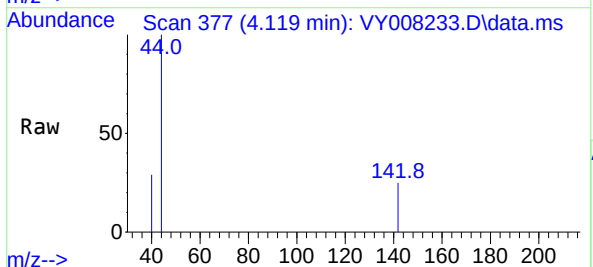
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-040522

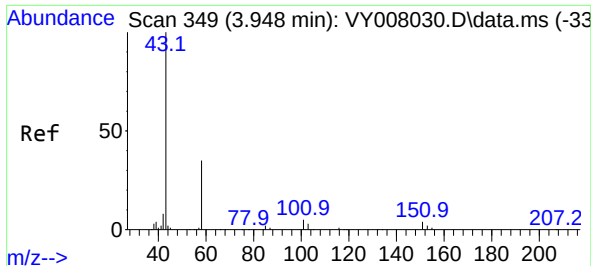
Tgt Ion:168 Resp: 105469
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.710 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

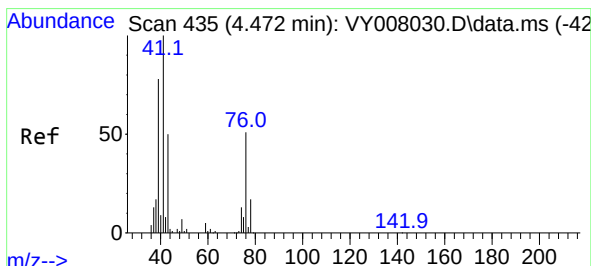
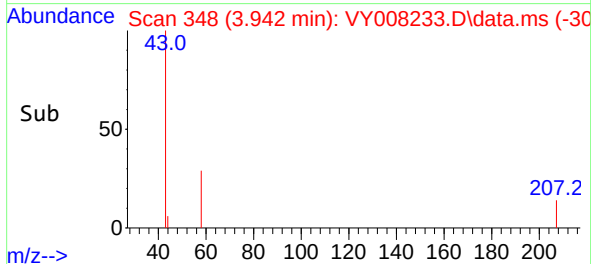
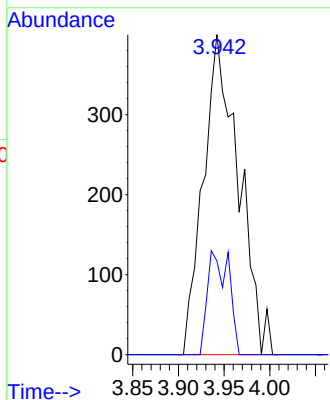
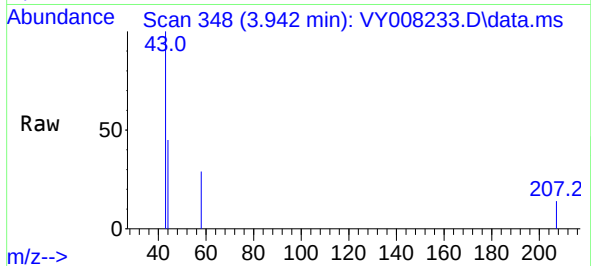




