

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003597.D
 Acq On : 24 Nov 2020 12:22
 Operator : SY/MD
 Sample : L4860-02
 Misc : 5.36G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:03:06 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	8.69	114	117602	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	101441	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	38853	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	44978	34.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.80%
7) Chloroethane-d5	2.77	69	35101	29.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.76%
10) 1,1-Dichloroethene-d2	3.86	63	70690	22.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.24%
20) 2-Butanone-d5	6.91	46	20288	31.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.08%
24) Chloroform-d	7.49	84	82027	27.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.76%
26) 1,2-Dichloroethane-d4	8.15	65	42432	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.11	84	172184	29.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.52%
33) 1,2-Dichloropropane-d6	9.13	67	49674	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.68%
37) Toluene-d8	10.18	98	142371	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.56%
38) trans-1,3-Dichloropropene-	10.44	79	21036	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.32%
39) 2-Hexanone-d5	10.79	63	12734	28.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.52%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	28856	19.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.44%
61) 1,2-Dichlorobenzene-d4	13.72	152	34694	27.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.64%

Target Compounds

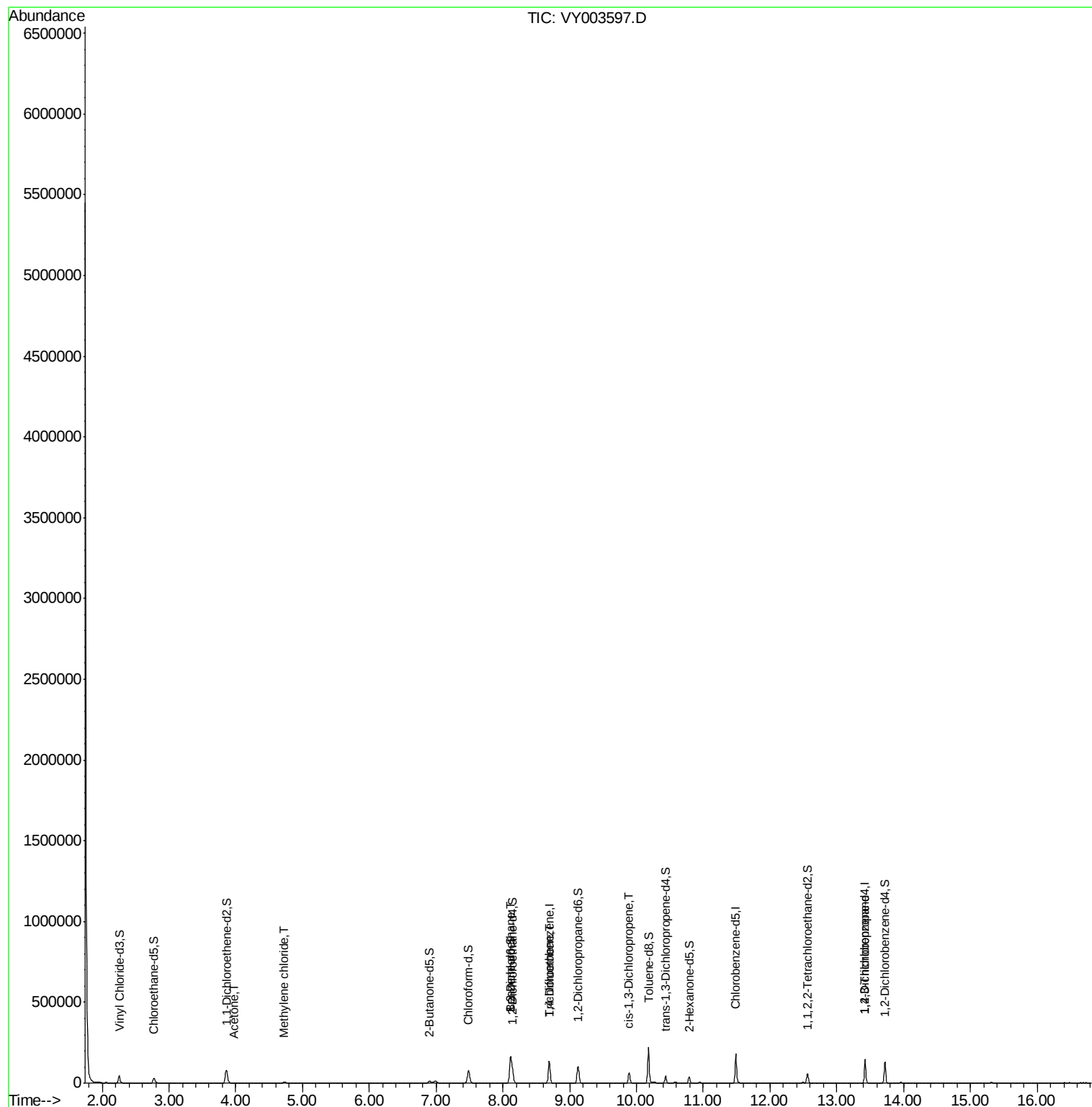
					Ovalue
13) Acetone	3.97	43	529	1.127 ug/L	50
16) Methylene chloride	4.72	84	4080	2.024 ug/L	80
27) 1,2-Dichloroethane	8.12	62	1097	0.563 ug/L #	74
35) Trichloroethene	8.69	95	3310	2.043 ug/L #	3
42) cis-1,3-Dichloropropene	9.89	75	1606	0.646 ug/L	85
59) 1,2,3-Trichloropropane	13.42	75	5117	4.420 ug/L	100

