

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009108.D
 Acq On : 26 May 2022 11:03
 Operator : KP/MD
 Sample : VY0526SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0526SBL01

Quant Time: May 27 03:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

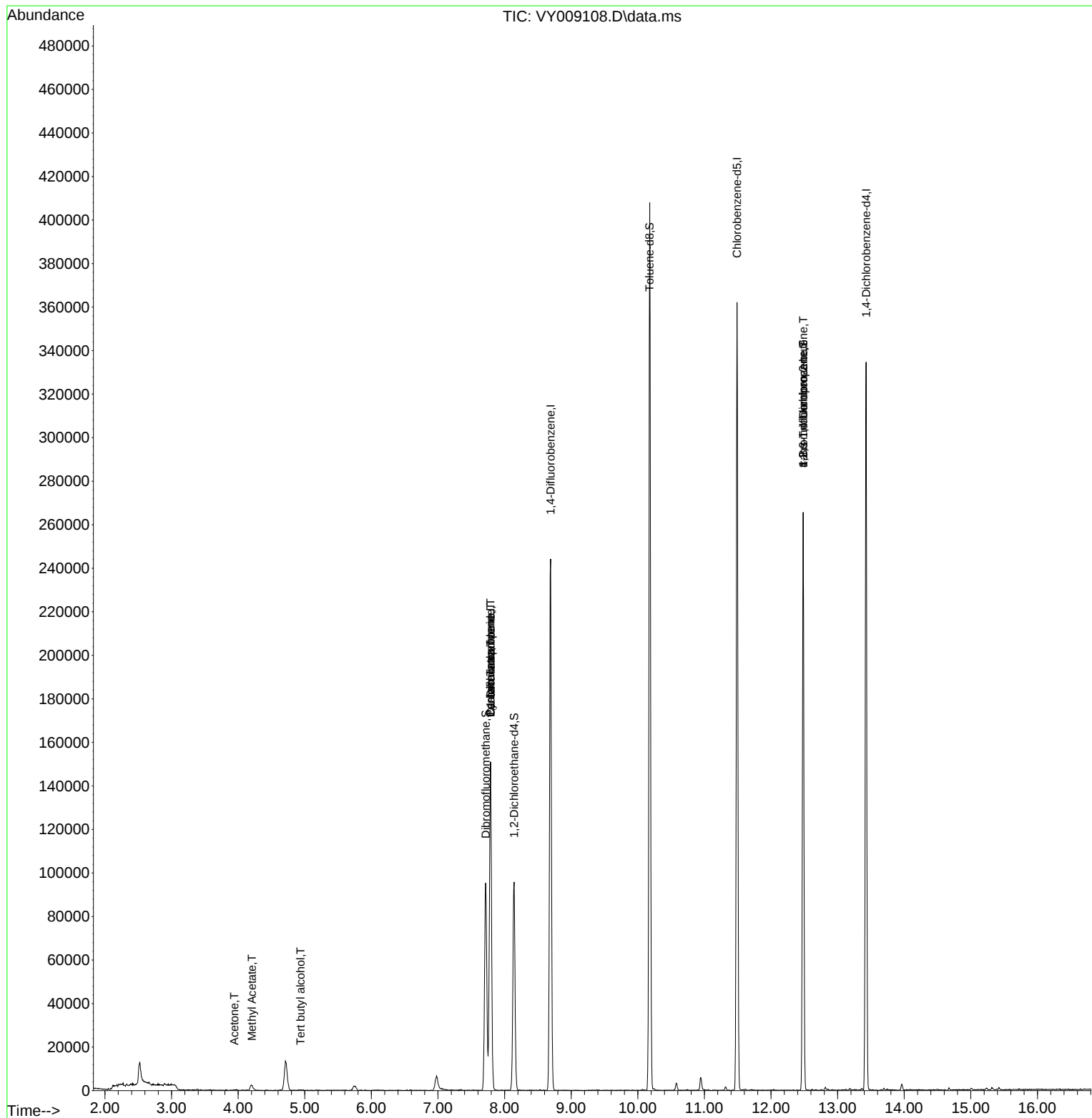
Internal Standards						
1) Pentafluorobenzene	7.789	168	112453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70333	60.771	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 121.540%	
35) Dibromofluoromethane	7.716	113	63992	50.995	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 102.000%	
50) Toluene-d8	10.179	98	249065	53.801	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.483	95	68751	36.816	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 73.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	260	2.215	ug/l #	77
16) Acetone	3.942	43	510	2.117	ug/l #	47
18) Methyl Acetate	4.204	43	868	1.157	ug/l #	56
20) Methylene Chloride	4.710	84	9544	Below Cal		89
31) Cyclohexane	7.789	56	3013	1.331	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	9937	4.653	ug/l #	49
38) Carbon Tetrachloride	7.789	117	11474	5.136	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	40421	47.829	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40421	98.168	ug/l #	7