#16
Acetone
Concen: 4.432 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

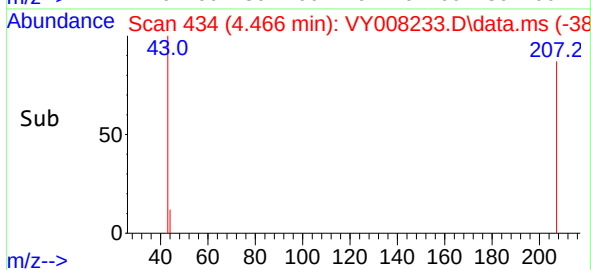
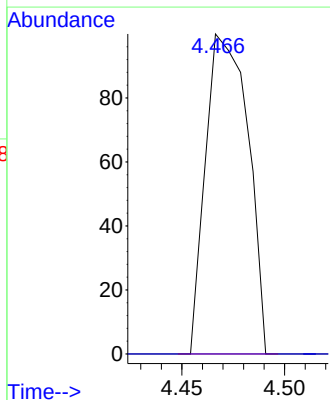
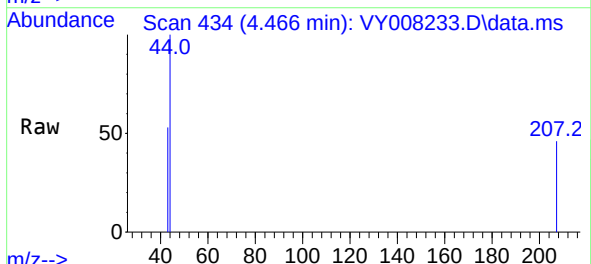
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-040522

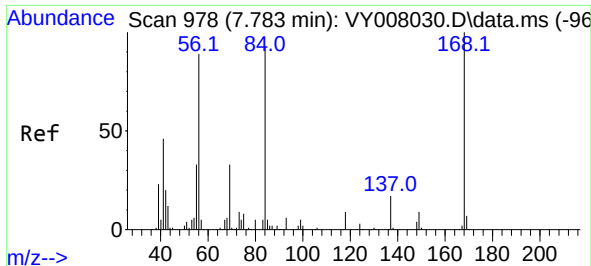
Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

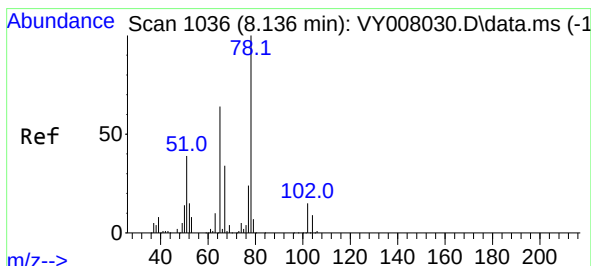
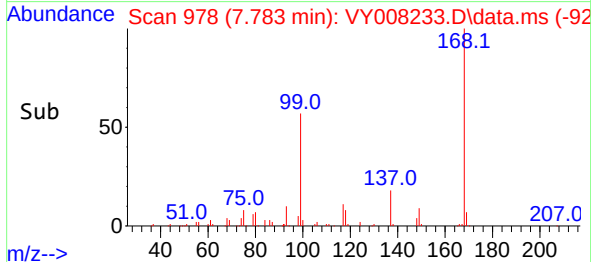
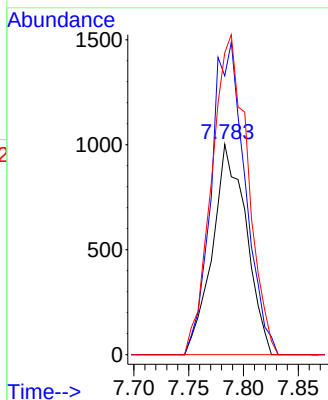
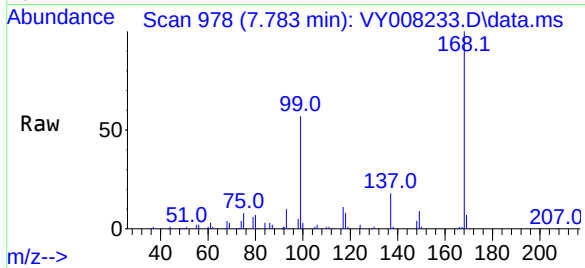