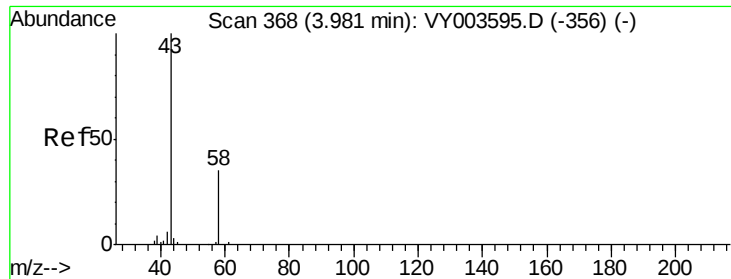
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.127 ug/L

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY003597.D

Acq: 24 Nov 2020 12:22

Instrument :

MSVOA_Y

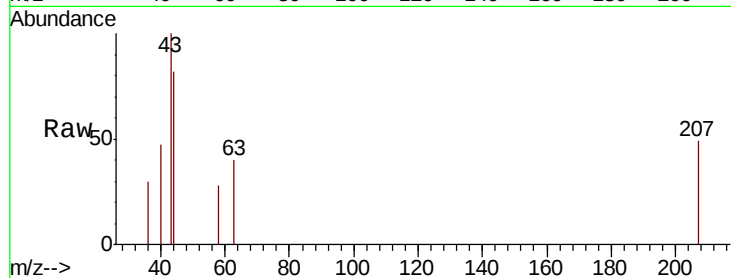
ClientSampled :

Tot Ion: 43 Resp: 529

Ion Ratio Lower Upper

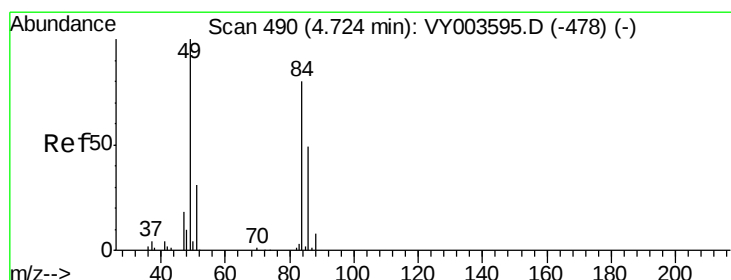
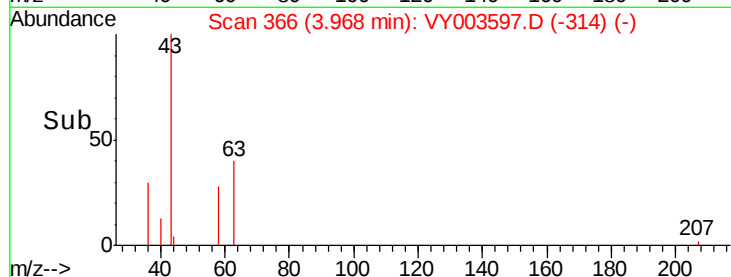
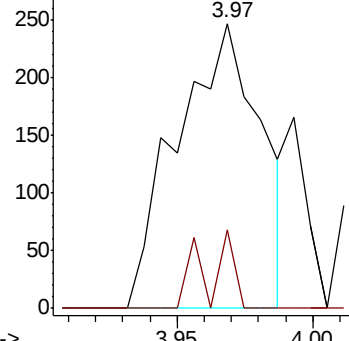
43 100