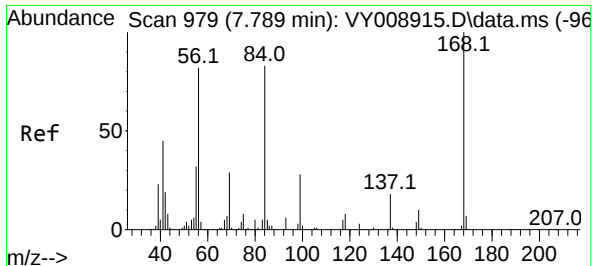
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

Quant Time: May 27 03:22:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

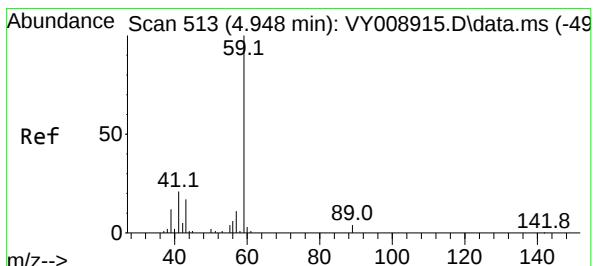
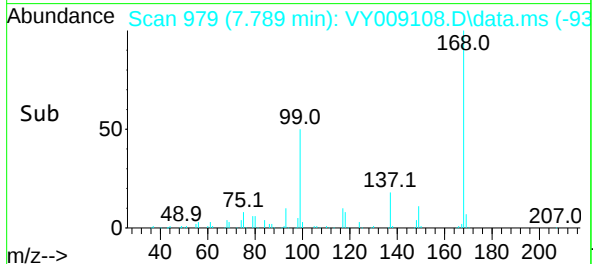
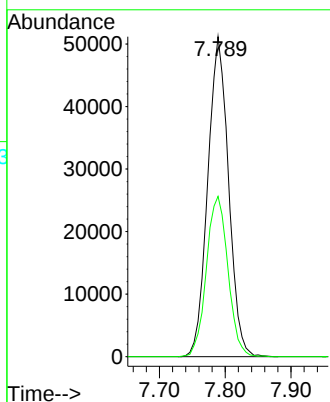
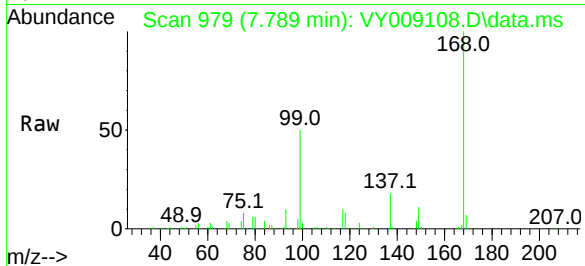




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

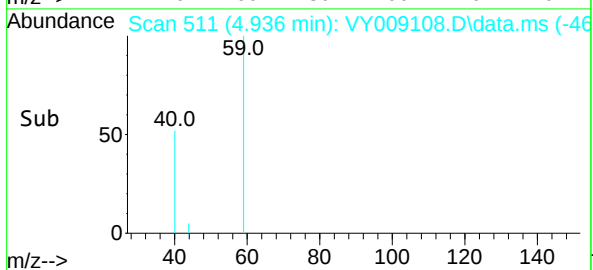
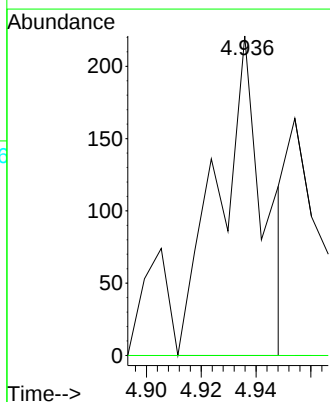
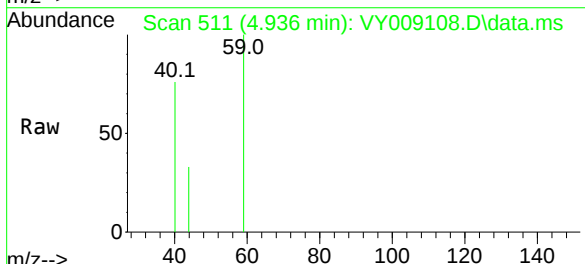
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

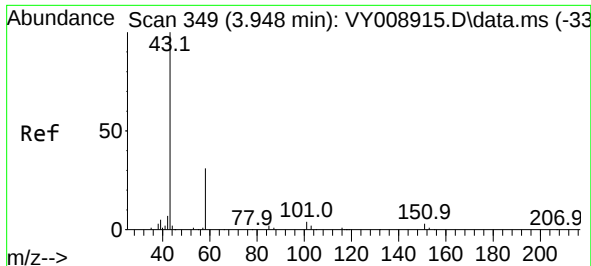
Tgt Ion:168 Resp: 112453
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.215 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

