

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008502.D
 Acq On : 26 Apr 2022 14:30
 Operator : KP/MD
 Sample : N2502-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C3

Quant Time: Apr 27 01:22:28 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)

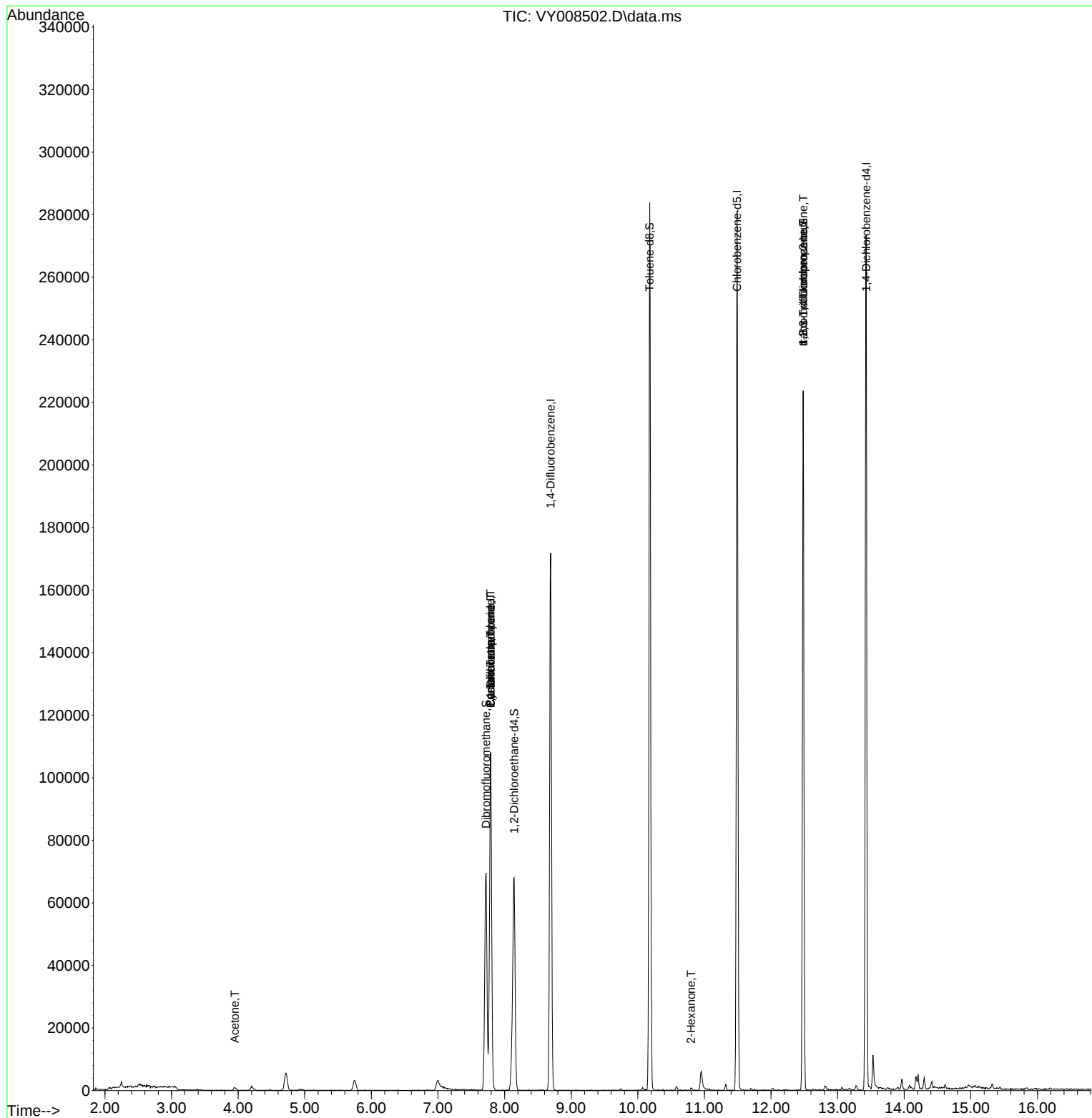
Internal Standards						
1) Pentafluorobenzene	7.789	168	81693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47345	49.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.722	113	48596	49.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.179	98	185600	47.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.483	95	63611	47.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	928	Below Cal	#	77
16) Acetone	3.948	43	1817	8.116	ug/l #	73
20) Methylene Chloride	4.710	84	4719	Below Cal	#	63
31) Cyclohexane	7.789	56	1738	1.100	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	6843	4.364	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8420	5.168	ug/l #	15
59) 2-Hexanone	10.800	43	661	1.145	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	35417	39.744	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35417	92.201	ug/l #	7