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

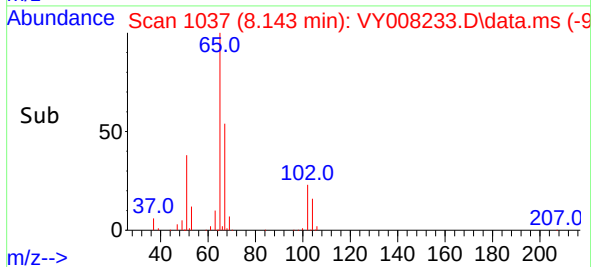
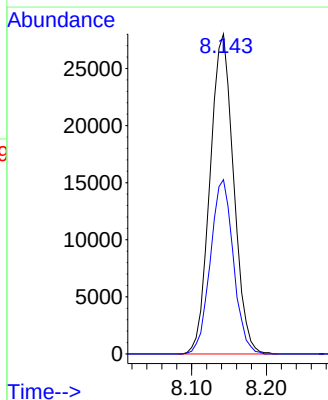
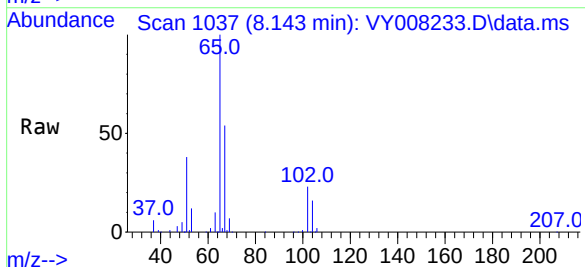
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-040522

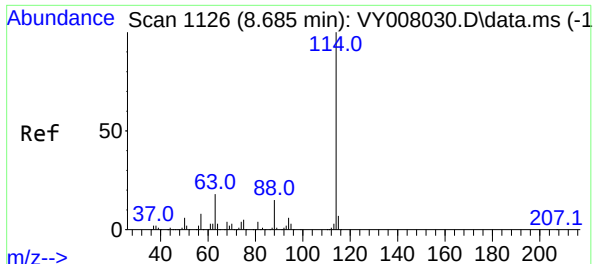
Tgt Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
69 132.5 26.7 40.1#
84 143.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.173 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Tgt Ion: 65 Resp: 61557
Ion Ratio Lower Upper
65 100
67 53.1 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: VY008233.D

Acq: 06 Apr 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-040522

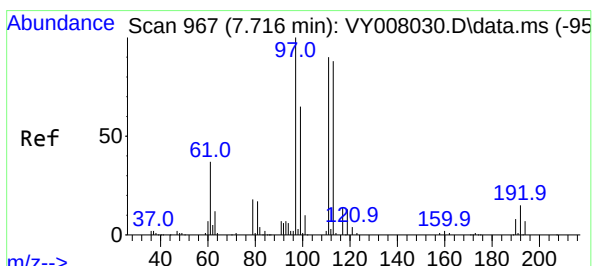
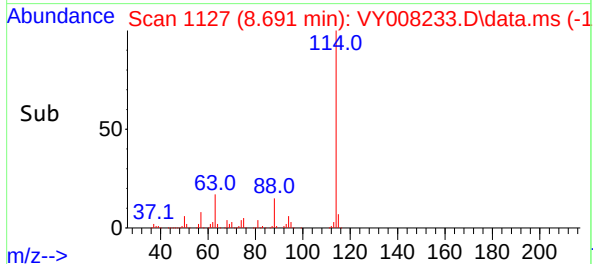
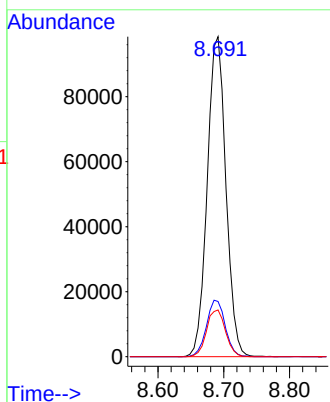
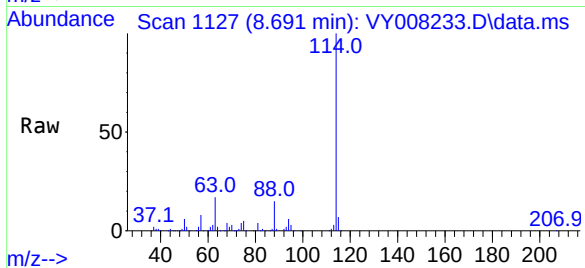
Tgt Ion:114 Resp: 194414

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.075 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008233.D

