

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008541.D
 Acq On : 28 Apr 2022 12:39
 Operator : KP/MD
 Sample : N2564-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Quant Time: Apr 29 01:59:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

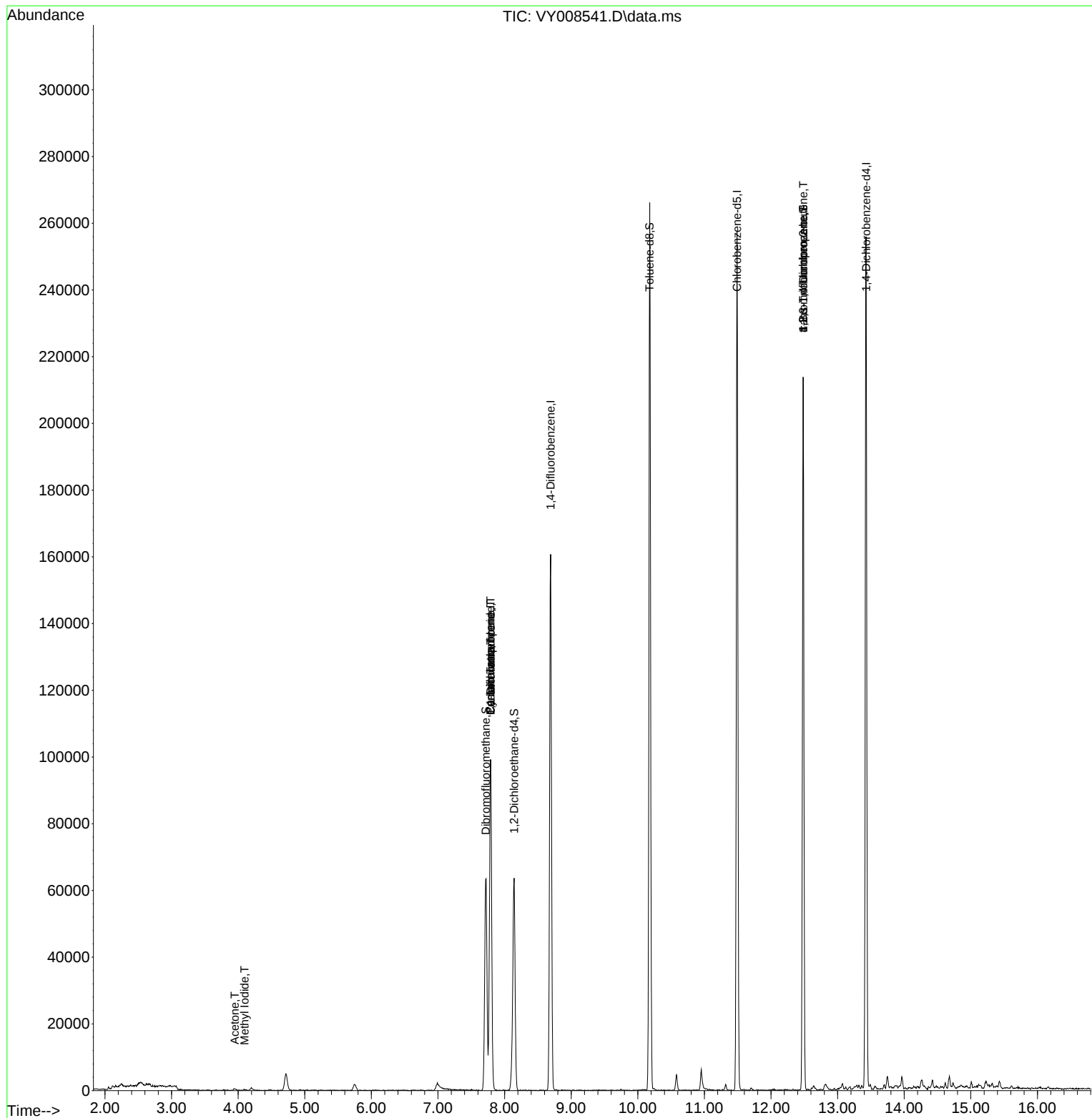
Internal Standards						
1) Pentafluorobenzene	7.789	168	78922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45845	49.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.740%
35) Dibromofluoromethane	7.716	113	45672	49.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.179	98	174620	47.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.483	95	61155	49.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.540%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	253	1.897	ug/l #	62
11) Tert butyl alcohol	4.936	59	162	Below Cal	#	77
16) Acetone	3.948	43	869	4.018	ug/l #	89
20) Methylene Chloride	4.716	84	4061	Below Cal	#	72
31) Cyclohexane	7.789	56	1606	1.052	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	6171	4.208	ug/l #	46
38) Carbon Tetrachloride	7.789	117	7867	5.164	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	33515	39.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33515	91.424	ug/l #	7