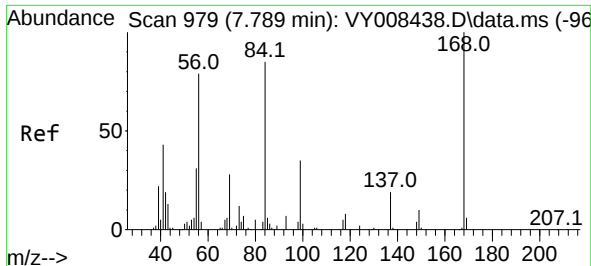
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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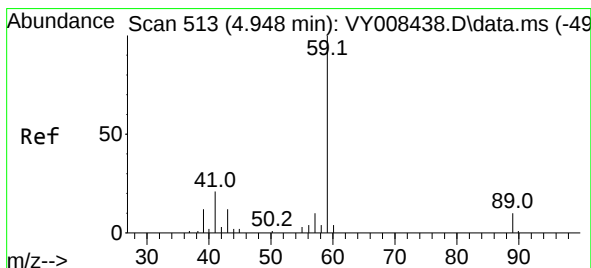
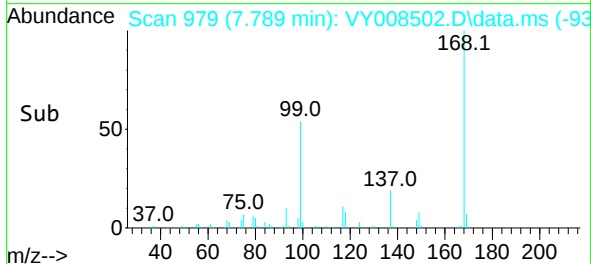
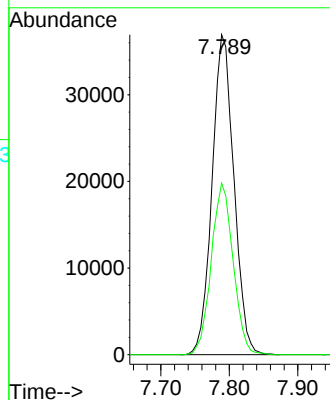
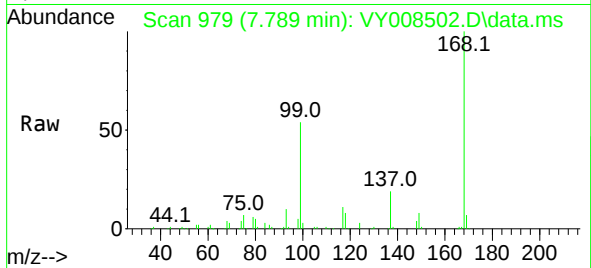




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

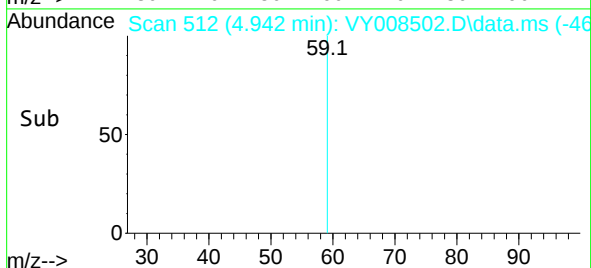
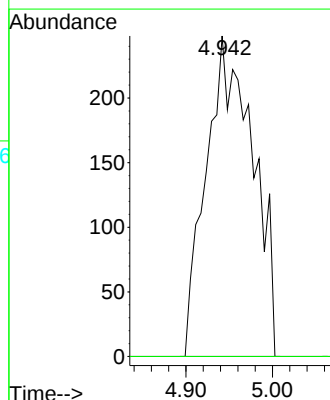
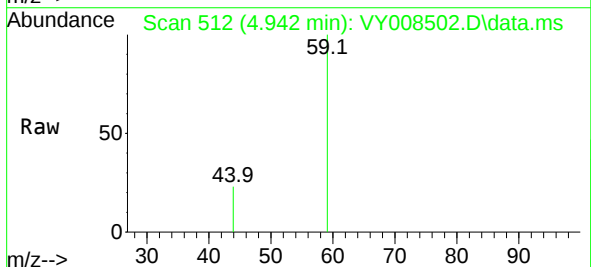
Instrument :
MSVOA_Y
ClientSampleId :
C3

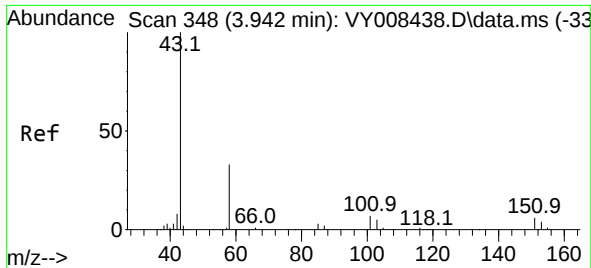
Tgt Ion:168 Resp: 81693
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

Tgt Ion: 59 Resp: 928
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 8.116 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008502.D