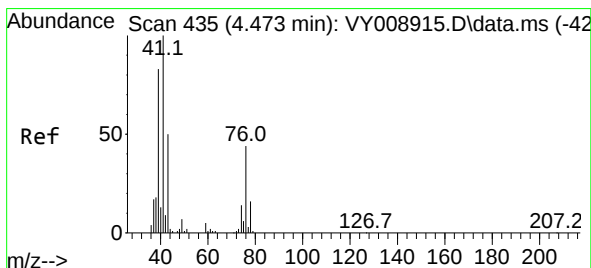
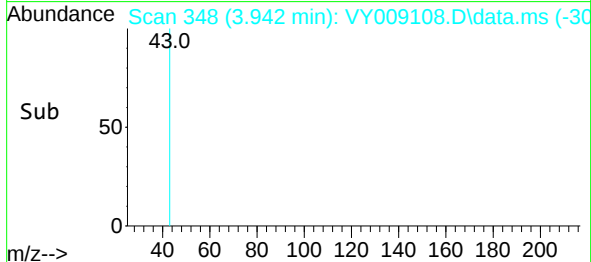
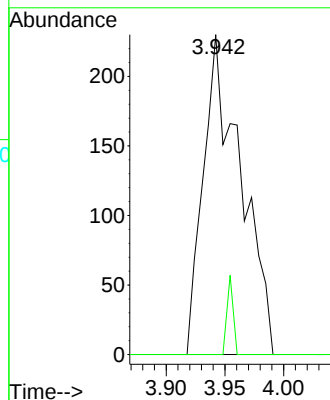
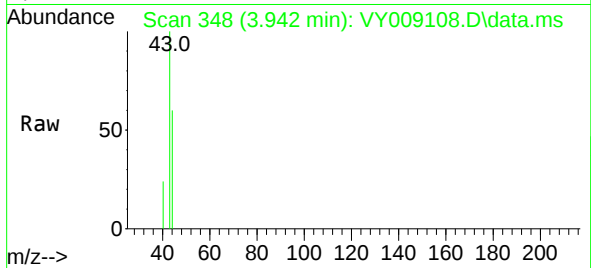




#16
Acetone
Concen: 2.117 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

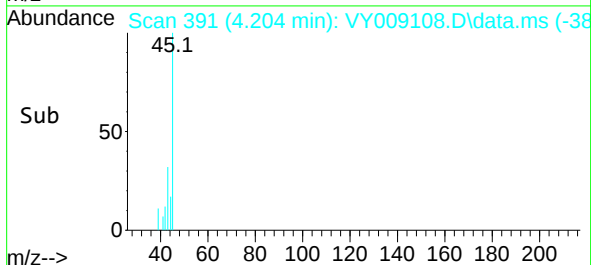
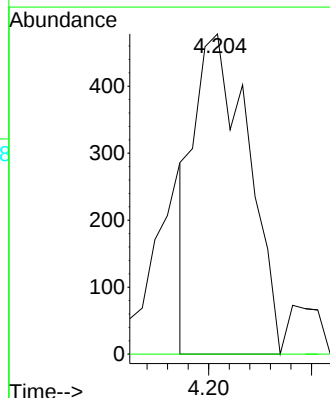
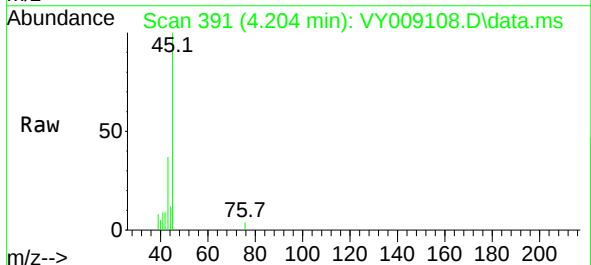
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

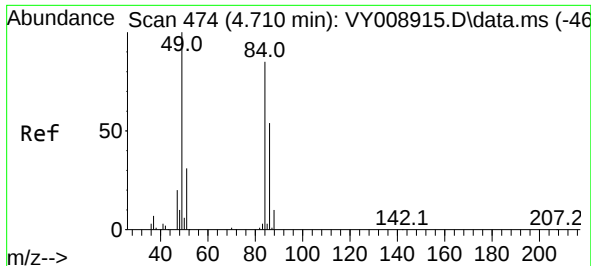
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: 1.157 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.269 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

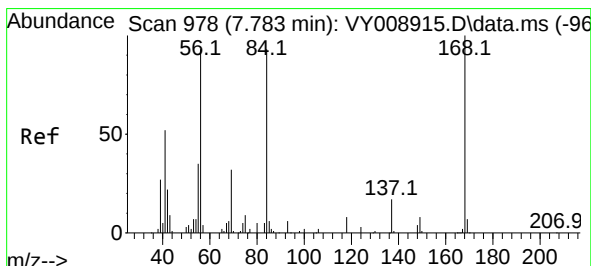
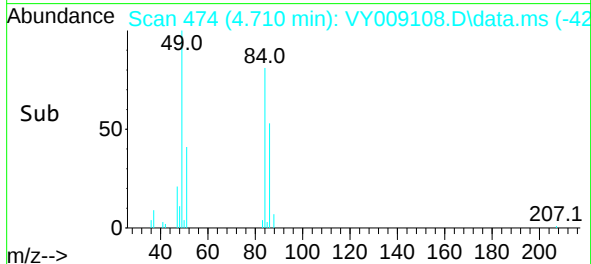
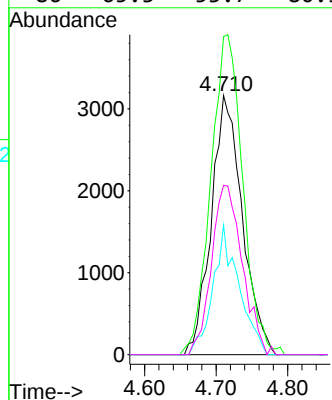
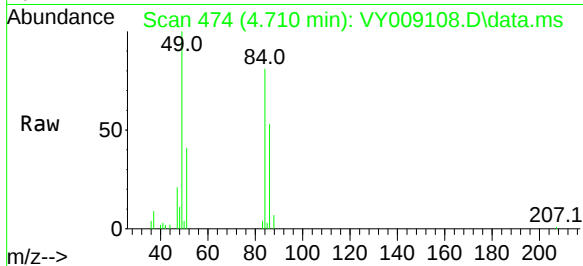