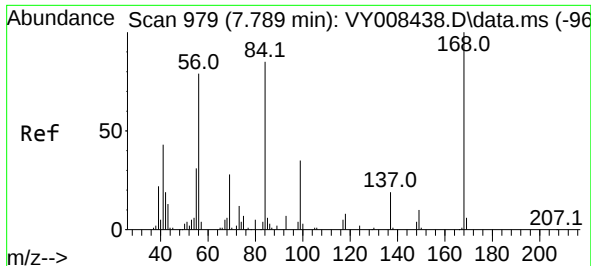
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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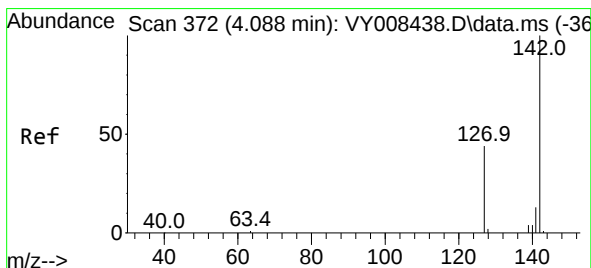
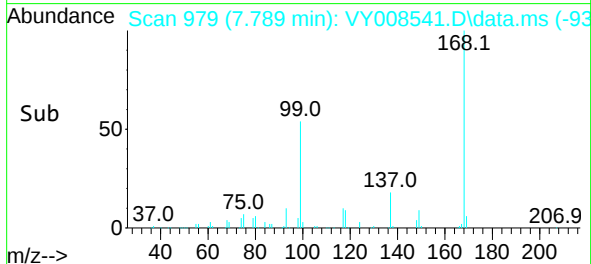
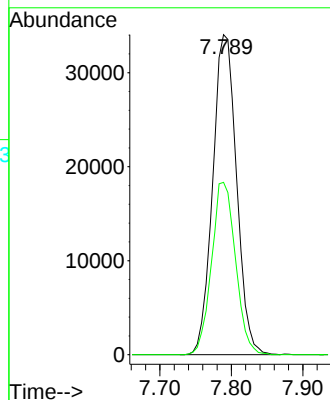
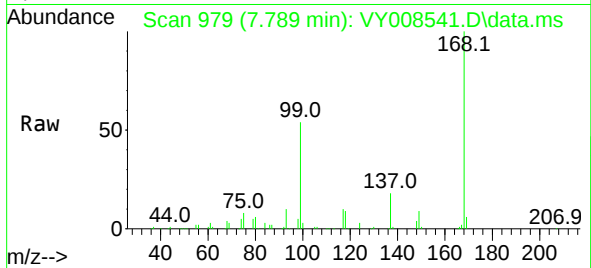




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

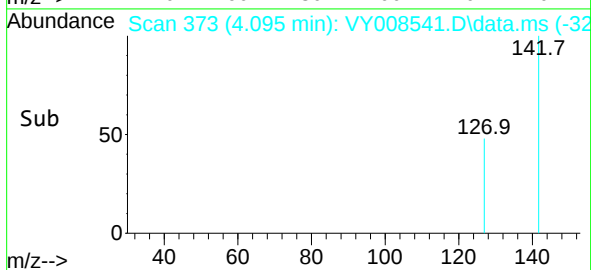
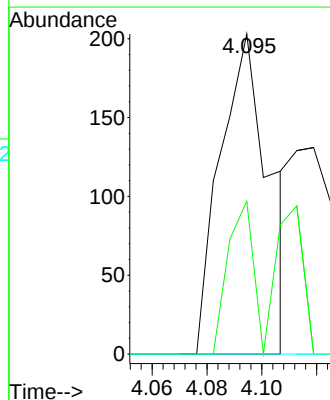
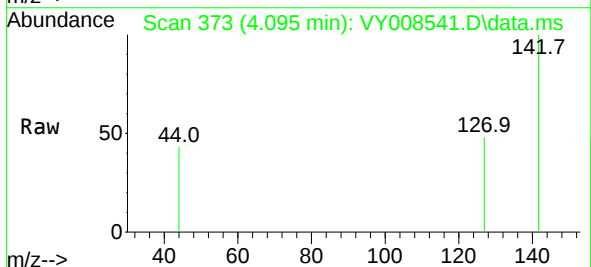
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

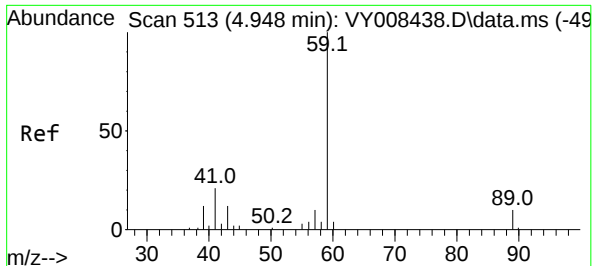
Tgt Ion:168 Resp: 78922
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.897 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion:142 Resp: 253
Ion Ratio Lower Upper
142 100
127 24.5 41.5 62.3#
141 0.0 11.9 17.9#