Acq: 26 Apr 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

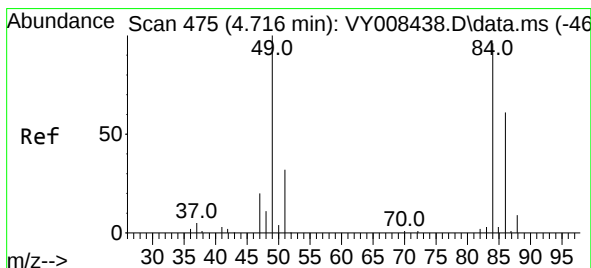
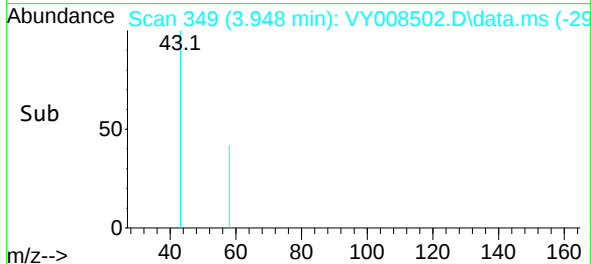
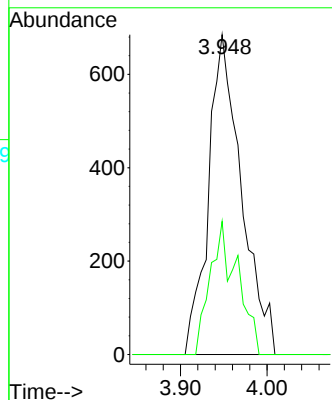
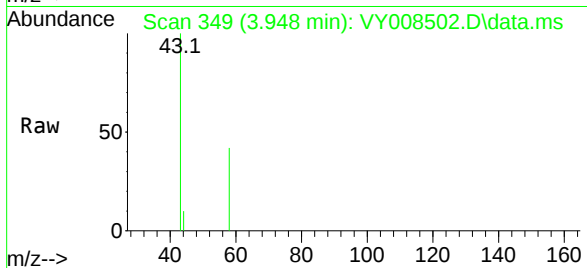
C3

Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

43 100

58 41.6 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008502.D

Acq: 26 Apr 2022 14:30

Tgt Ion: 84 Resp: 4719

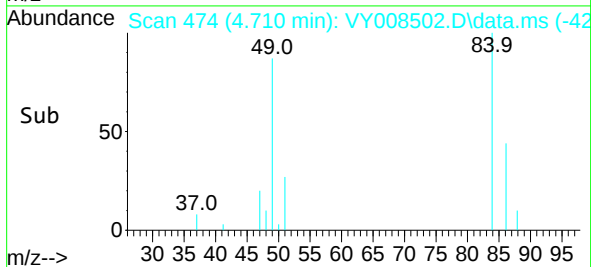
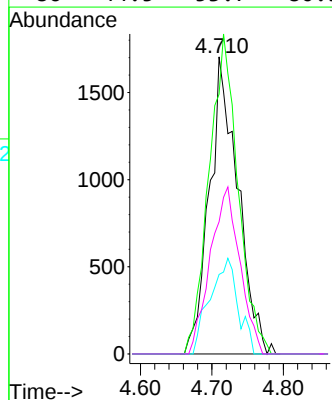
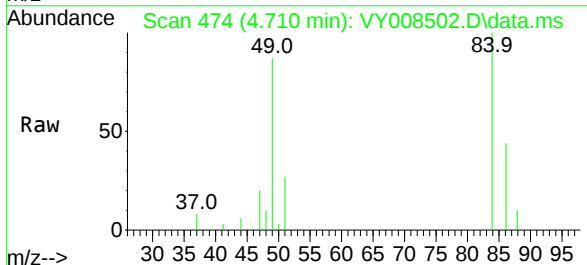
Ion Ratio Lower Upper

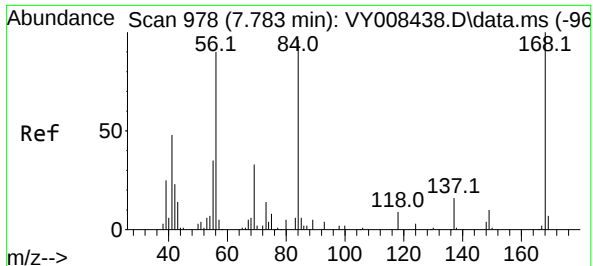
84 100

49 87.4 114.4 171.6#

51 26.7 35.3 52.9#

86 44.5 53.7 80.5#

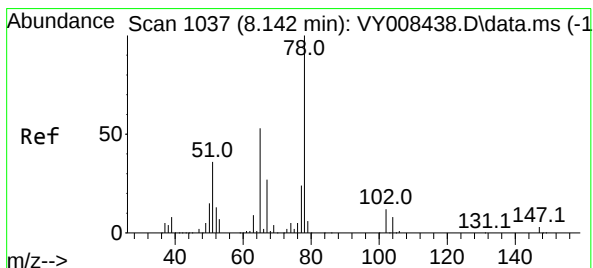
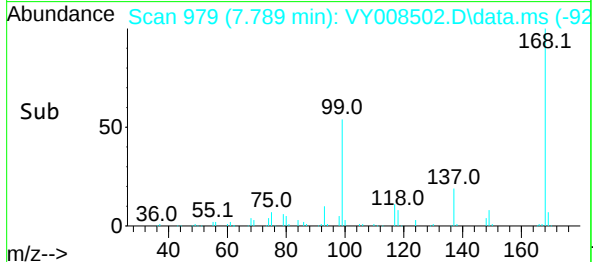
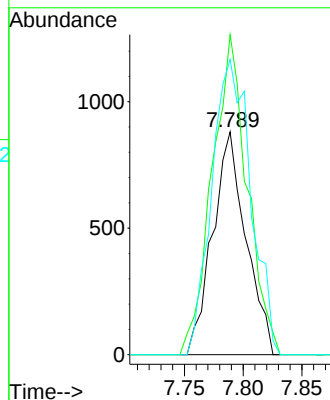
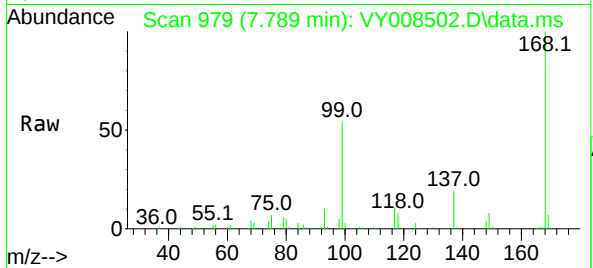




