

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003598.D
 Acq On : 24 Nov 2020 12:43
 Operator : SY/MD
 Sample : L4860-04
 Misc : 5.41G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:03:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	65549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	58607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	19916	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	22851	31.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.52%
7) Chloroethane-d5	2.77	69	18264	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.00%
10) 1,1-Dichloroethene-d2	3.86	63	34106	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	6.91	46	11651	31.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.96%
24) Chloroform-d	7.49	84	41365	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	8.15	65	22688	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.12	84	84985	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.13	67	24220	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.76%
37) Toluene-d8	10.18	98	64650	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.52%
38) trans-1,3-Dichloropropene-	10.44	79	10457	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.72%
39) 2-Hexanone-d5	10.79	63	6596	25.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.68%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	15461	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.92%
61) 1,2-Dichlorobenzene-d4	13.72	152	15094	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

Target Compounds

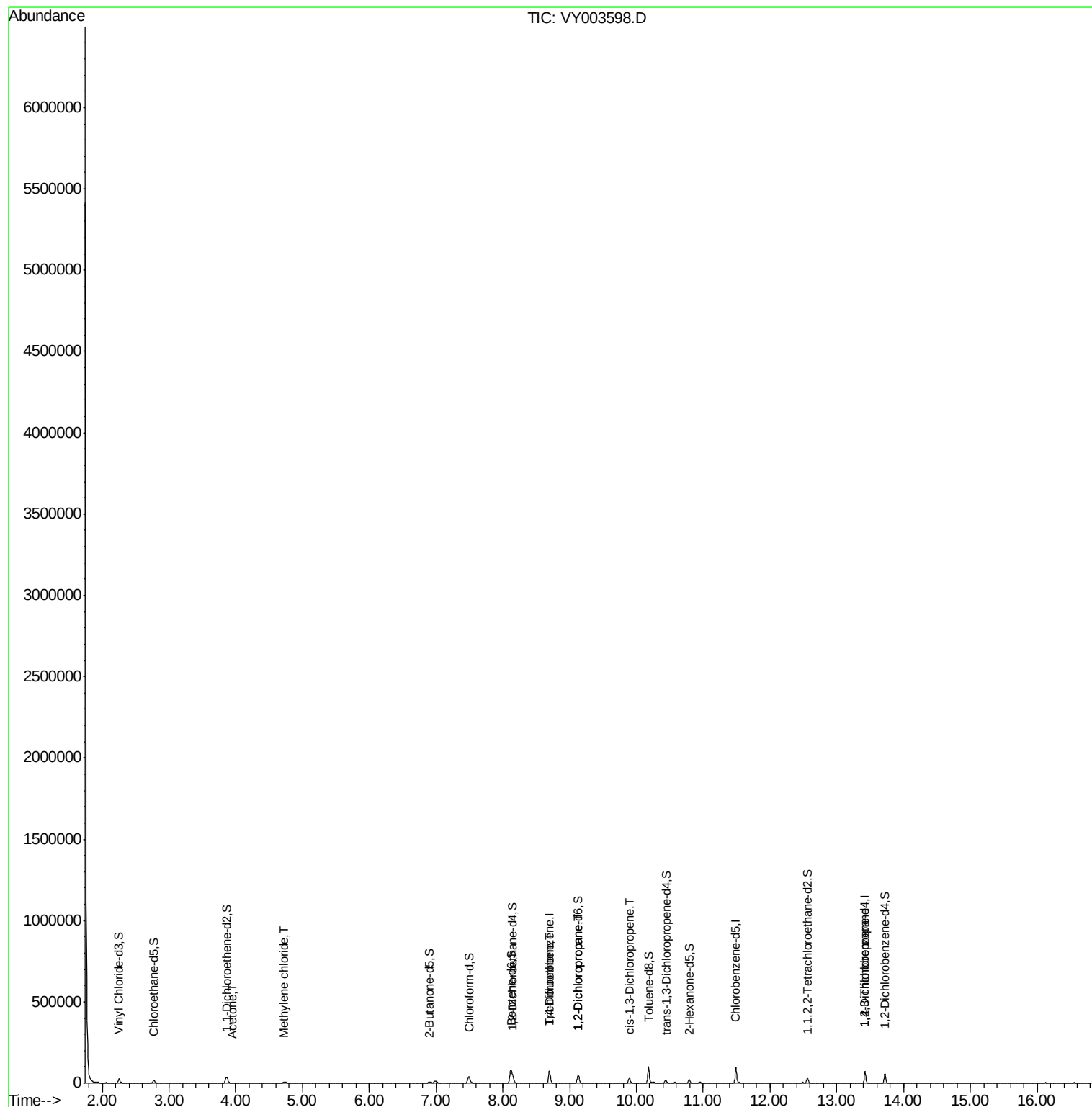
					Ovalue
13) Acetone	3.96	43	320	1.224 ug/L	86
16) Methylene chloride	4.72	84	4486	3.992 ug/L	91
35) Trichloroethene	8.70	95	2055	2.195 ug/L #	2
40) 1,2-Dichloropropane	9.13	63	2745	3.012 ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	859	0.598 ug/L #	66
59) 1,2,3-Trichloropropane	13.42	75	2681	4.009 ug/L	99