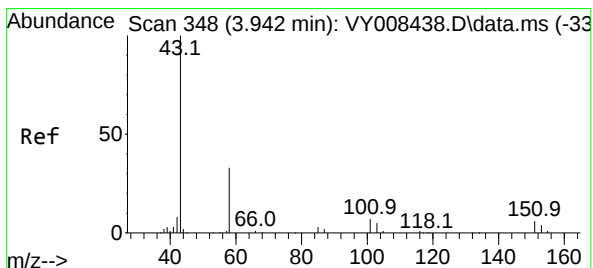
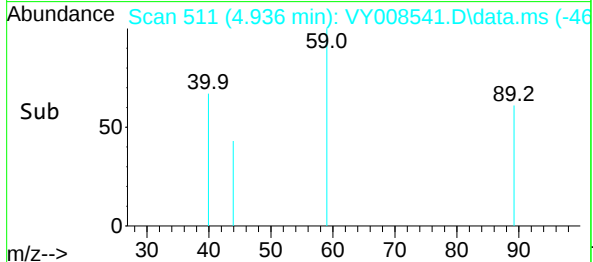
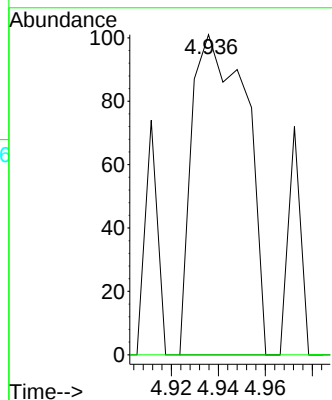
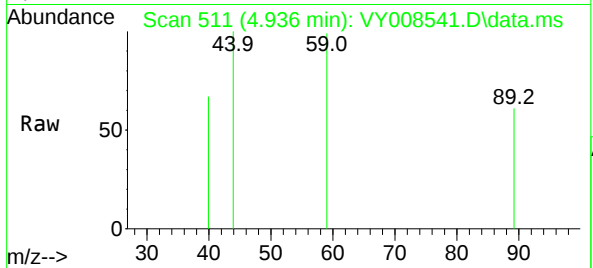




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

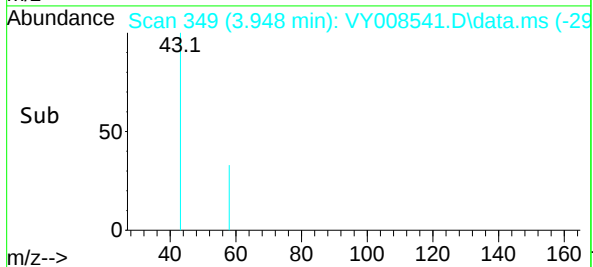
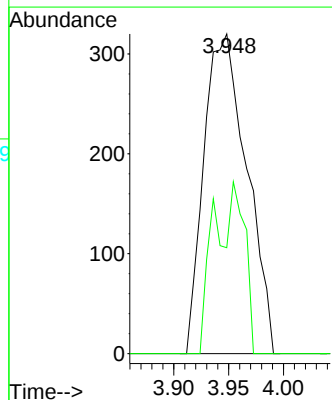
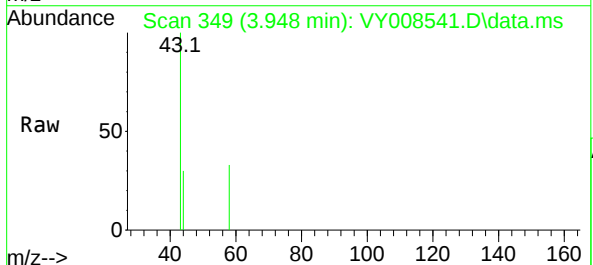
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

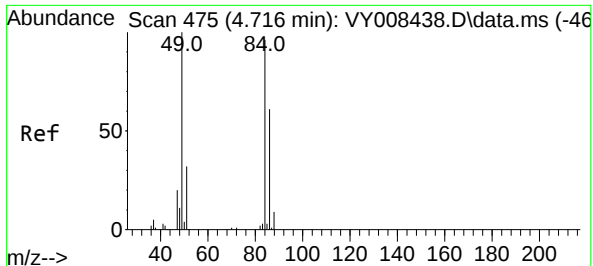
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 4.018 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008541.D

Acq: 28 Apr 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

Tgt Ion: 84 Resp: 4061

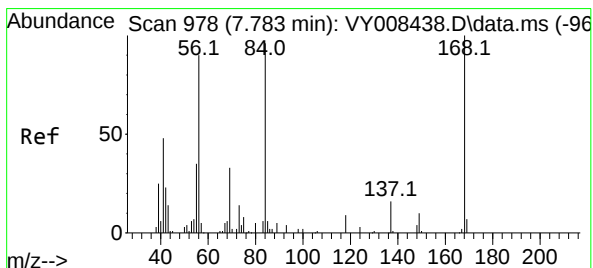
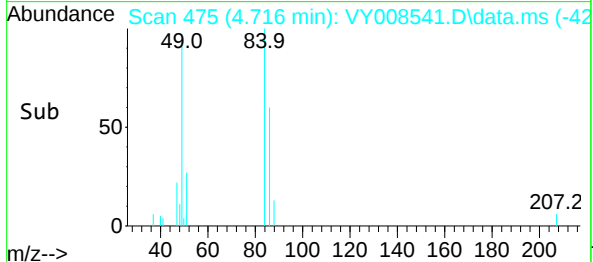
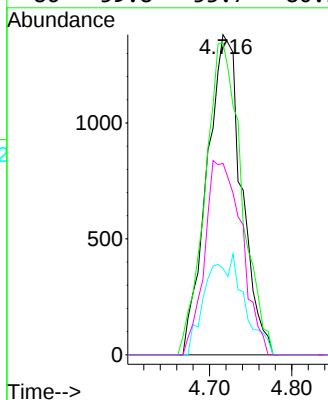
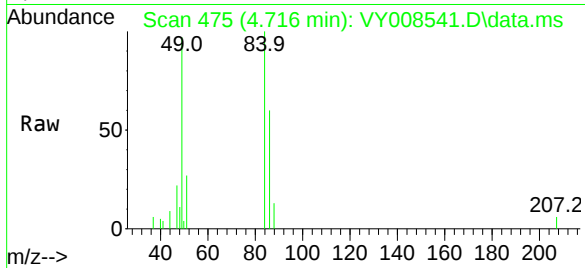
Ion Ratio Lower Upper