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

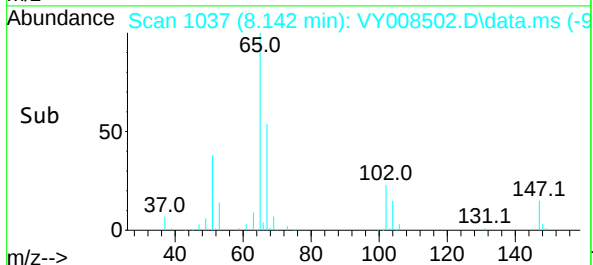
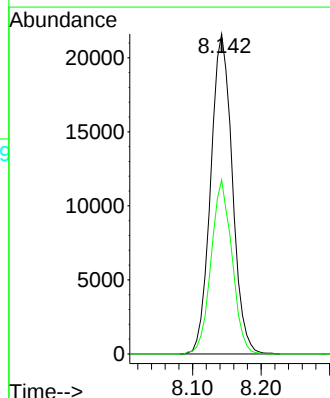
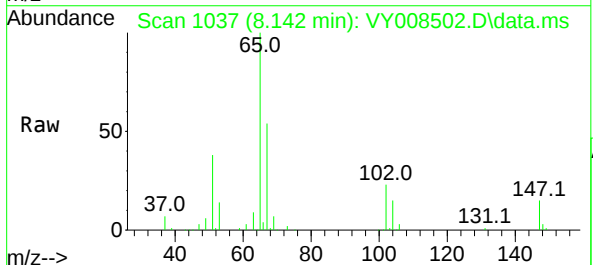
Instrument :
MSVOA_Y
ClientSampleId :
C3

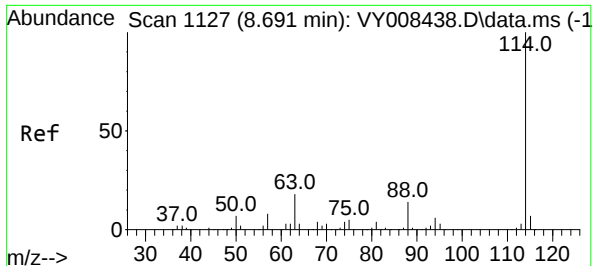
Tgt Ion: 56 Resp: 1738
Ion Ratio Lower Upper
56 100
69 143.6 26.7 40.1#
84 132.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.255 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

Tgt Ion: 65 Resp: 47345
Ion Ratio Lower Upper
65 100
67 52.5 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: VY008502.D

Acq: 26 Apr 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

C3

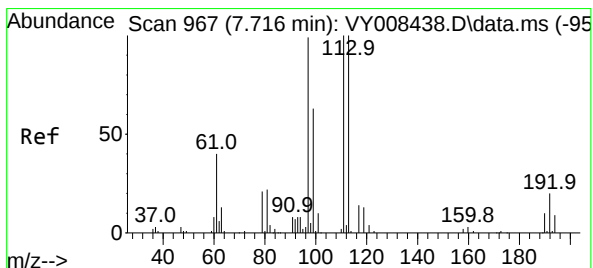
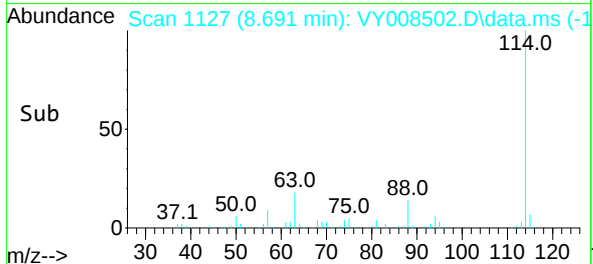
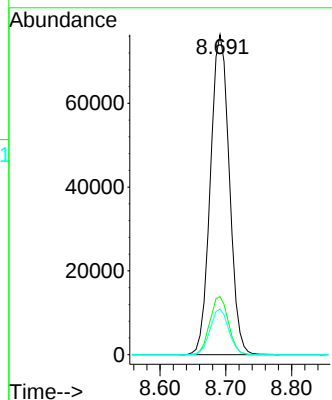
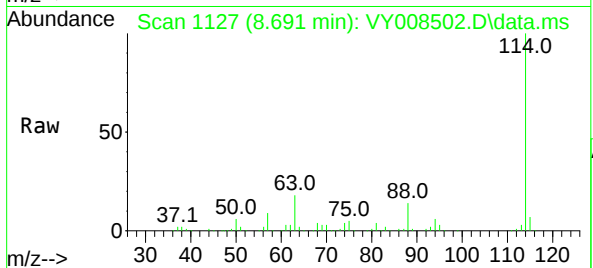
Tgt Ion:114 Resp: 152736