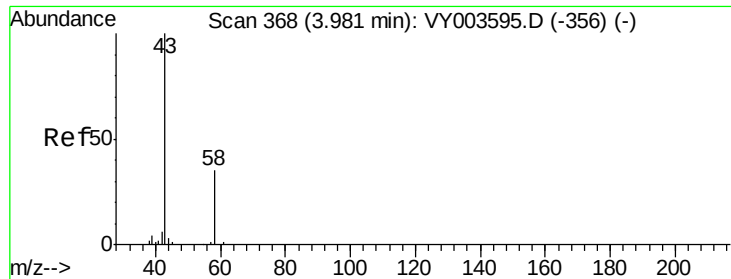
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 25 06:01:46 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.224 ug/L

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY003598.D

Acq: 24 Nov 2020 12:43

Instrument :

MSVOA_Y

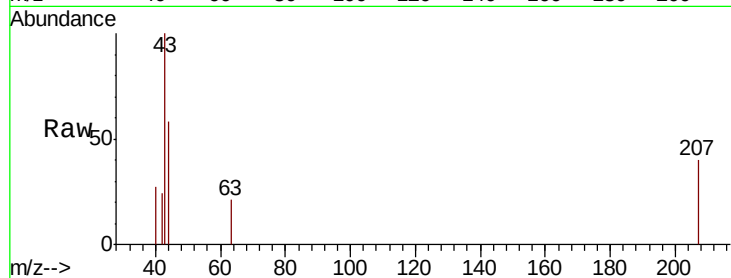
ClientSampled :

Tot Ion: 43 Resp: 320

Ion Ratio Lower Upper

43 100

58 25.3 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

250

200

150

100

50

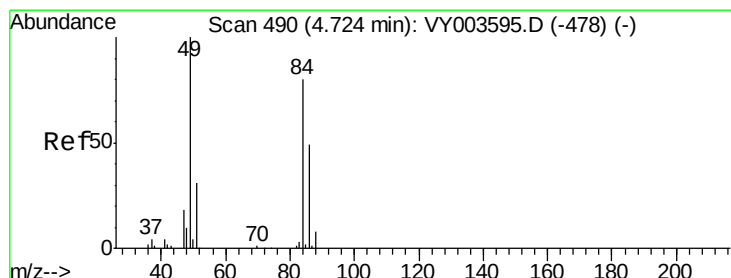
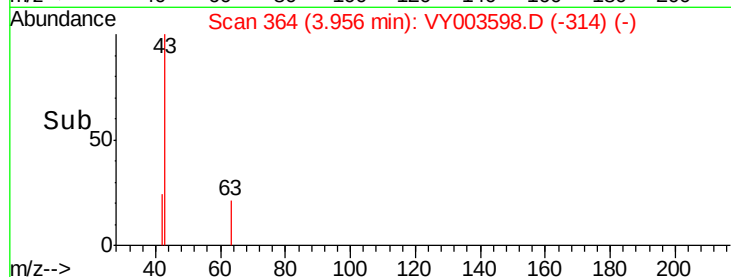
0