84 100

49 97.4 114.4 171.6#

51 26.9 35.3 52.9#

86 59.8 53.7 80.5



#31

Cyclohexane

Concen: 1.052 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008541.D

Acq: 28 Apr 2022 12:39

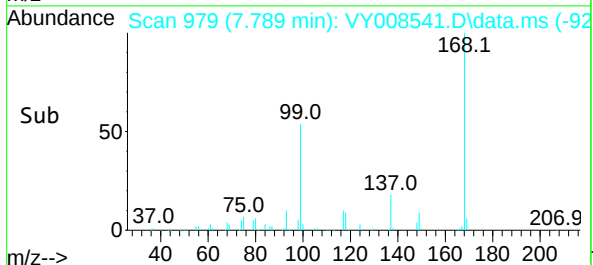
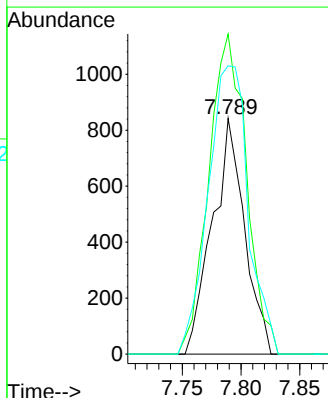
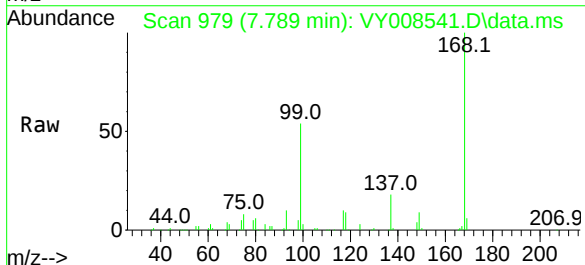
Tgt Ion: 56 Resp: 1606

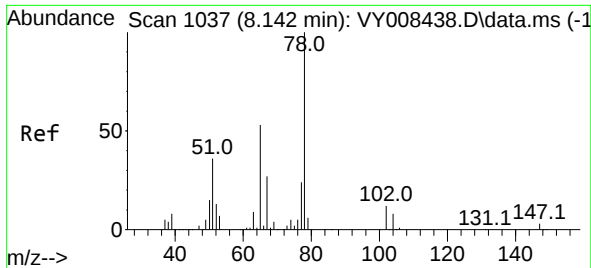
Ion Ratio Lower Upper

56 100

69 135.9 26.7 40.1#

84 122.3 67.2 100.8#

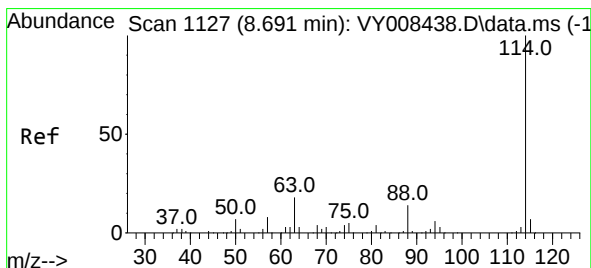
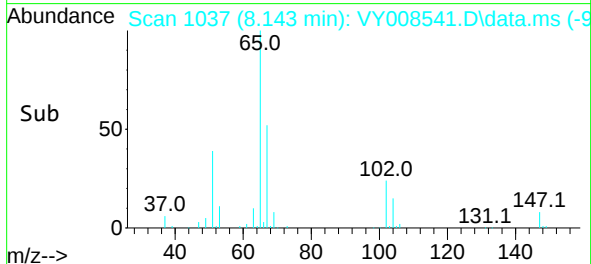
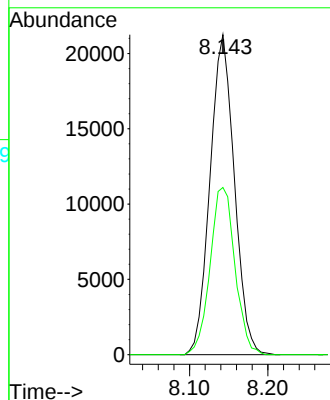
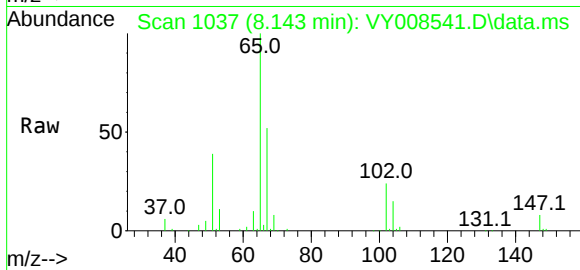