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.299 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008502.D

Acq: 26 Apr 2022 14:30

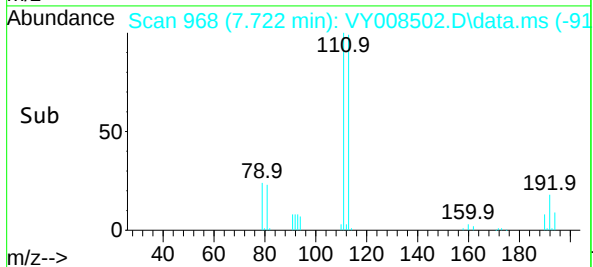
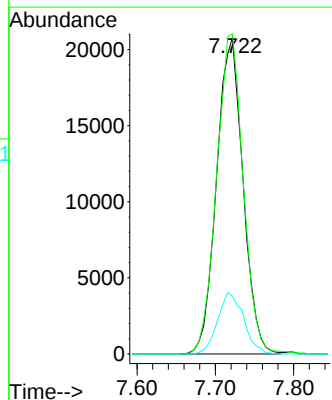
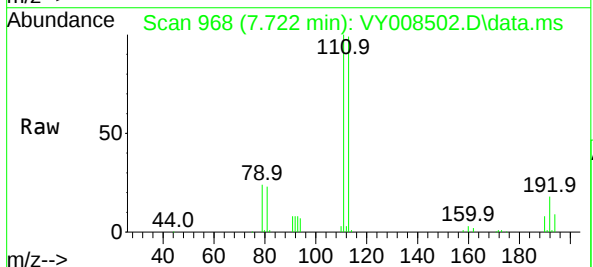
Tgt Ion:113 Resp: 48596

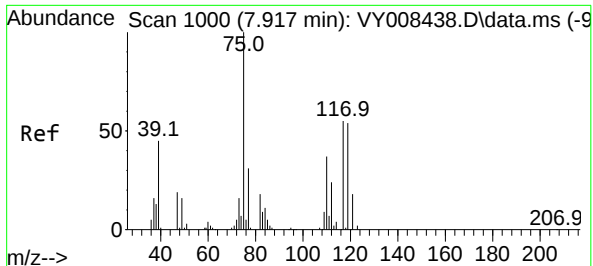
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.1 17.6 26.4

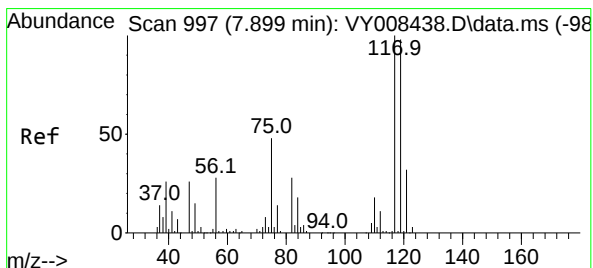
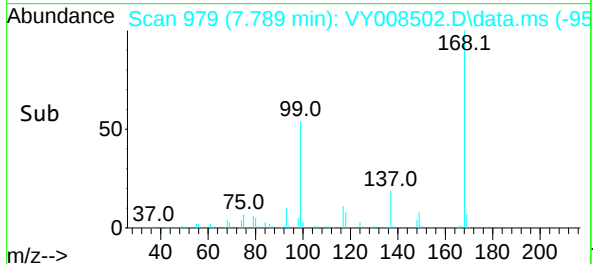
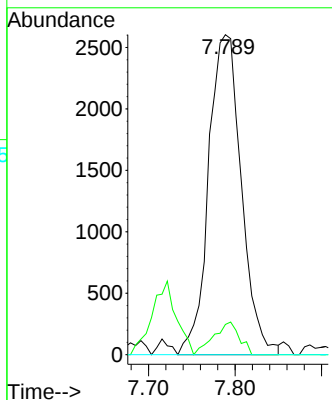
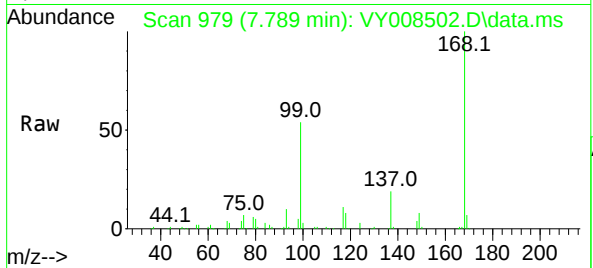




#36
1,1-Dichloropropene
Concen: 4.364 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

