

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012901.D
 Acq On : 09 Mar 2023 16:03
 Operator : KP/MD
 Sample : 01833-01
 Misc : 2.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 46

Quant Time: Mar 10 00:32:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

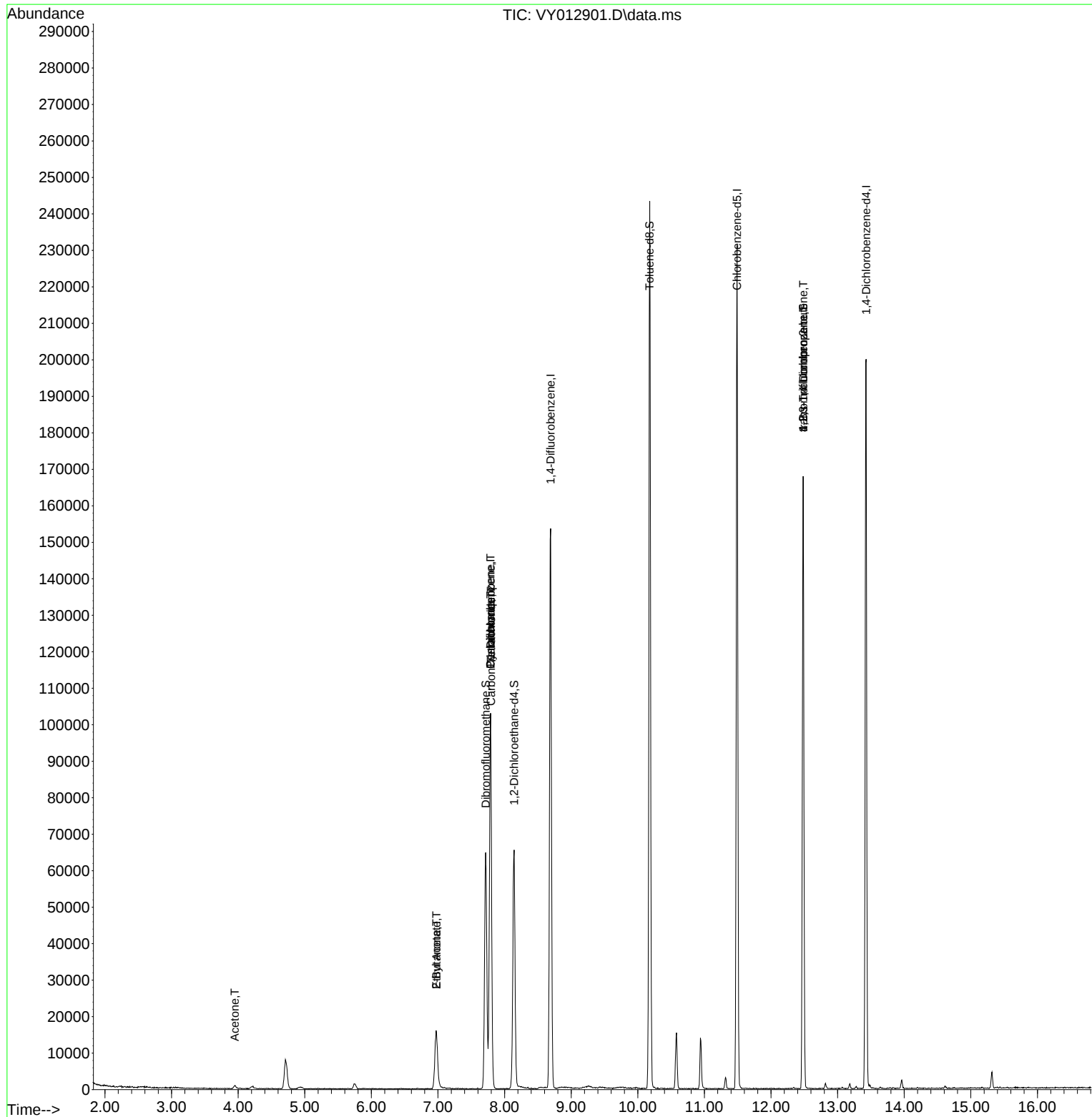
Internal Standards						
1) Pentafluorobenzene	7.789	168	78617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	129616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50537	64.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.480%
35) Dibromofluoromethane	7.716	113	44883	57.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.760%
50) Toluene-d8	10.179	98	157259	54.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.980%
62) 4-Bromofluorobenzene	12.483	95	46261	47.928	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	537	Below Cal	#	74
16) Acetone	3.948	43	1592	5.196	ug/l	92
25) 2-Butanone	6.978	43	919	2.422	ug/l	95
31) Cyclohexane	7.789	56	1725	1.154	ug/l	# 12
36) 1,1-Dichloropropene	7.789	75	6202	4.731	ug/l	# 49
37) Ethyl Acetate	6.978	43	919	1.112	ug/l	# 1
38) Carbon Tetrachloride	7.795	117	7955	5.877	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	24214	38.309	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	24214	79.378	ug/l	# 13