#33
 1,2-Dichloroethane-d4
 Concen: 49.369 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008541.D
 Acq: 28 Apr 2022 12:39

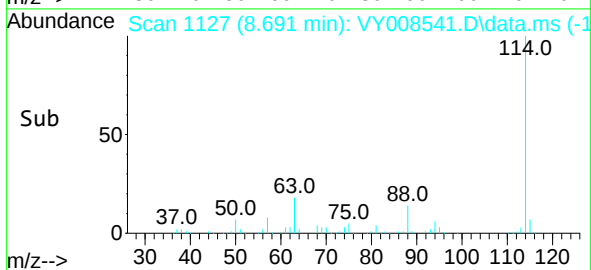
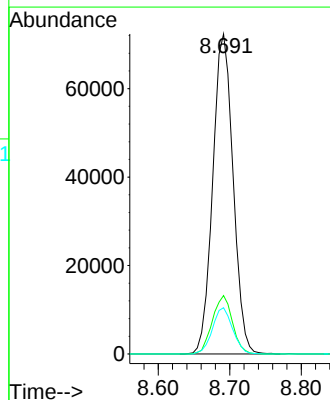
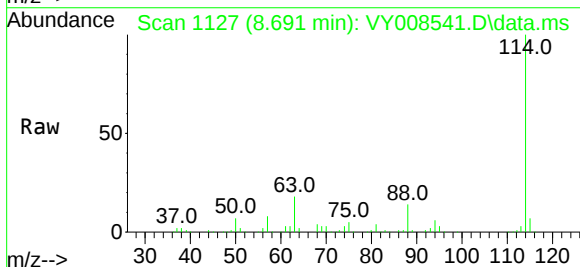
Instrument :
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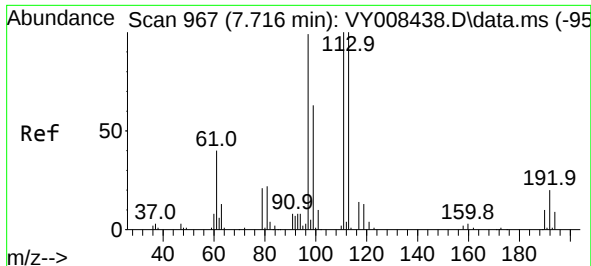
Tgt Ion: 65 Resp: 45845
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008541.D
 Acq: 28 Apr 2022 12:39

Tgt Ion: 114 Resp: 142836
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.2
 88 14.5 0.0 31.8

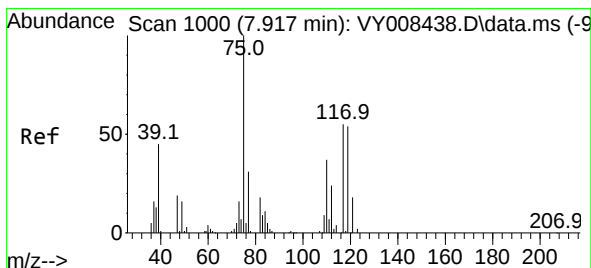
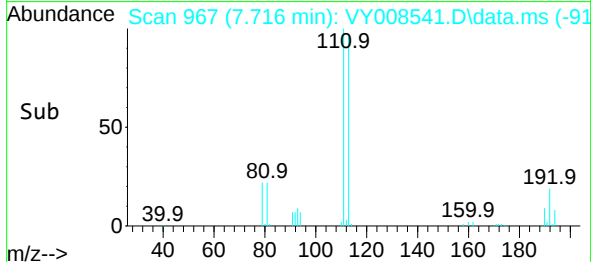
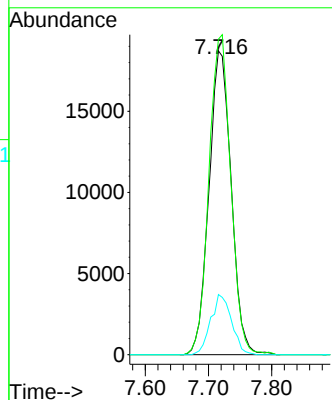
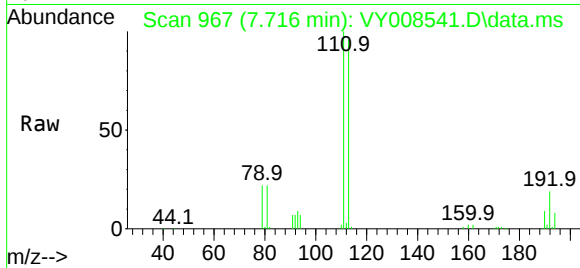




#35
Dibromofluoromethane
Concen: 49.544 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