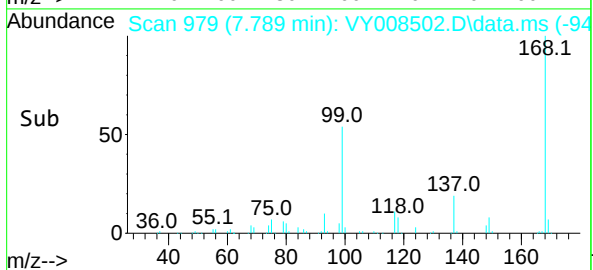
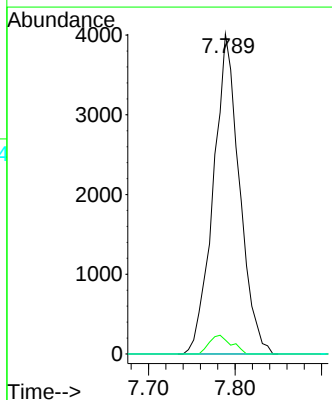
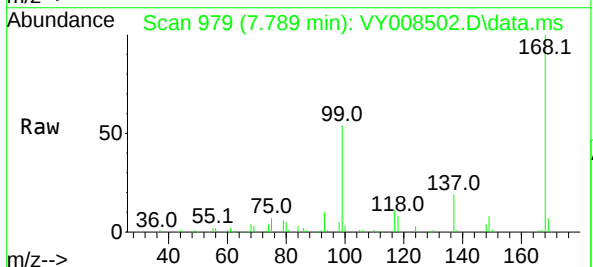
Instrument :
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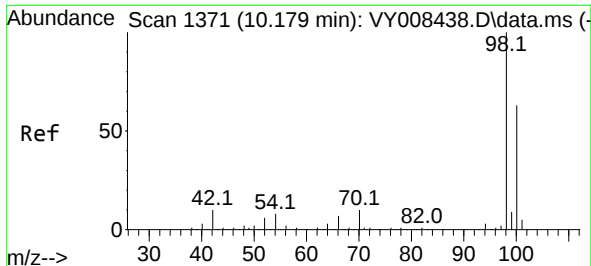
Tgt Ion: 75 Resp: 6843
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.168 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

Tgt Ion: 117 Resp: 8420
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#

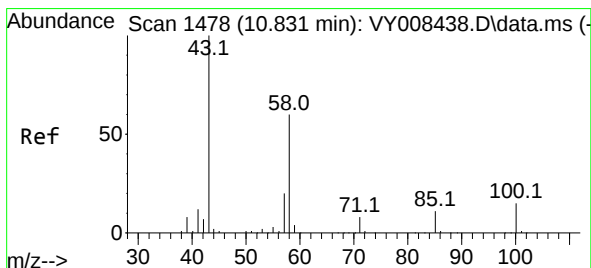
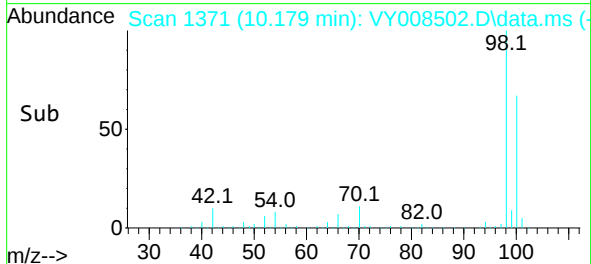
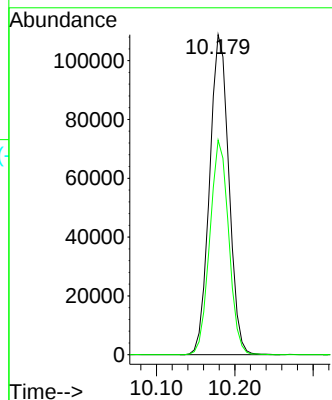
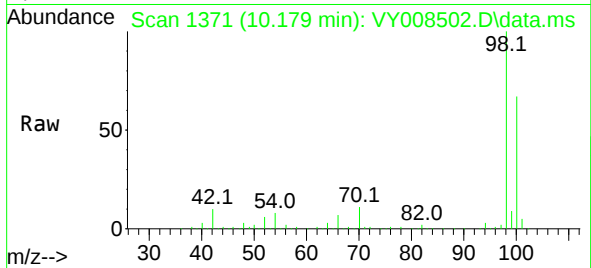




#50
Toluene-d8
Concen: 47.366 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

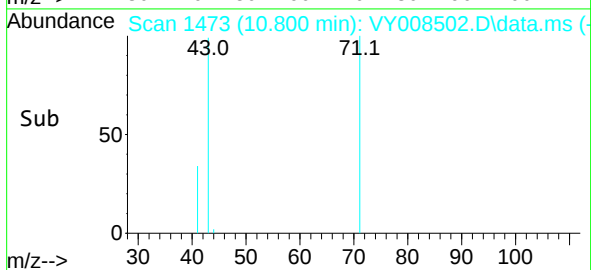
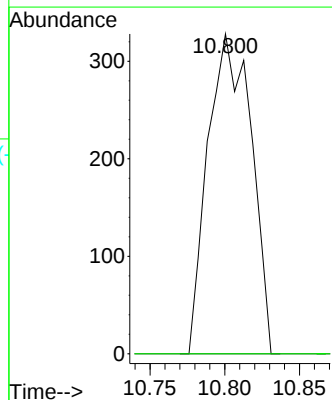
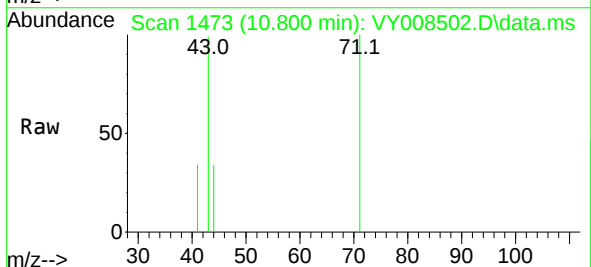
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ClientSampleId :
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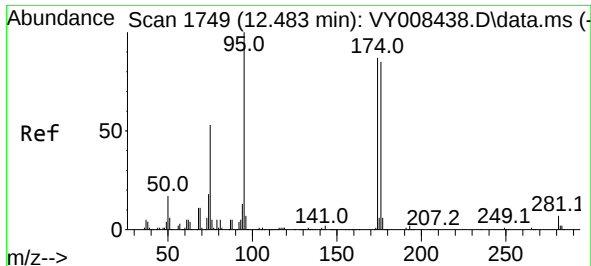
Tgt Ion: 98 Resp: 185600
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#59
2-Hexanone
Concen: 1.145 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