Time-->

3.92

3.94

3.96



#16

Methylene chloride

Concen: 3.992 ug/L

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY003598.D

Acq: 24 Nov 2020 12:43

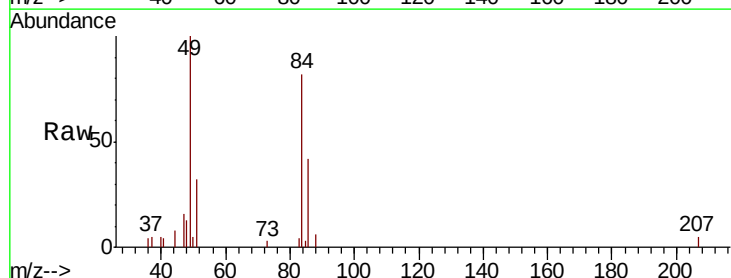
Tgt Ion: 84 Resp: 4486

Ion Ratio Lower Upper

84 100

49 122.1 90.3 167.7

86 51.4 44.7 83.1



Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

2500

2000

1500

1000

500

0

Time-->

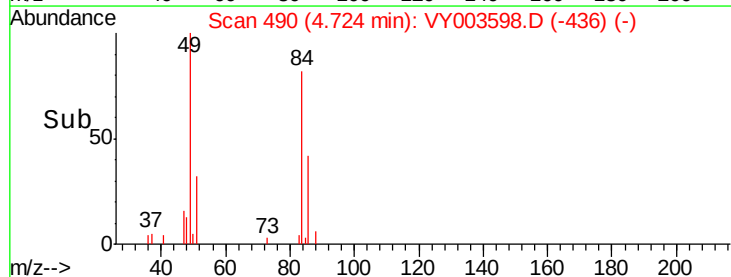
4.65

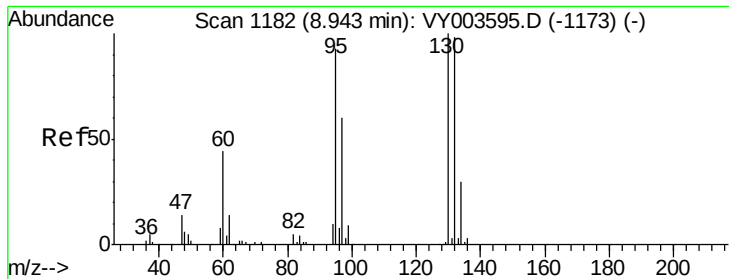
4.70

4.72

4.75

4.80





#35

Trichloroethene

Concen: 2.195 ug/L

RT: 8.70 min Scan# 1142

Delta R.T. -0.24 min