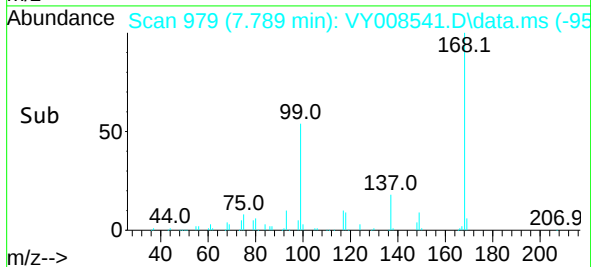
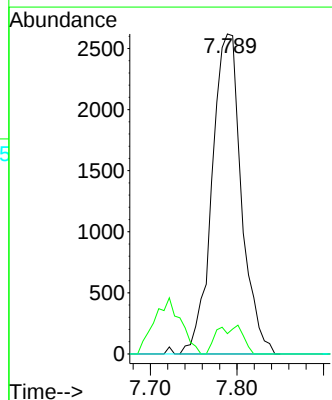
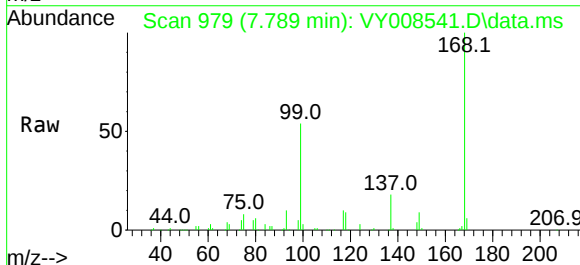
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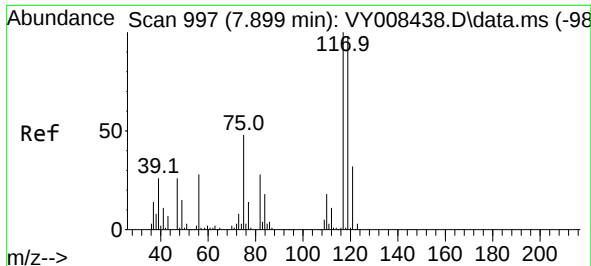
Tgt Ion:113 Resp: 45672
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.208 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion: 75 Resp: 6171
Ion Ratio Lower Upper
75 100
110 4.0 17.1 51.2#
77 0.0 24.4 36.6#

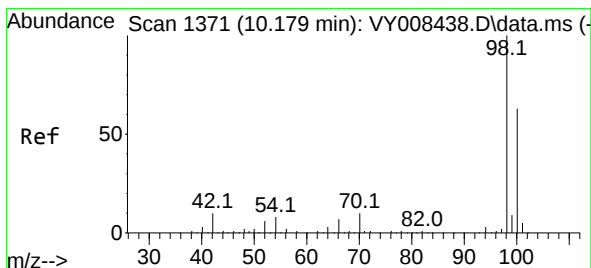
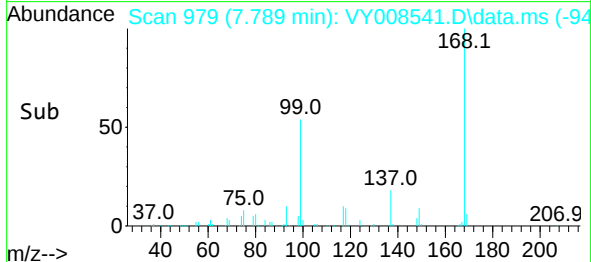
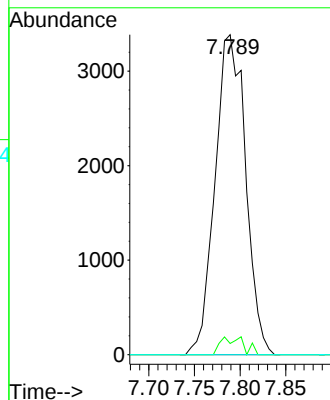
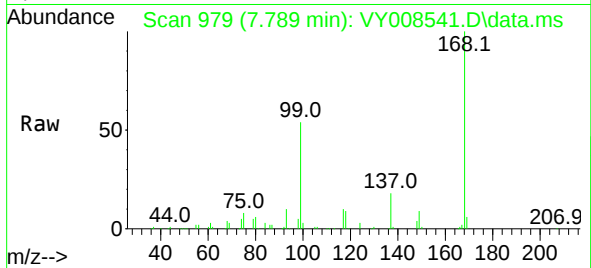