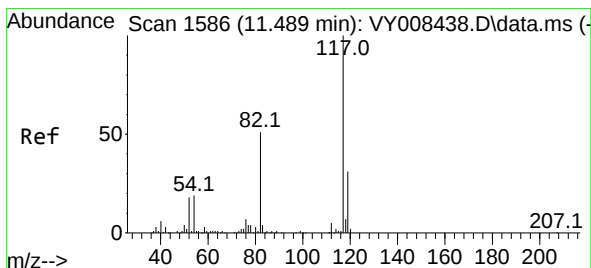
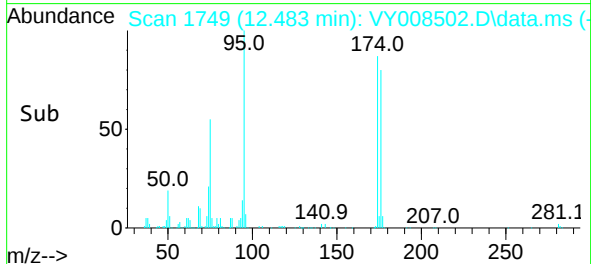
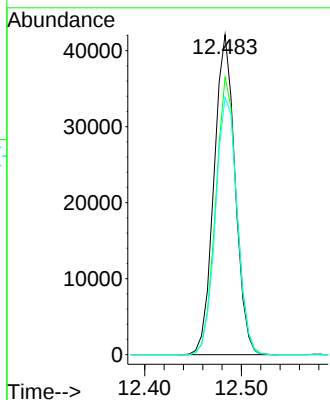
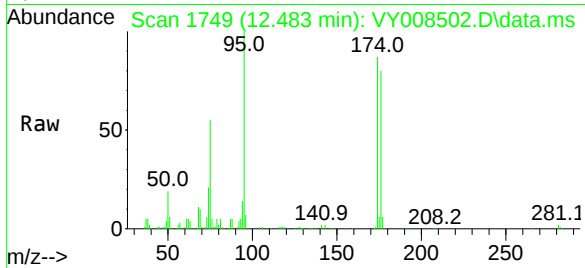




#62
4-Bromofluorobenzene
Concen: 47.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

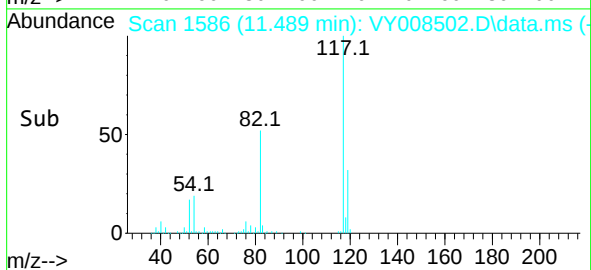
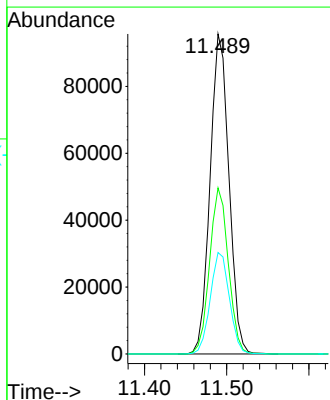
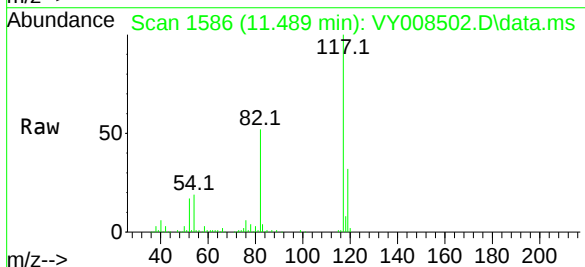
Instrument :
MSVOA_Y
ClientSampleId :
C3

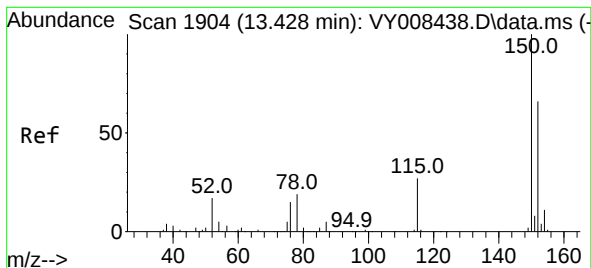
Tgt Ion: 95 Resp: 63611
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008502.D
Acq: 26 Apr 2022 14:30