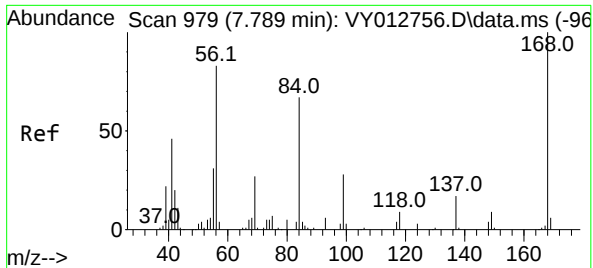
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
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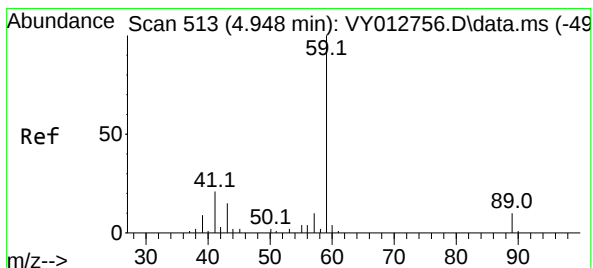
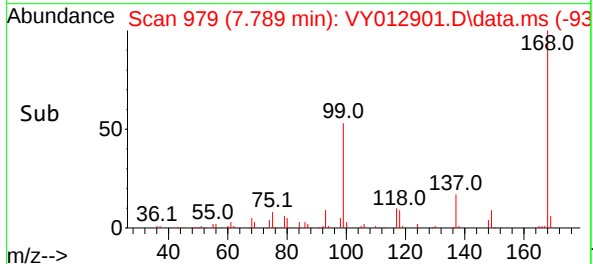
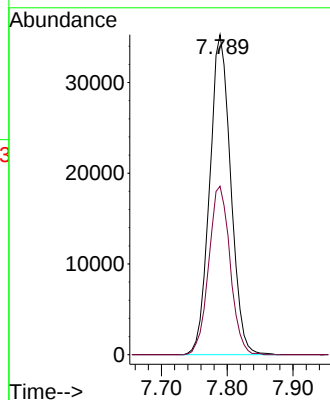
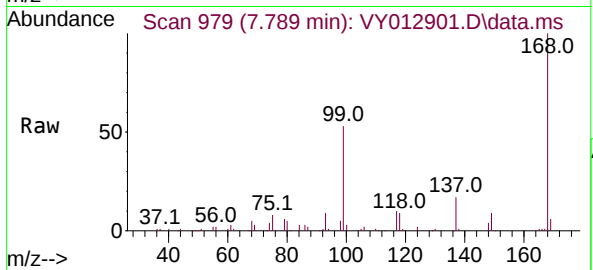




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

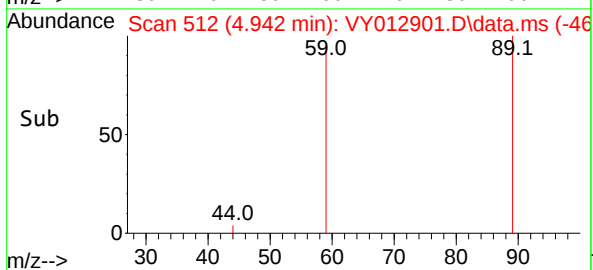
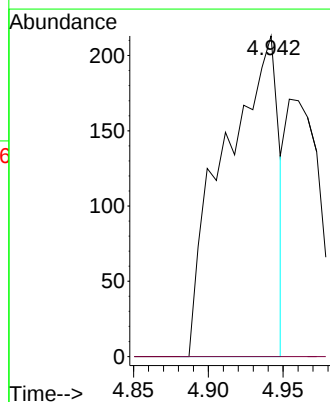
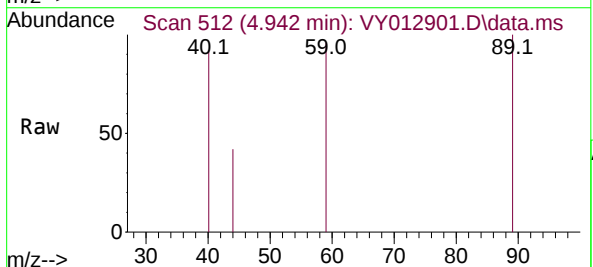
Instrument :
MSVOA_Y
ClientSampleId :
46

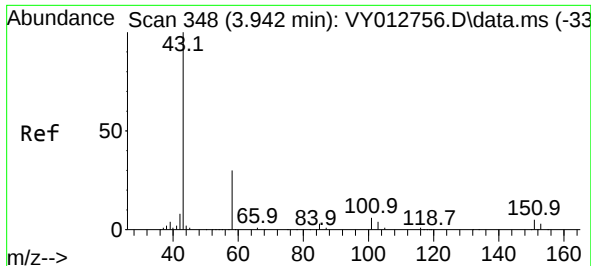
Tgt Ion:168 Resp: 78617
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