Acq: 06 Apr 2022 14:34

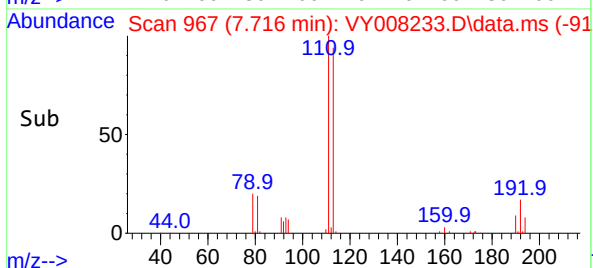
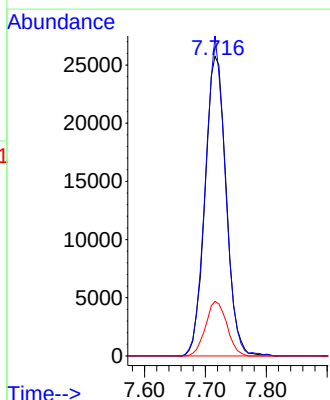
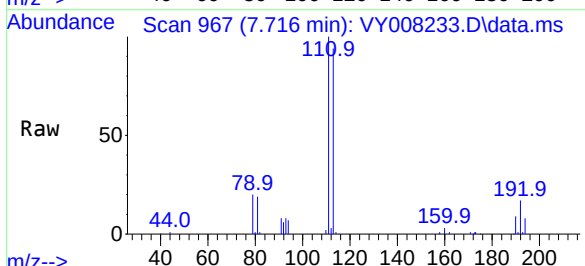
Tgt Ion:113 Resp: 62256

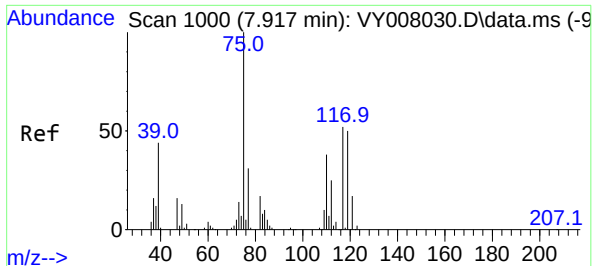
Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.292 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008233.D

Acq: 06 Apr 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-040522

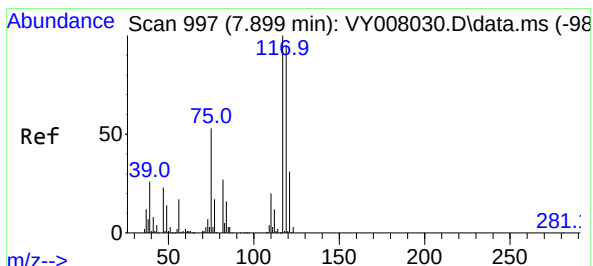
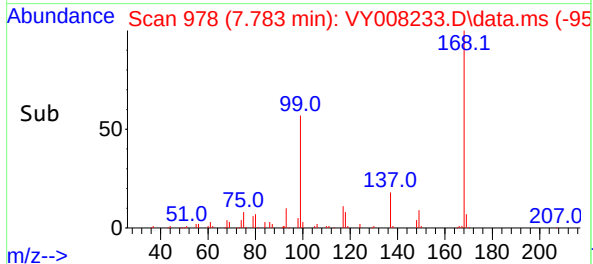
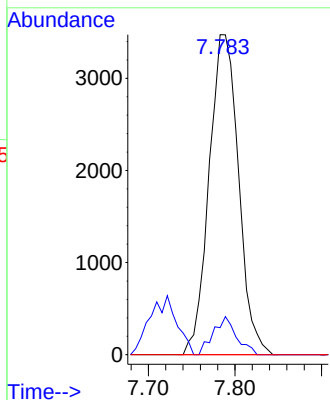
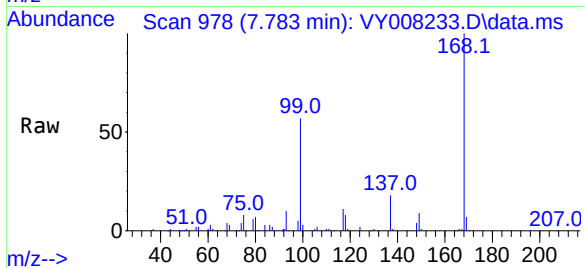
Tgt Ion: 75 Resp: 8218