Lab File: VY003598.D

Acq: 24 Nov 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 95 Resp: 2055

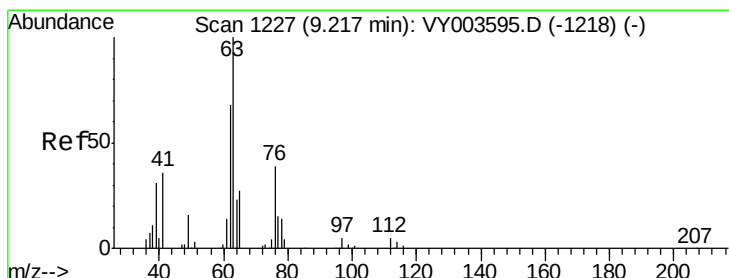
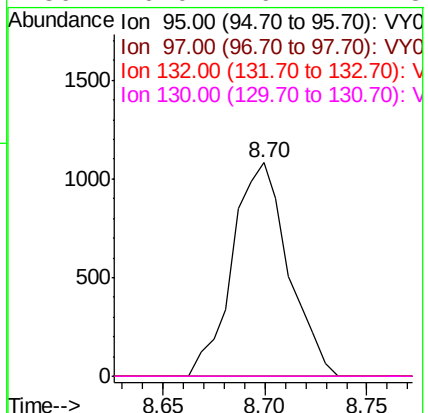
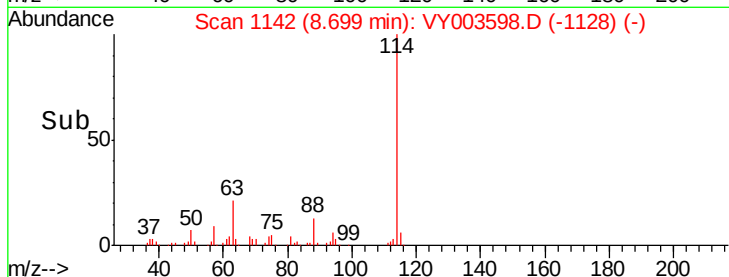
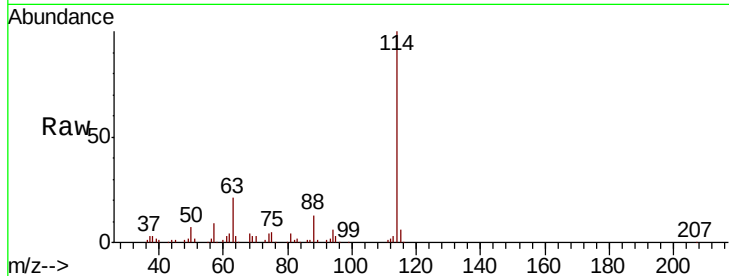
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 73.1 135.7#

130 0.0 76.1 141.3#



#40

1,2-Dichloropropane

Concen: 3.012 ug/L

RT: 9.13 min Scan# 1212

Delta R.T. -0.09 min

Lab File: VY003598.D

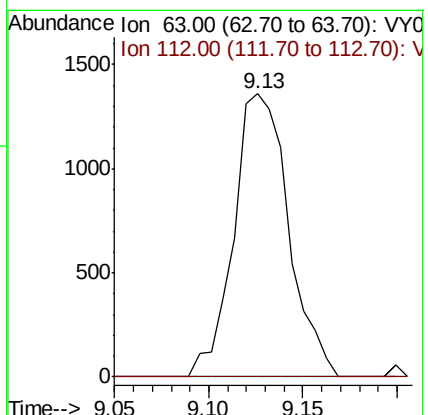
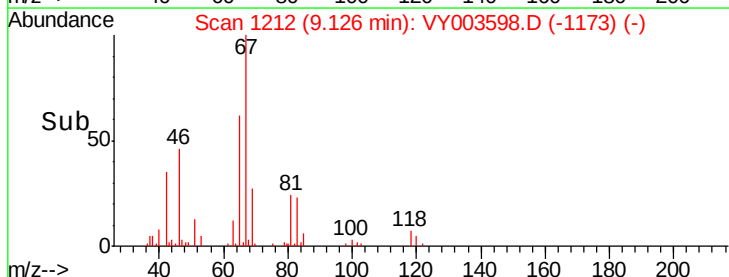
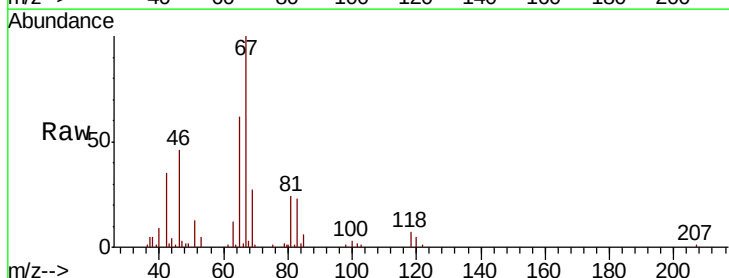
Acq: 24 Nov 2020 12:43