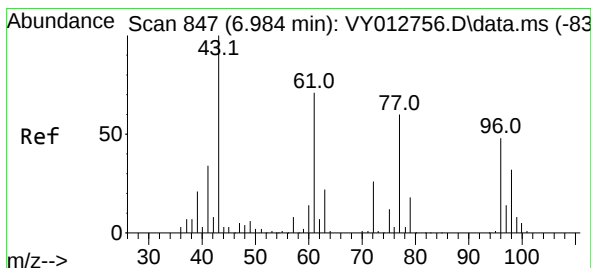
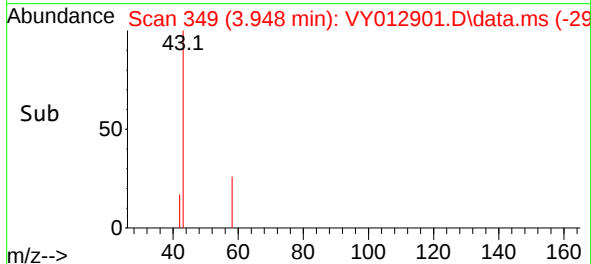
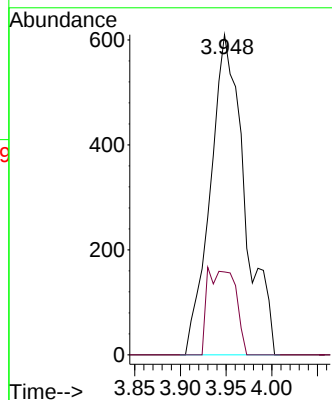
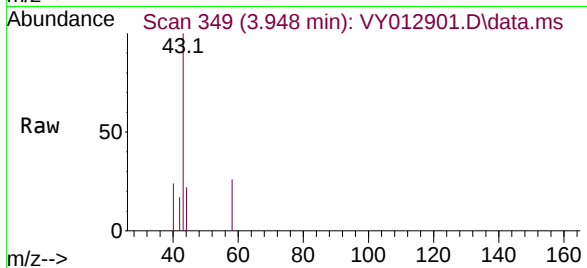




#16
Acetone
Concen: 5.196 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

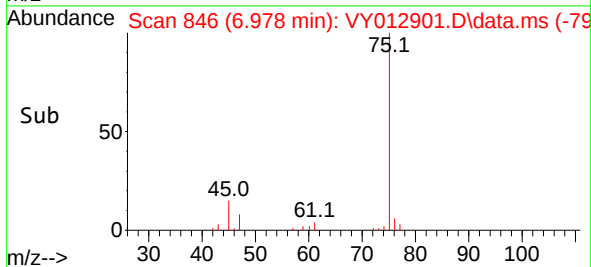
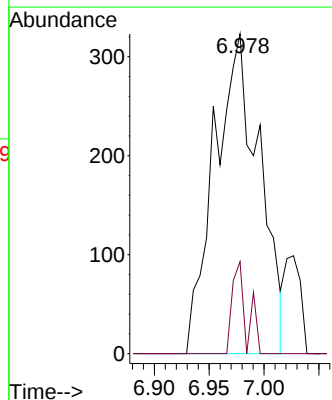
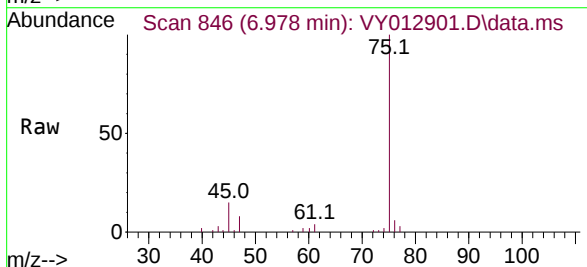
Instrument :
MSVOA_Y
ClientSampleId :
46

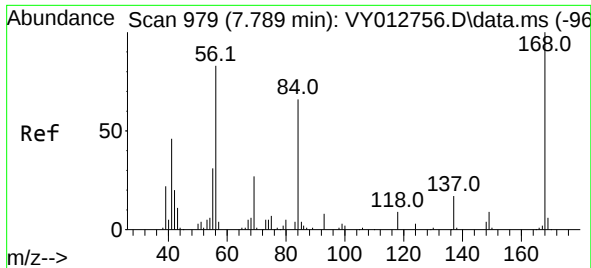
Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 25.9 24.2 36.2



#25
2-Butanone
Concen: 2.422 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
72 28.8 21.0 31.4

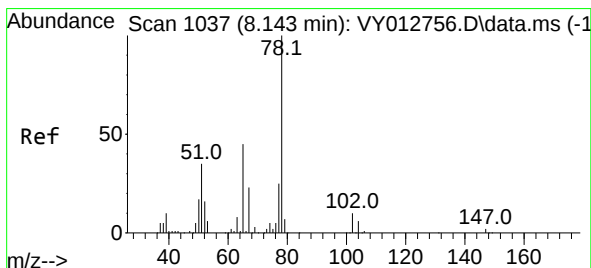
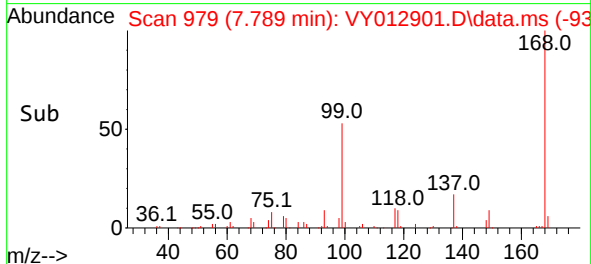
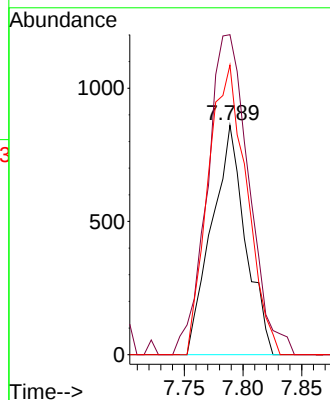
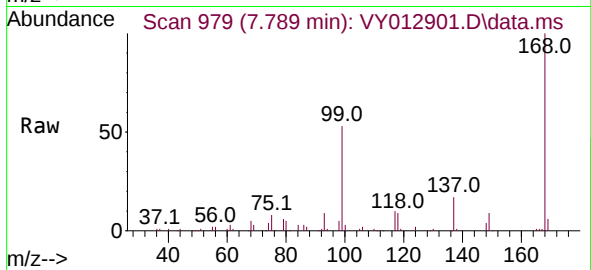