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.048 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008233.D

Acq: 06 Apr 2022 14:34

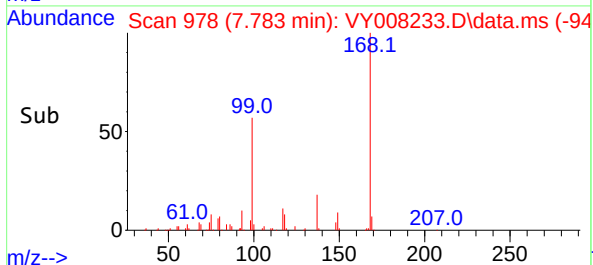
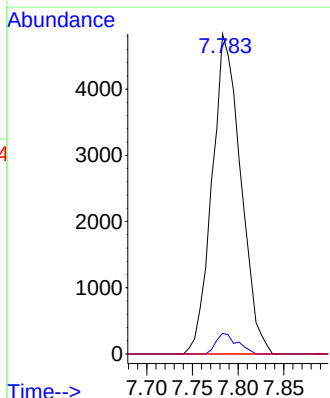
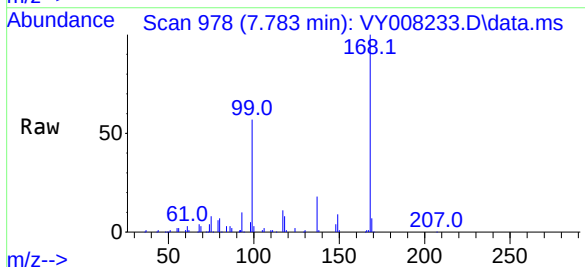
Tgt Ion: 117 Resp: 10533

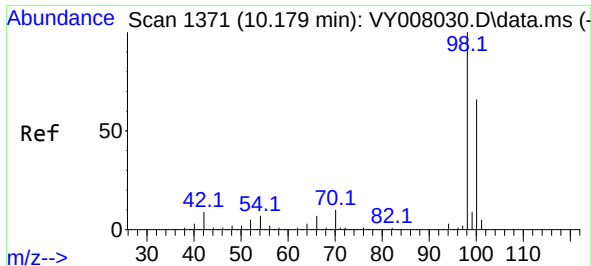
Ion Ratio Lower Upper

117 100

119 6.4 77.9 116.9#

121 0.0 24.8 37.2#

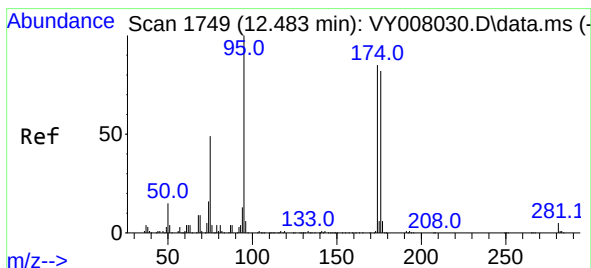
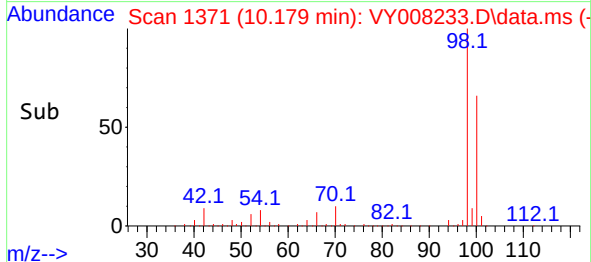
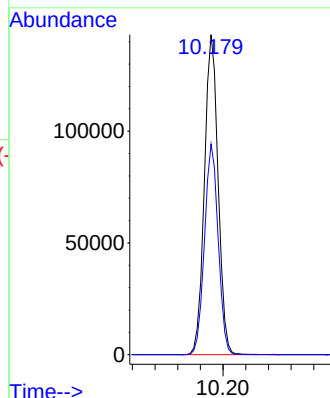
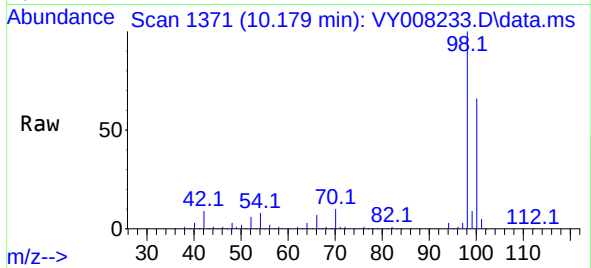