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

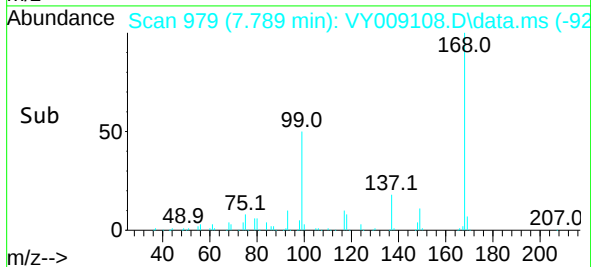
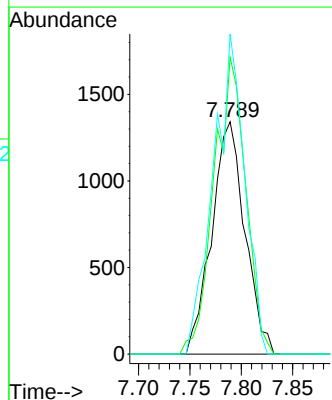
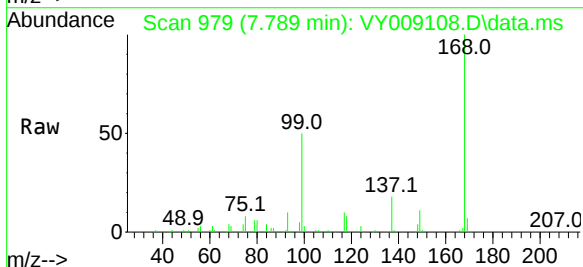
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

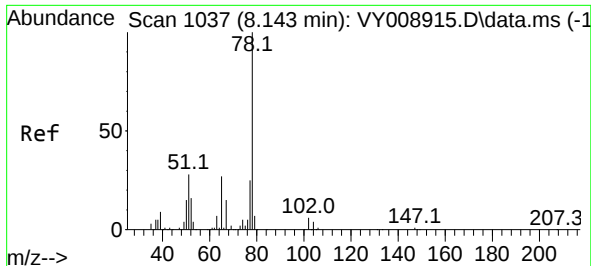
Tgt Ion:	84	Resp:	9544
Ion	Ratio	Lower	Upper
84	100		
49	122.7	114.4	171.6
51	50.0	35.3	52.9
86	65.3	53.7	80.5



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

Tgt Ion:	56	Resp:	3013
Ion	Ratio	Lower	Upper
56	100		
69	127.8	26.7	40.1#
84	137.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.771 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

Instrument :

MSVOA_Y

ClientSampleId :

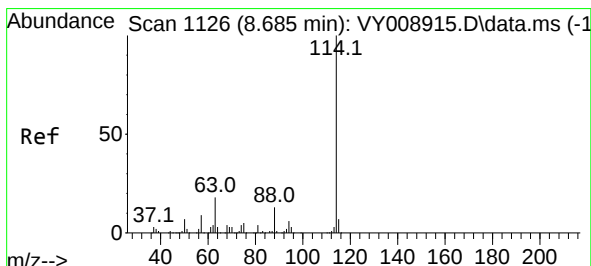
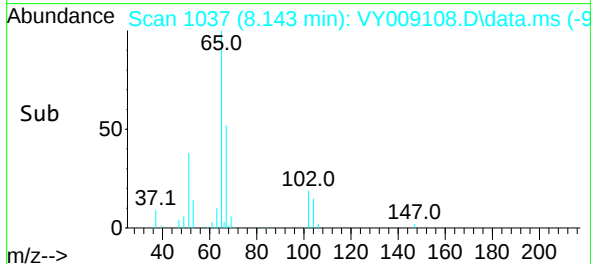
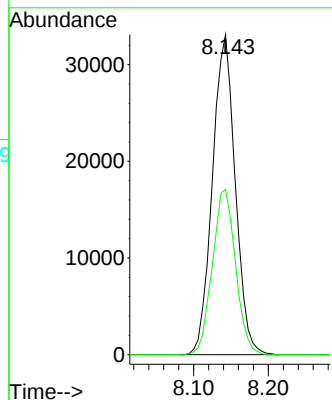
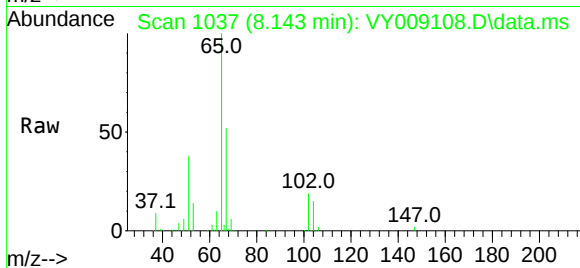
VY0526SBL01