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

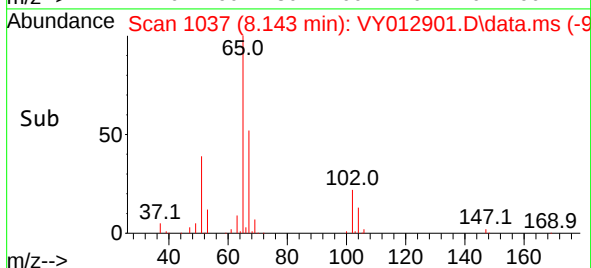
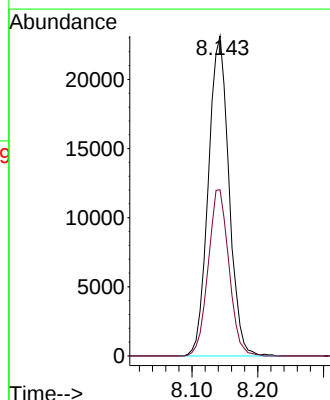
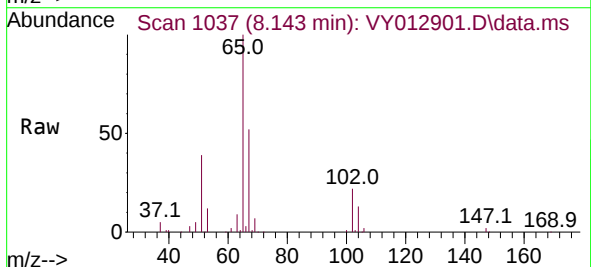
Instrument :
MSVOA_Y
ClientSampleId :
46

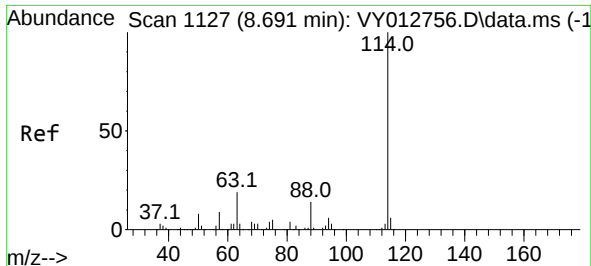
Tgt Ion: 56 Resp: 1725
Ion Ratio Lower Upper
56 100
69 131.5 25.7 38.5#
84 126.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 64.744 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

Tgt Ion: 65 Resp: 50537
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012901.D

Acq: 09 Mar 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

46

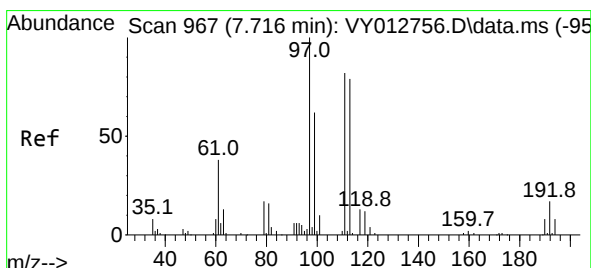
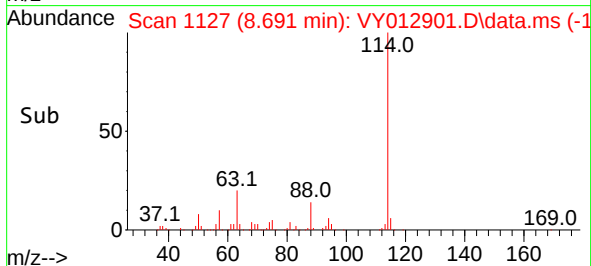
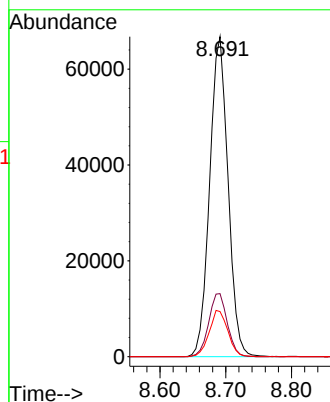
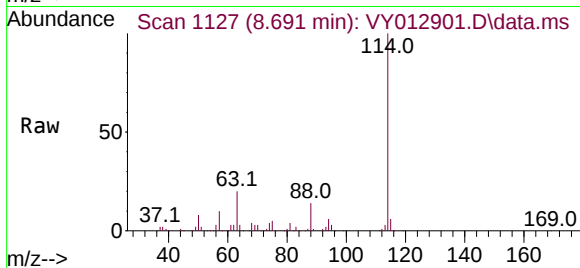
Tgt Ion:114 Resp: 129616