Tgt Ion: 117 Resp: 152268
Ion Ratio Lower Upper
117 100
82 51.9 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: VY008502.D

Acq: 26 Apr 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

C3

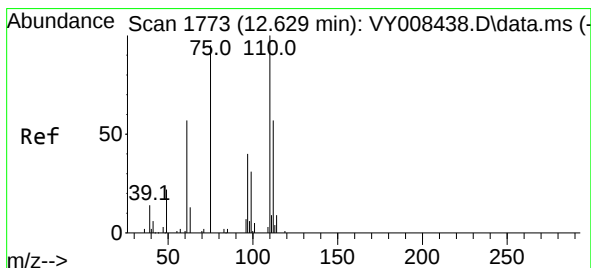
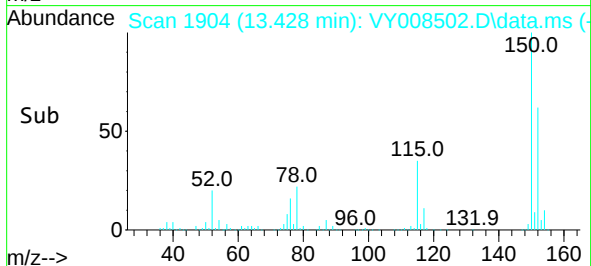
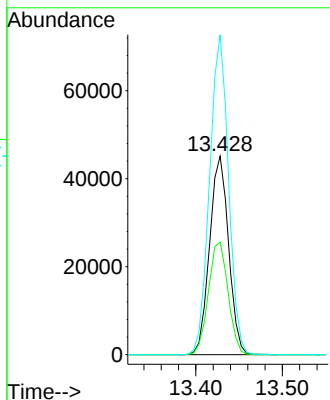
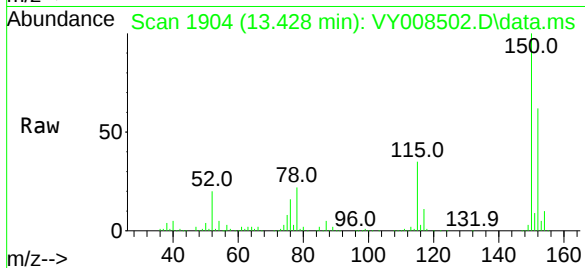
Tgt Ion:152 Resp: 68858

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 160.3 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.744 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008502.D

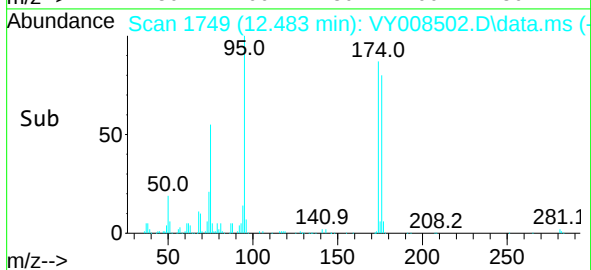
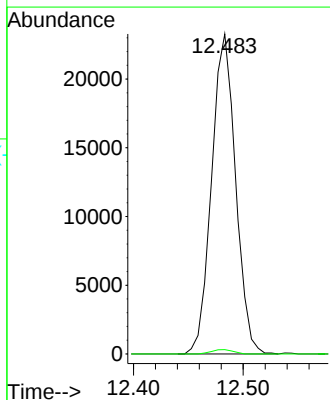
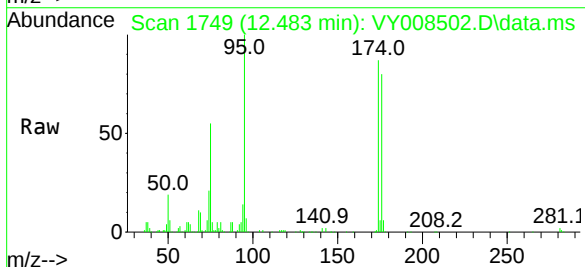
Acq: 26 Apr 2022 14:30

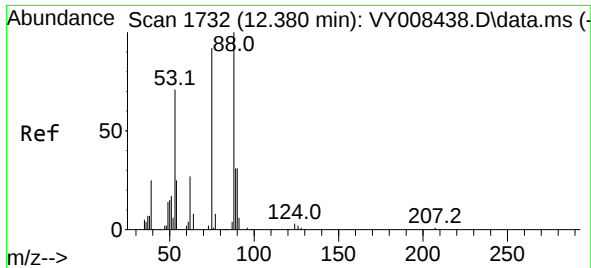
Tgt Ion: 75 Resp: 35417

Ion Ratio Lower Upper

75 100

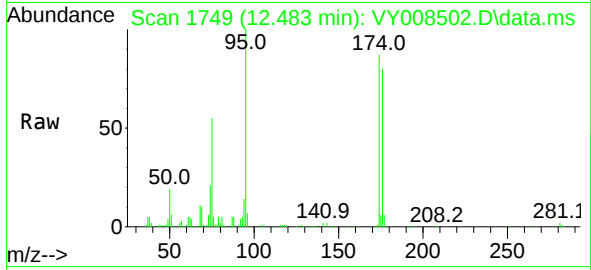
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.201 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008502.D
 Acq: 26 Apr 2022 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 C3



Tgt Ion:	75	Resp:	35417
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