Tgt Ion: 65 Resp: 70333

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. 0.006 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

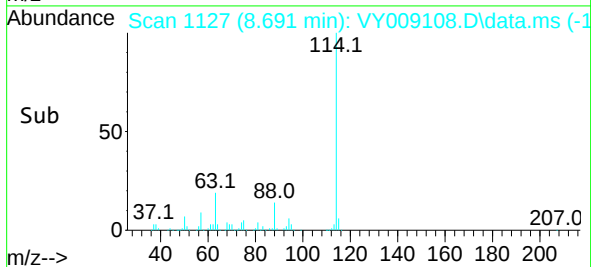
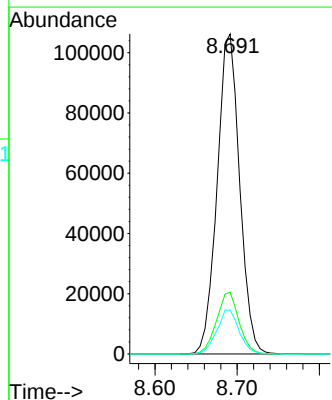
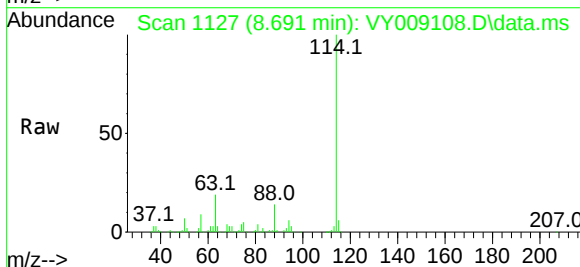
Tgt Ion: 114 Resp: 201797

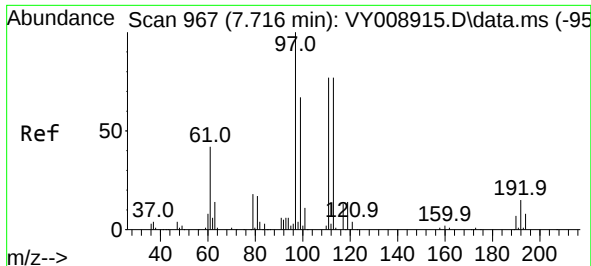
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.7 0.0 31.8

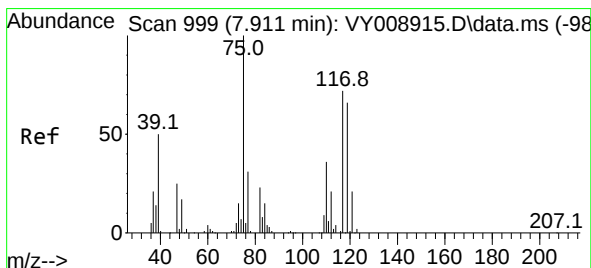
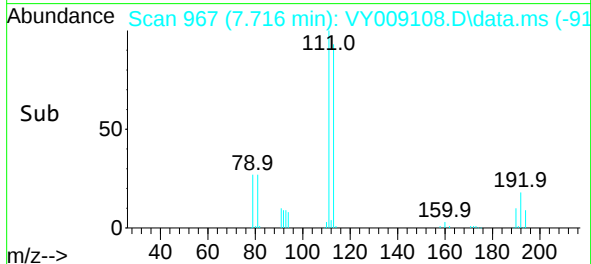
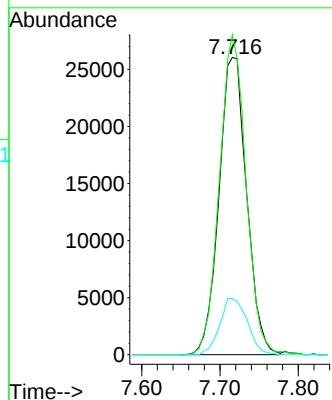
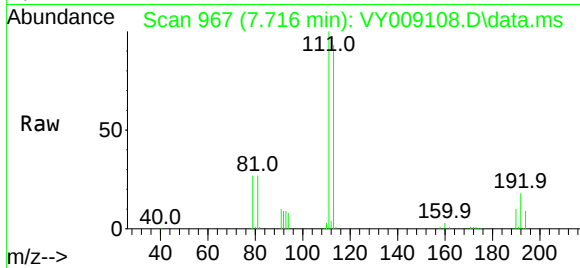




#35
Dibromofluoromethane
Concen: 50.995 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