#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

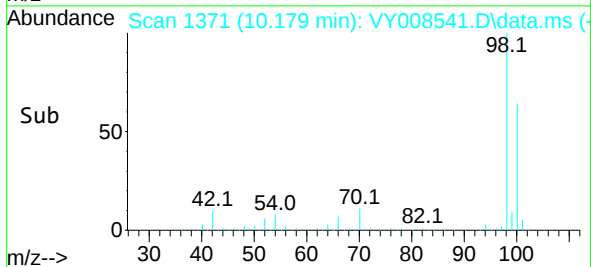
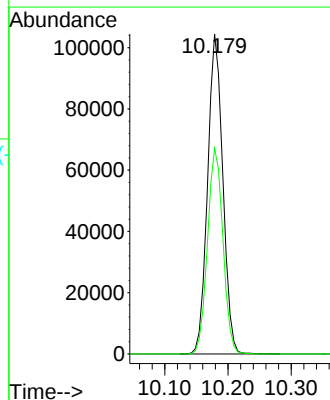
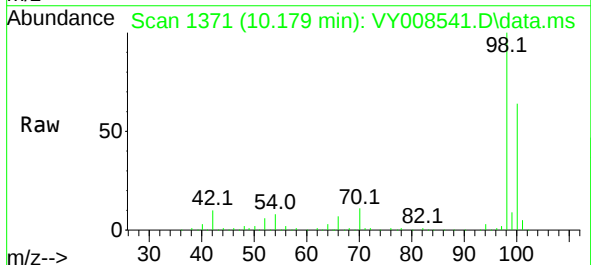
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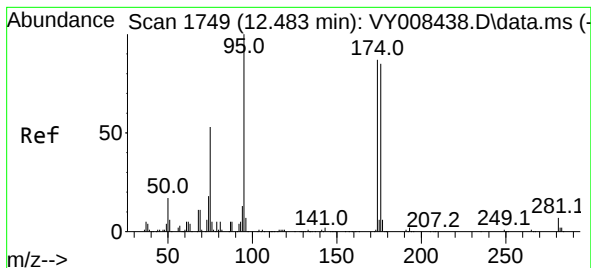
Tgt Ion:117 Resp: 7867
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion: 98 Resp: 174620
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 49.267 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008541.D

Acq: 28 Apr 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

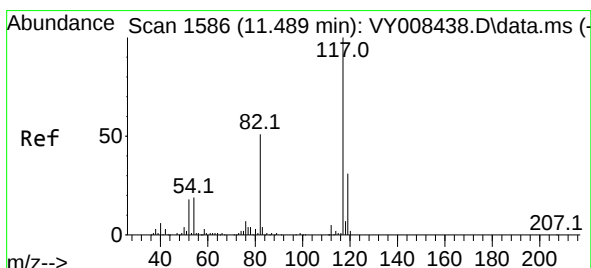
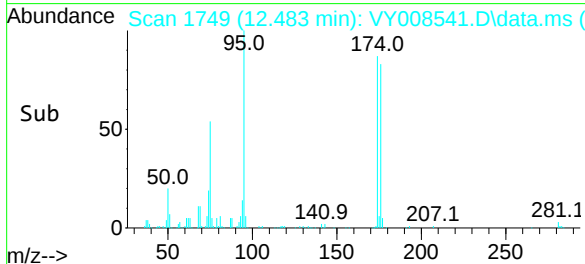
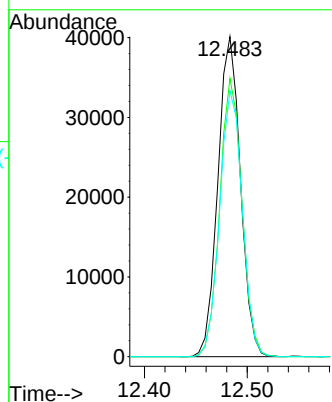
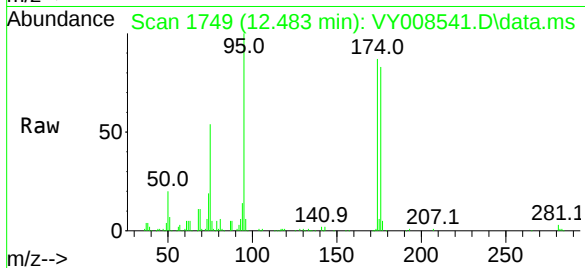
Tgt Ion: 95 Resp: 61155

Ion Ratio Lower Upper

95 100

174 85.6 0.0 177.0

176 83.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY008541.D

Acq: 28 Apr 2022 12:39

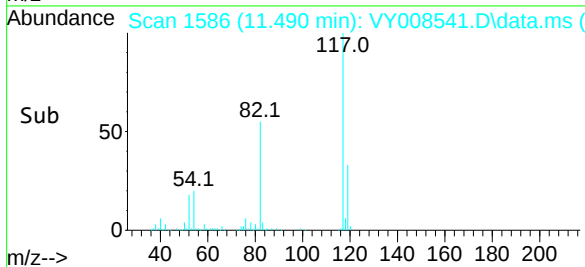
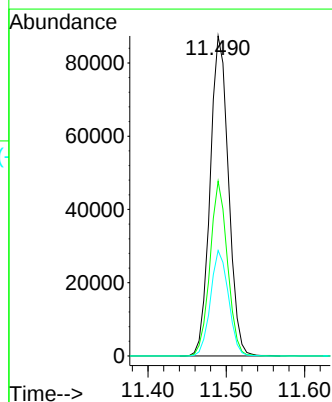
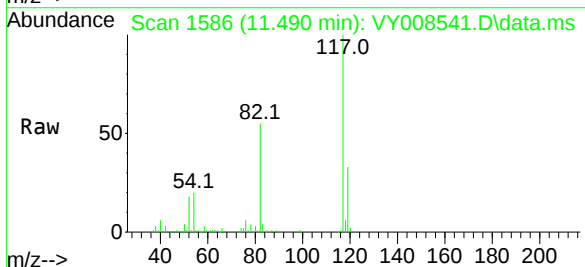
Tgt Ion: 117 Resp: 142260