#50
Toluene-d8
Concen: 52.112 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

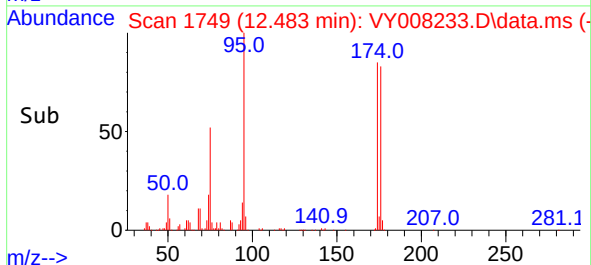
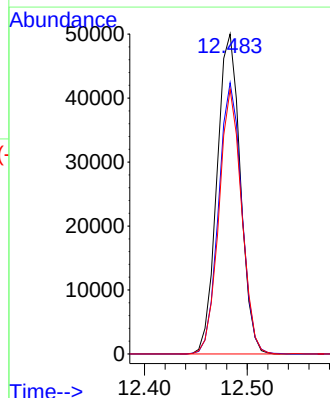
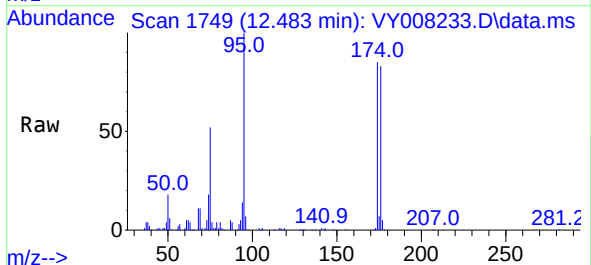
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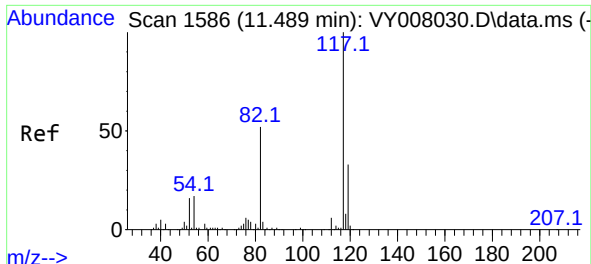
Tgt Ion: 98 Resp: 239316
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Tgt Ion: 95 Resp: 78779
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008233.D

Acq: 06 Apr 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-040522

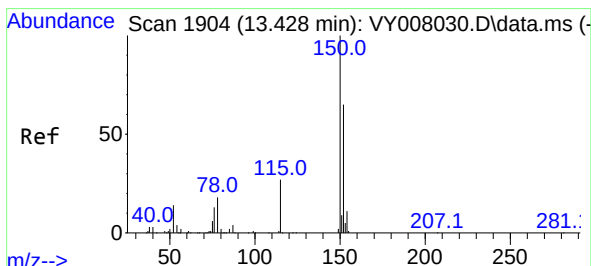
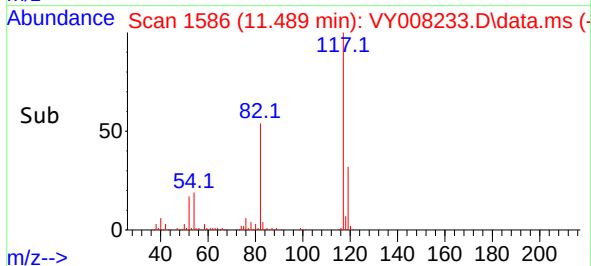
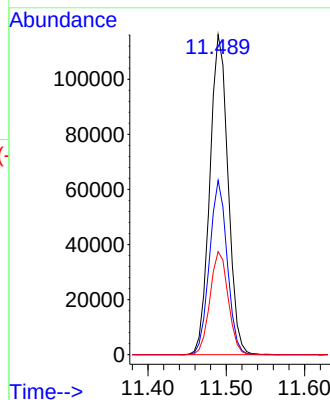
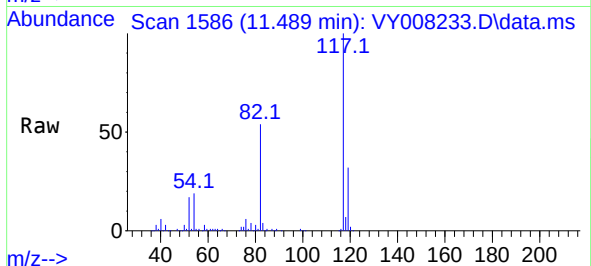
Tgt Ion:117 Resp: 187469