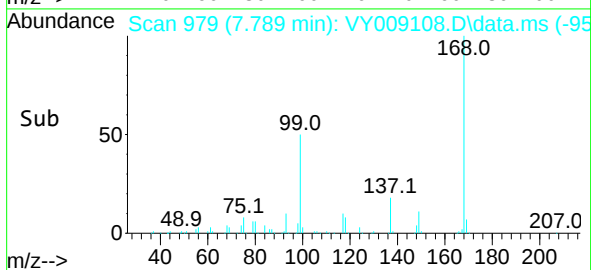
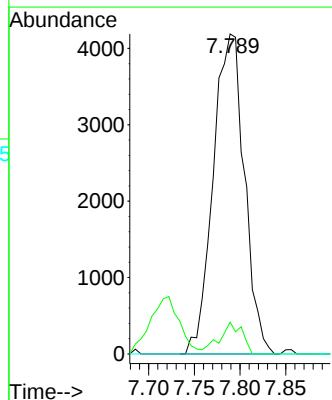
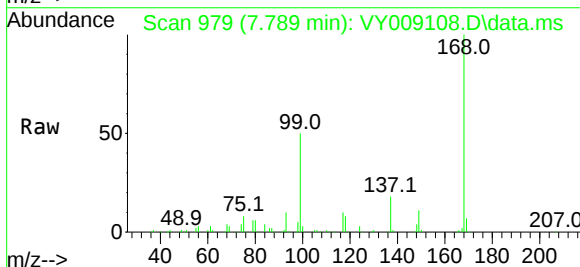
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

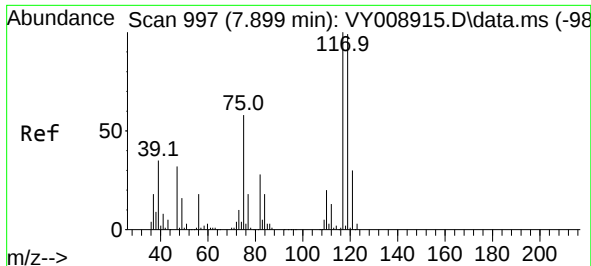
Tgt Ion:113 Resp: 63992
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

Tgt Ion: 75 Resp: 9937
Ion Ratio Lower Upper
75 100
110 7.1 17.1 51.2#
77 0.0 24.4 36.6#

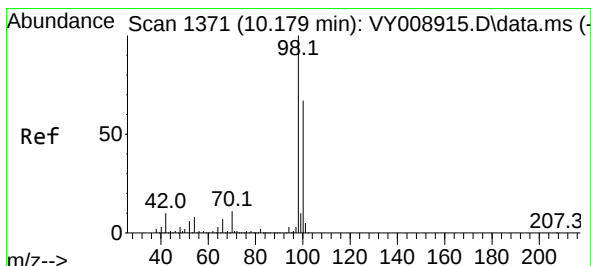
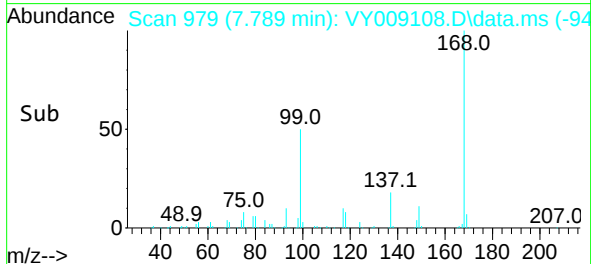
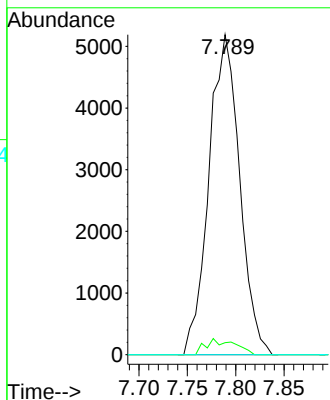
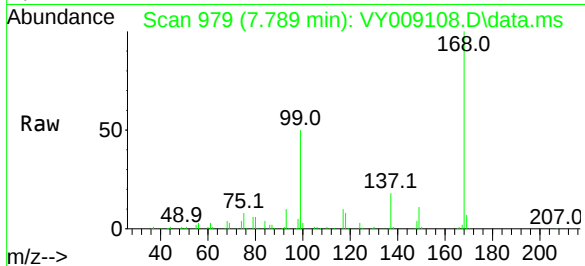