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.378 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012901.D

Acq: 09 Mar 2023 16:03

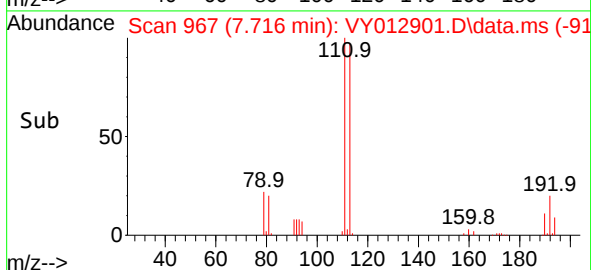
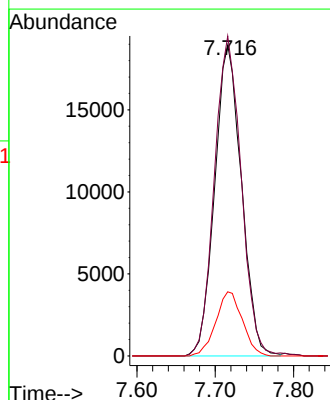
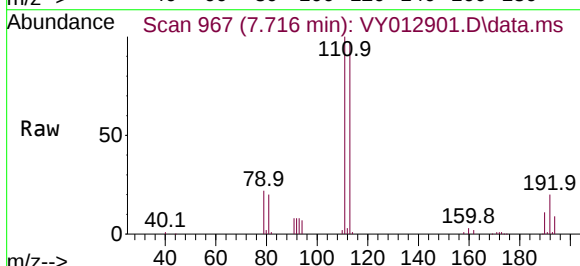
Tgt Ion:113 Resp: 44883

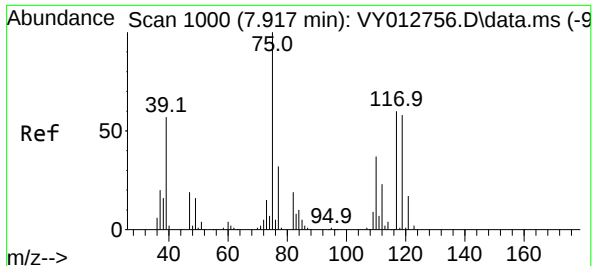
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.731 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012901.D

Acq: 09 Mar 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

46

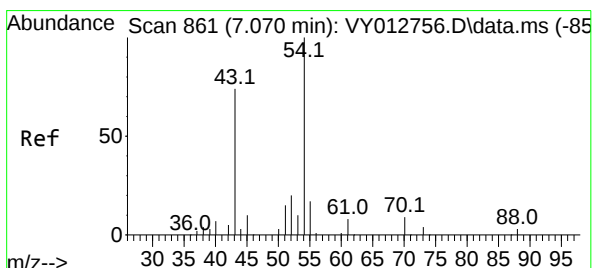
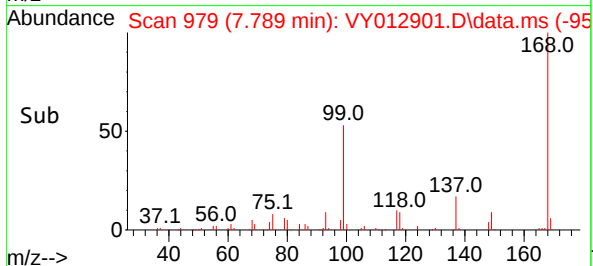
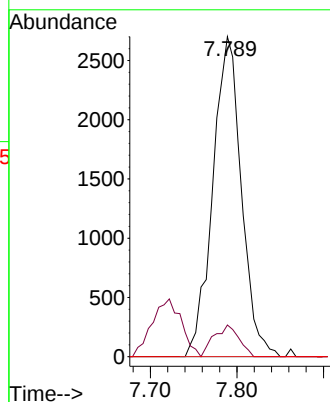
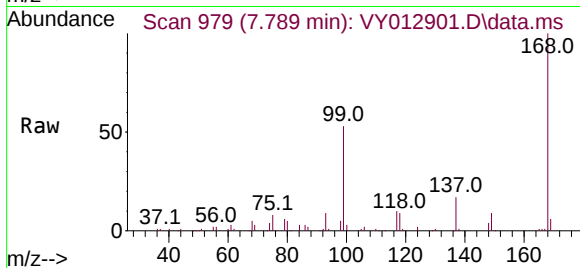
Tgt Ion: 75 Resp: 6202

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.112 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.091 min