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.4

119 32.2 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: VY008233.D

Acq: 06 Apr 2022 14:34

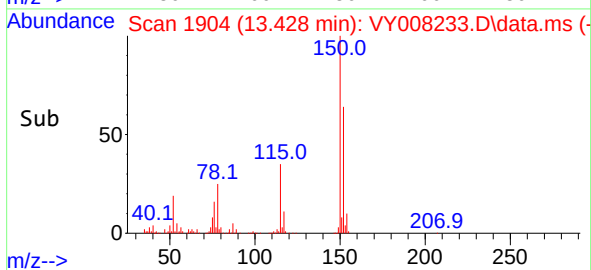
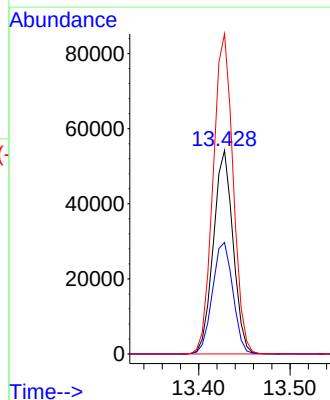
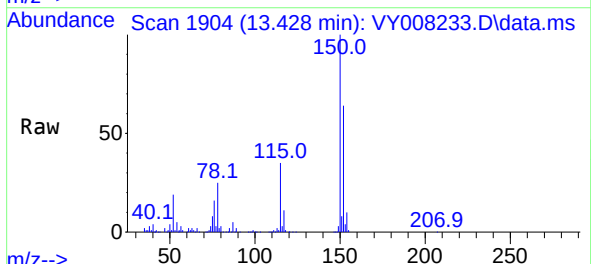
Tgt Ion:152 Resp: 81323

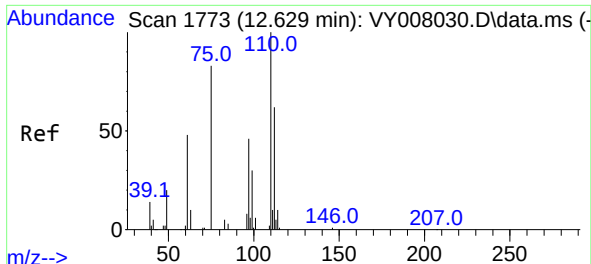
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 159.9 0.0 347.6