#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

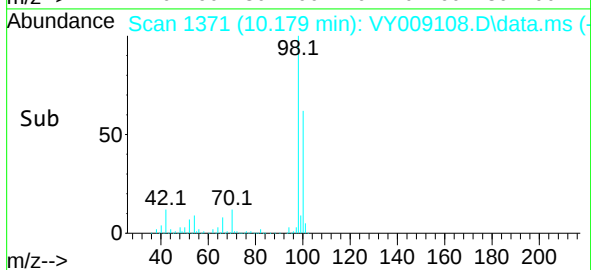
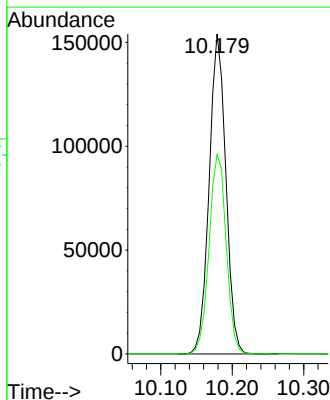
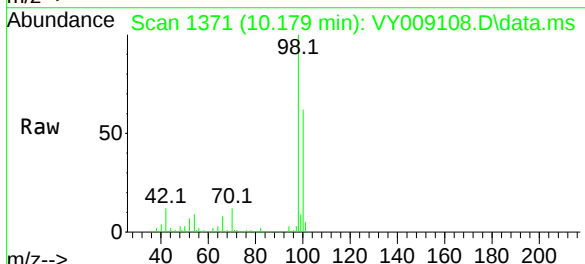
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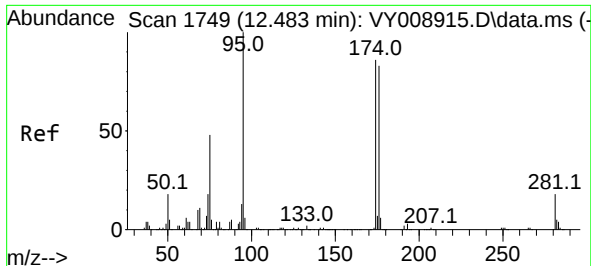
Tgt Ion:117 Resp: 11474
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.801 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

Tgt Ion: 98 Resp: 249065
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 36.816 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0526SBL01

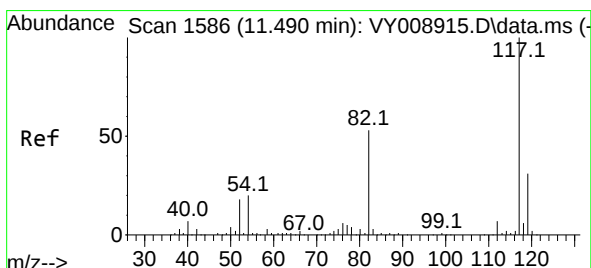
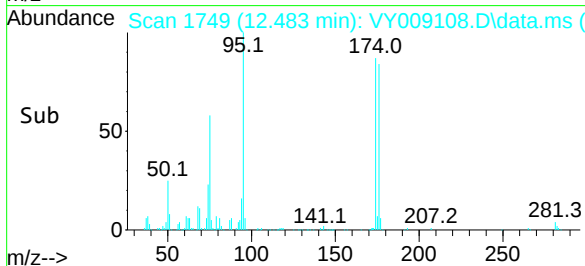
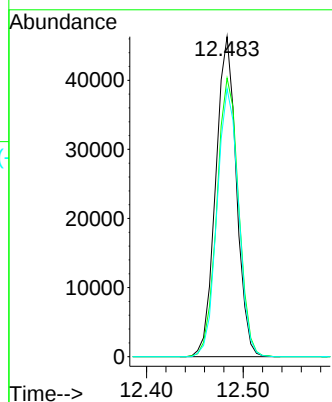
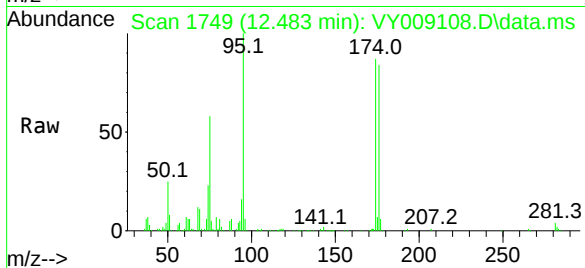
Tgt Ion: 95 Resp: 68751

Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.0

176 86.6 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

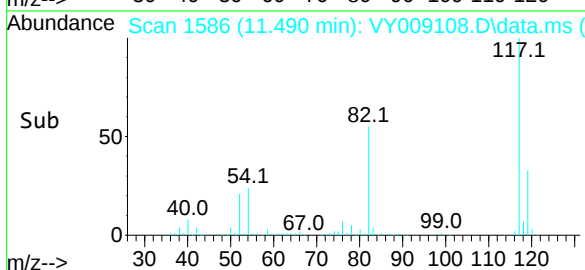
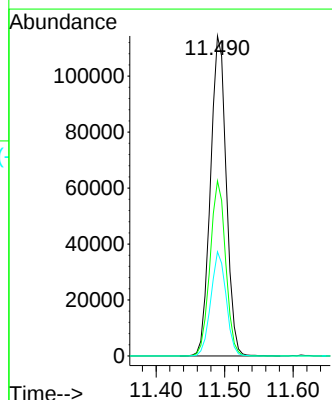
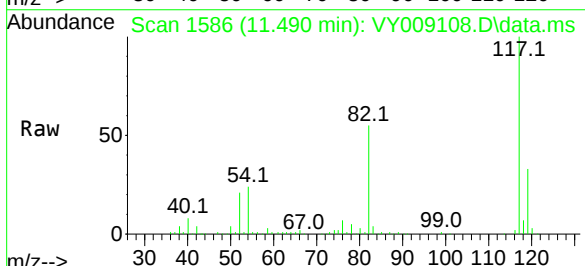
Tgt Ion: 117 Resp: 183383