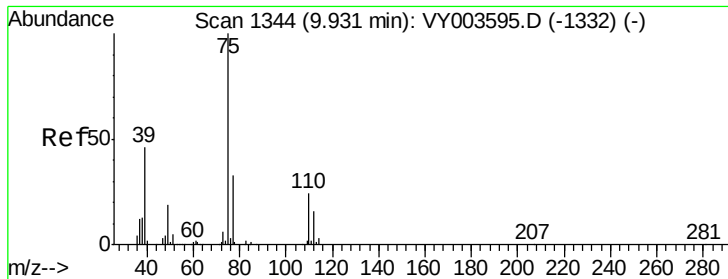
Tgt Ion: 63 Resp: 2745

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



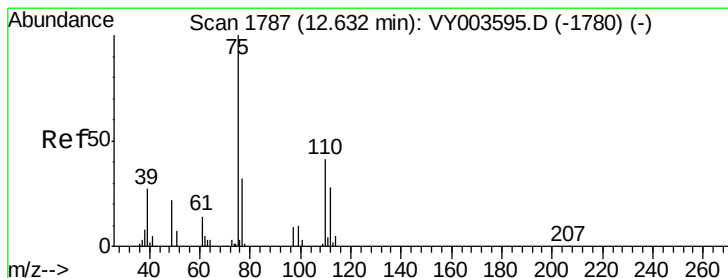
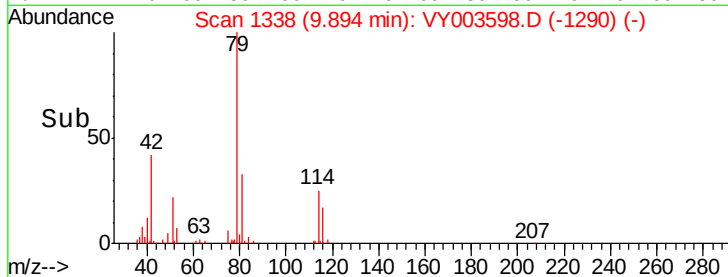
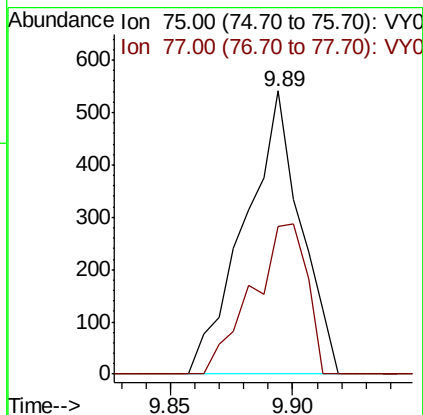
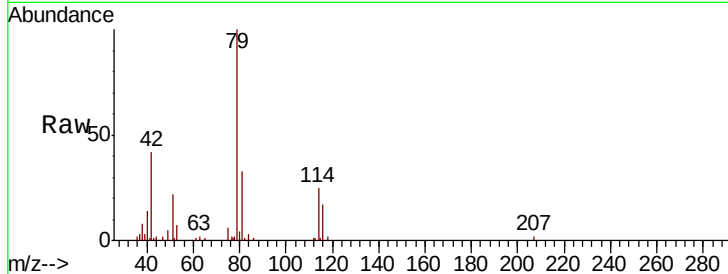


#42

cis-1,3-Dichloropropene
Concen: 0.598 ug/L
RT: 9.89 min Scan# 1338
Delta R.T. -0.04 min
Lab File: VY003598.D
Acq: 24 Nov 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 859
Ion Ratio Lower Upper
75 100
77 52.3 23.2 43.0#



#59

1,2,3-Trichloropropane
Concen: 4.009 ug/L
RT: 13.42 min Scan# 1916
Delta R.T. 0.79 min
Lab File: VY003598.D
Acq: 24 Nov 2020 12:43

Tgt Ion: 75 Resp: 2681
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2