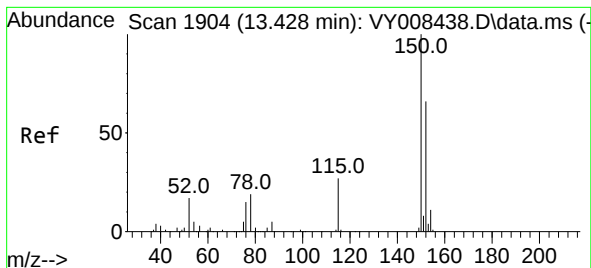
Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

119 33.0 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: VY008541.D

Acq: 28 Apr 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

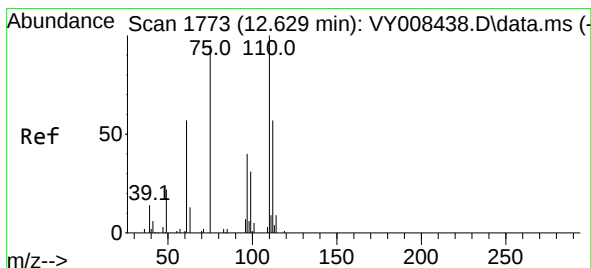
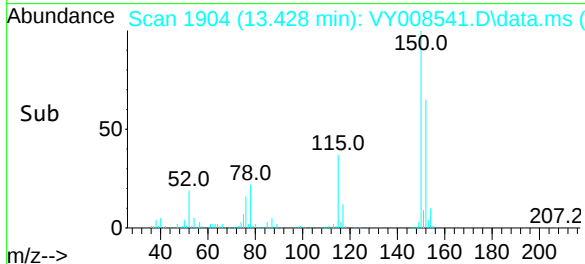
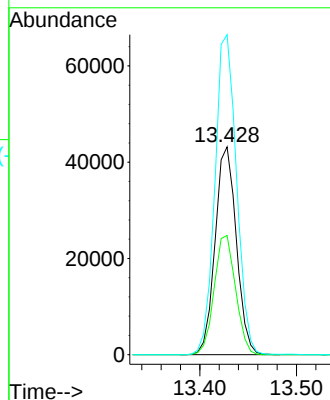
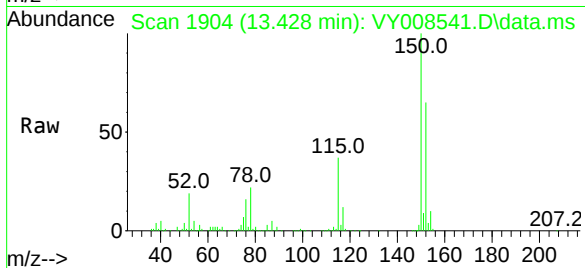
Tgt Ion:152 Resp: 65714

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.409 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008541.D

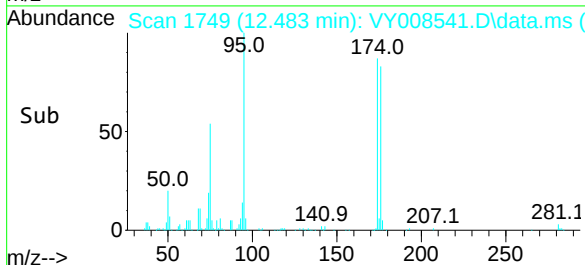
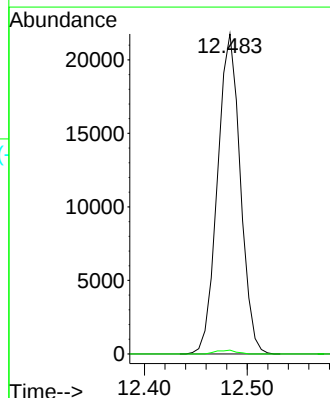
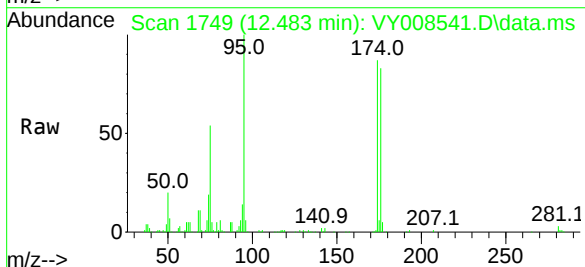
Acq: 28 Apr 2022 12:39

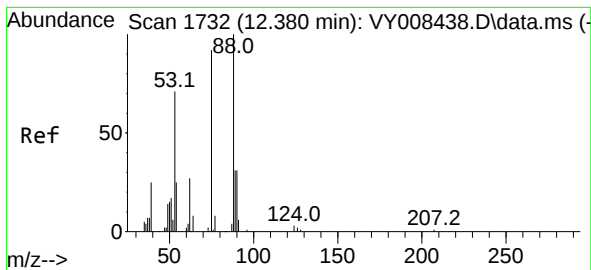
Tgt Ion: 75 Resp: 33515

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.424 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008541.D
 Acq: 28 Apr 2022 12:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Tgt Ion: 75 Resp: 33515
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