Lab File: VY012901.D

Acq: 09 Mar 2023 16:03

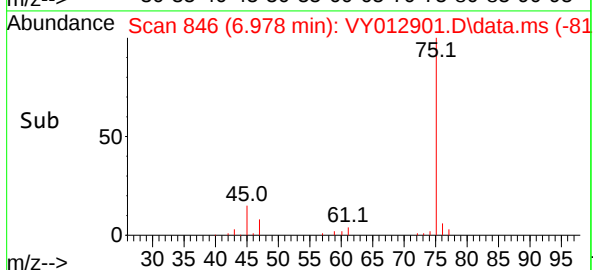
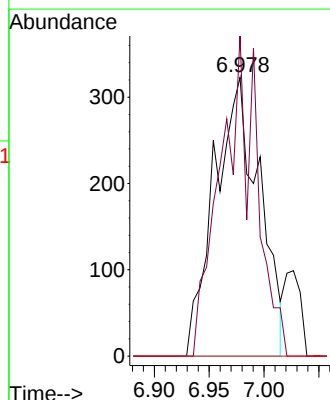
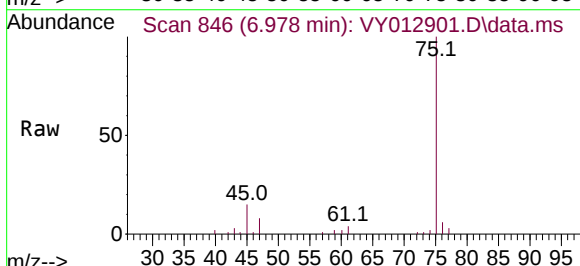
Tgt Ion: 43 Resp: 919

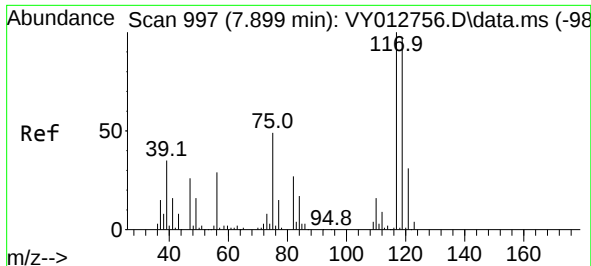
Ion Ratio Lower Upper

43 100

61 92.2 10.7 16.1#

70 0.0 7.8 11.8#

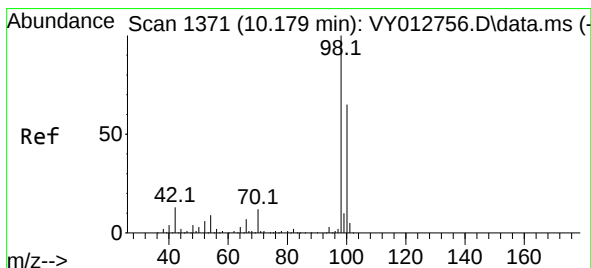
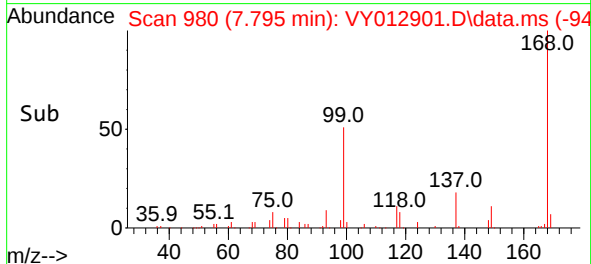
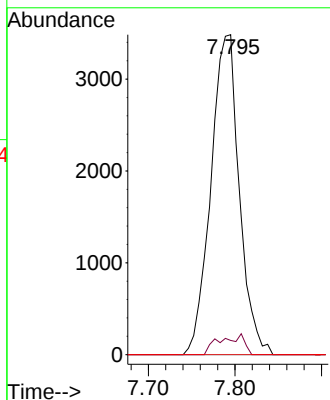
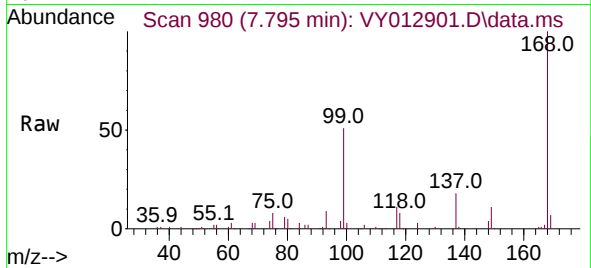




#38
Carbon Tetrachloride
Concen: 5.877 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