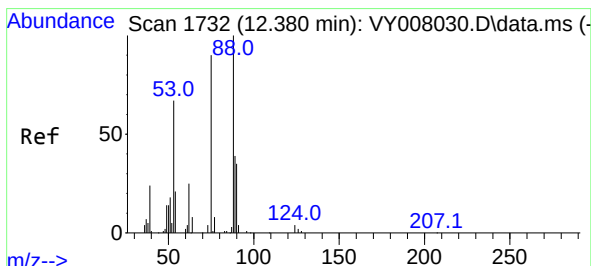
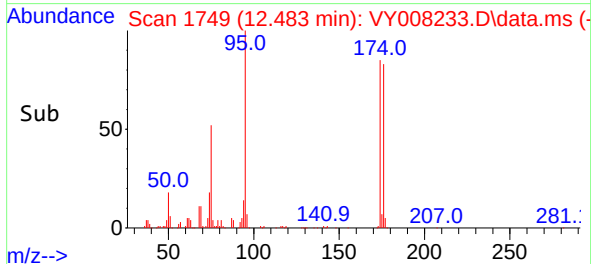
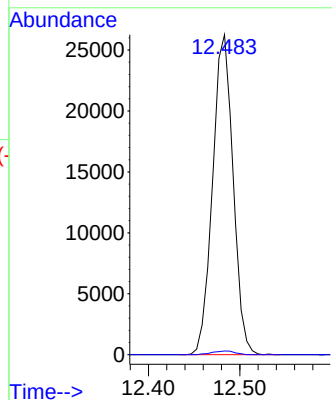
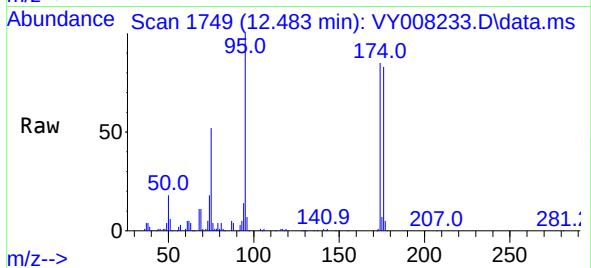




#76
1,2,3-Trichloropropane
Concen: 41.223 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

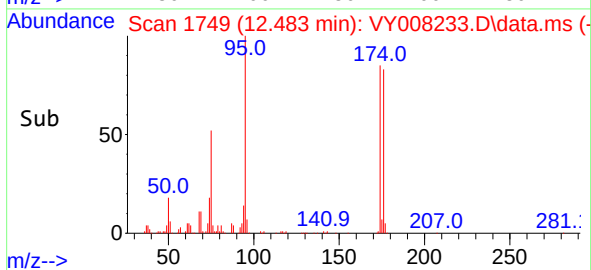
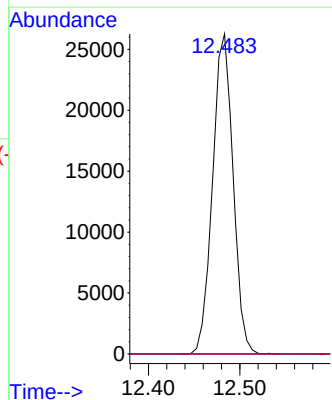
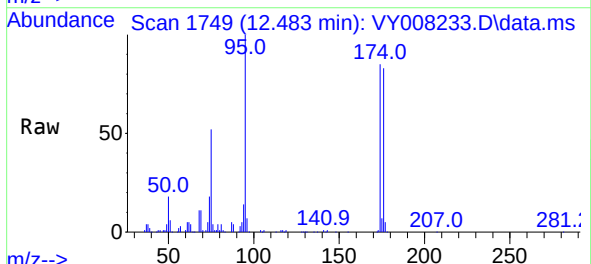
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-040522

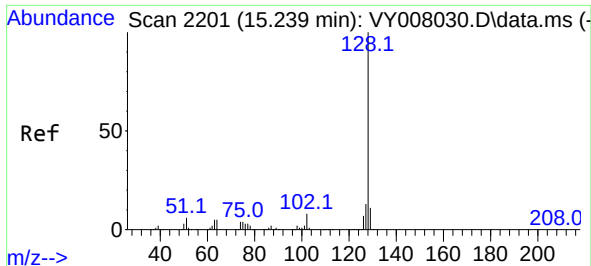
Tgt Ion: 75 Resp: 40866
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

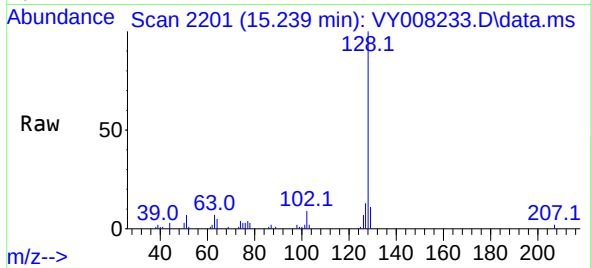
Tgt Ion: 75 Resp: 40866
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.422 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-040522



Tgt Ion:128 Resp: 15736

Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	11.3	8.4	12.6