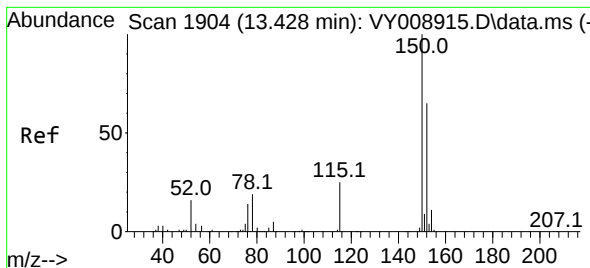
Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.4

119 32.5 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: VY009108.D

Acq: 26 May 2022 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0526SBL01

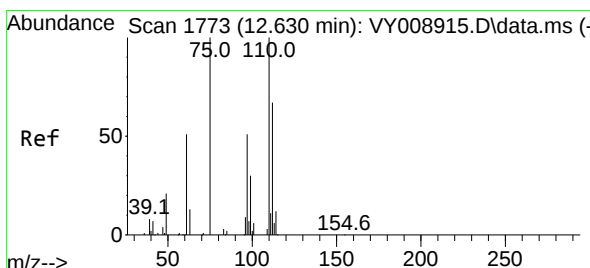
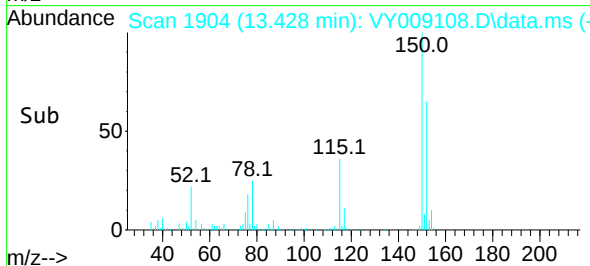
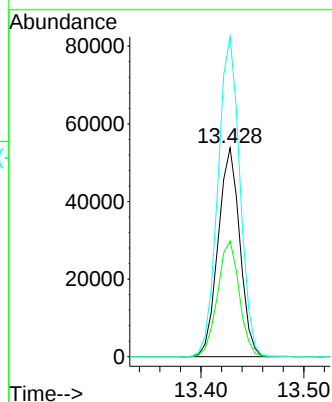
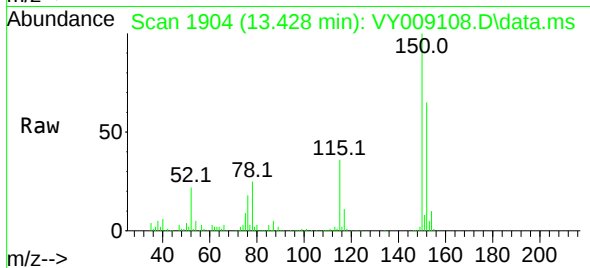
Tgt Ion:152 Resp: 78698

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 154.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 47.829 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY009108.D

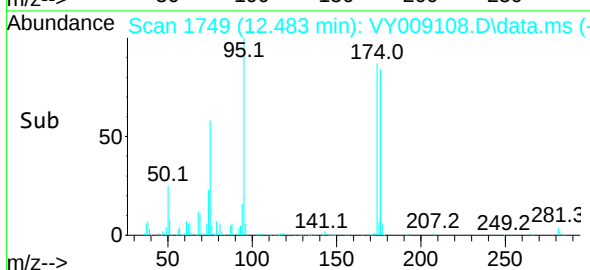
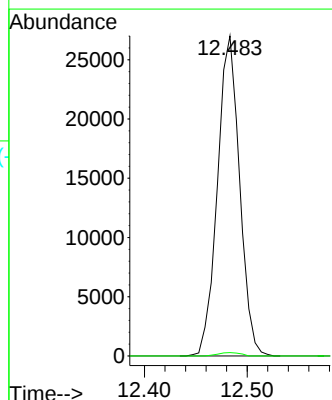
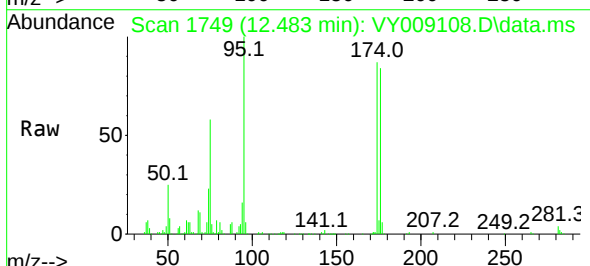
Acq: 26 May 2022 11:03

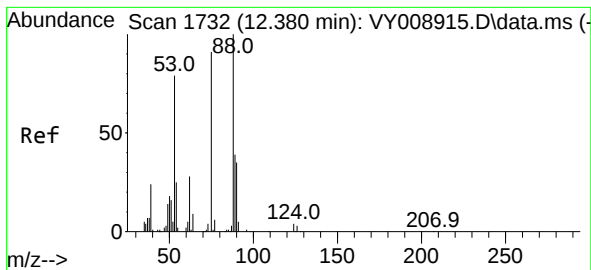
Tgt Ion: 75 Resp: 40421

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.168 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009108.D
 Acq: 26 May 2022 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0526SBL01

Tgt Ion: 75 Resp: 40421
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