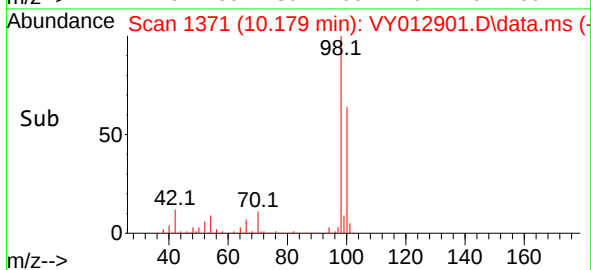
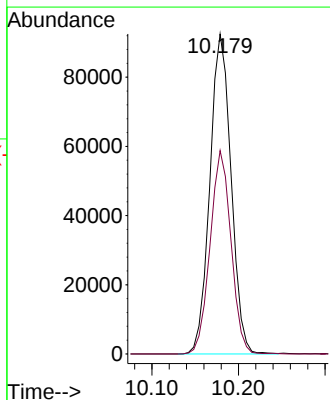
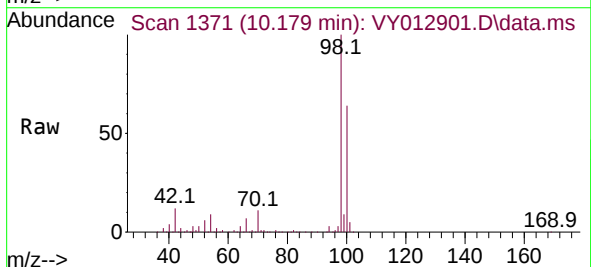
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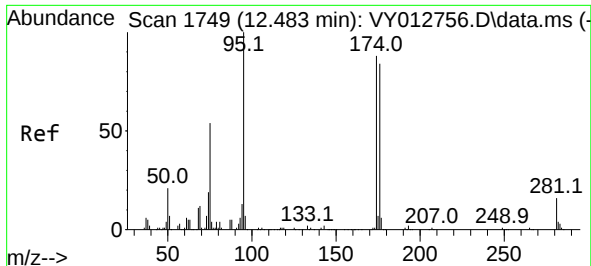
Tgt Ion:117 Resp: 7955
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.992 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

Tgt Ion: 98 Resp: 157259
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

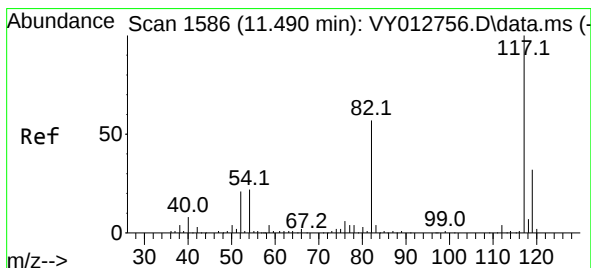
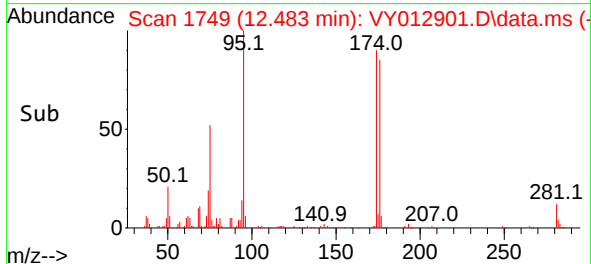
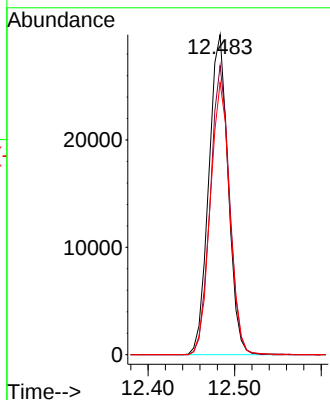
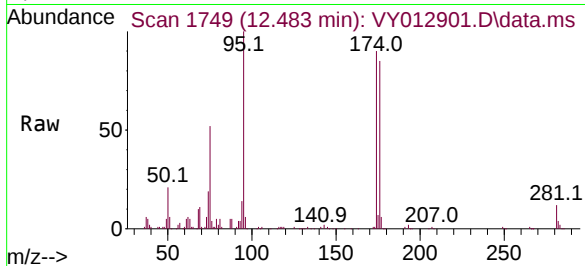




#62
4-Bromofluorobenzene
Concen: 47.928 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

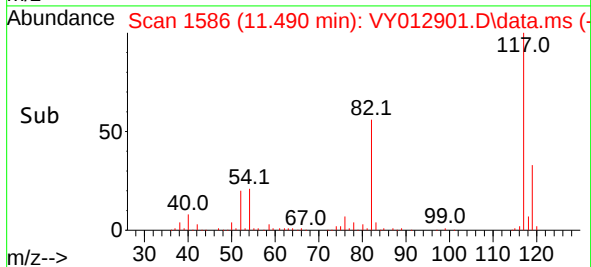
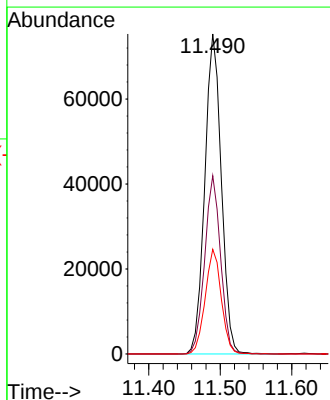
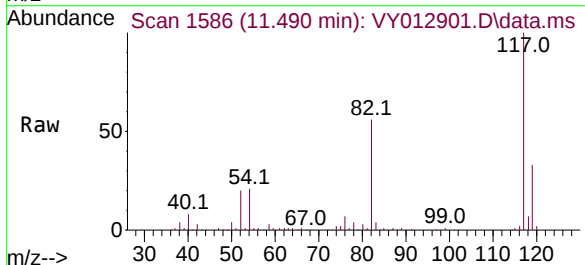
Instrument :
MSVOA_Y
ClientSampleId :
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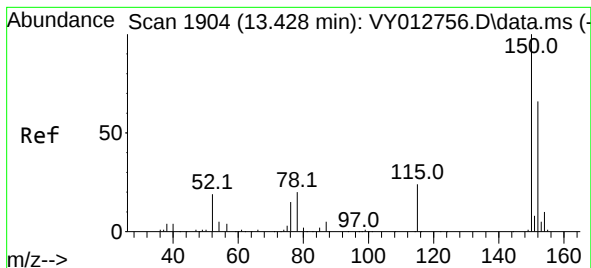
Tgt Ion: 95 Resp: 46261
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

Tgt Ion: 117 Resp: 120713
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 32.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012901.D

Acq: 09 Mar 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

46

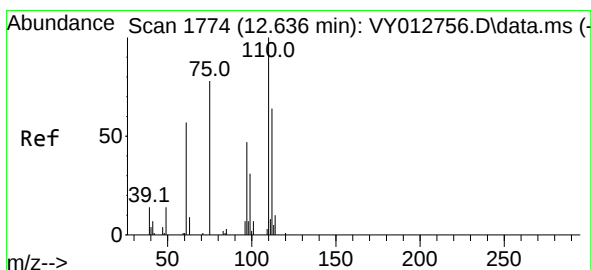
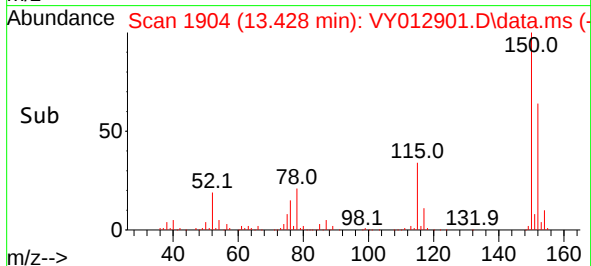
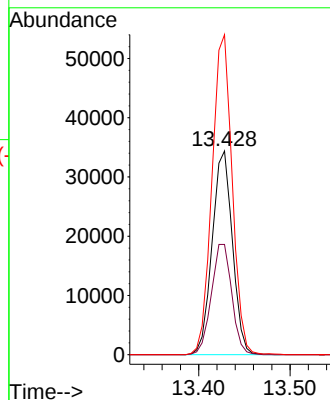
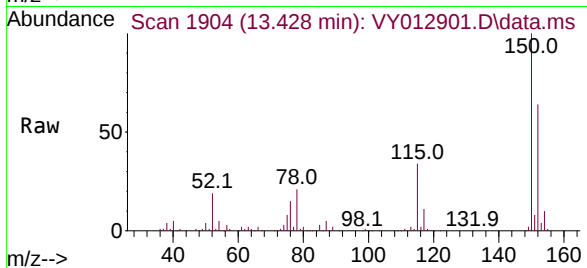
Tgt Ion:152 Resp: 52930

Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.3

150 156.4 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 38.309 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012901.D

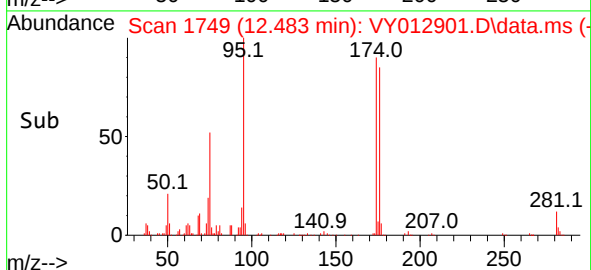
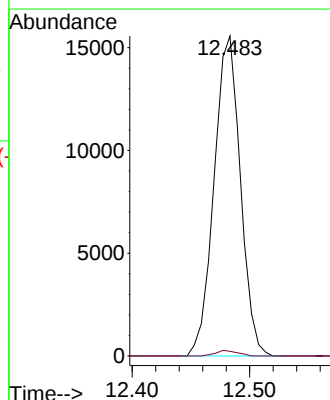
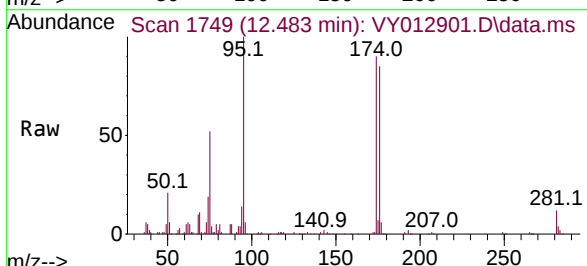
Acq: 09 Mar 2023 16:03

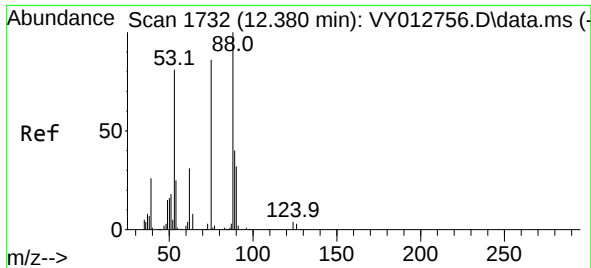
Tgt Ion: 75 Resp: 24214

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.378 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY012901.D
Acq: 09 Mar 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
46

Tgt Ion: 75 Resp: 24214
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