58 4.7 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#16

Methylene chloride

Concen: 2.024 ug/L

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003597.D

Acq: 24 Nov 2020 12:22

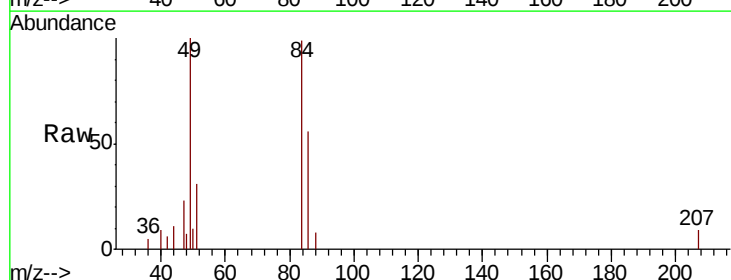
Tgt Ion: 84 Resp: 4080

Ion Ratio Lower Upper

84 100

49 100.7 90.3 167.7

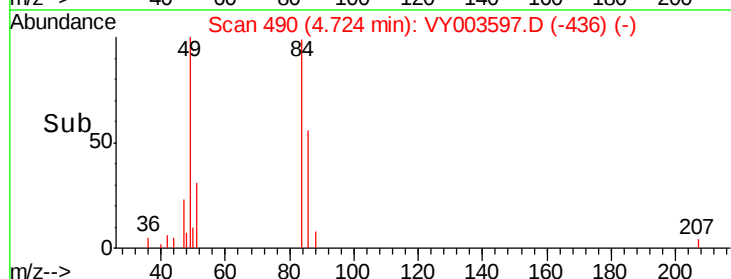
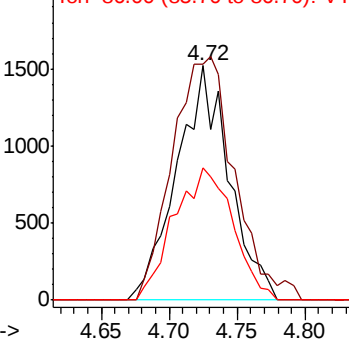
86 56.2 44.7 83.1

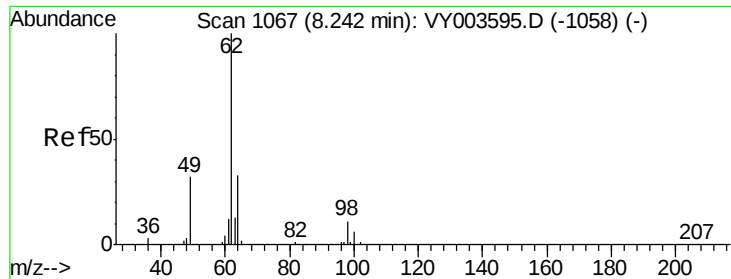


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

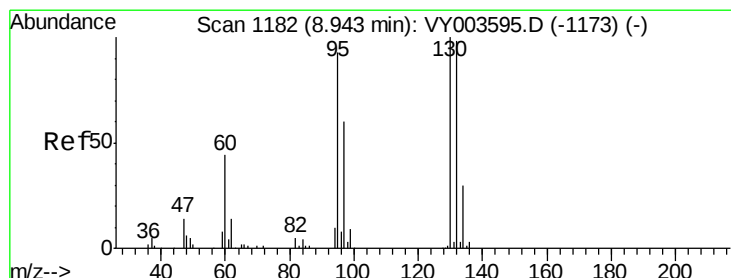
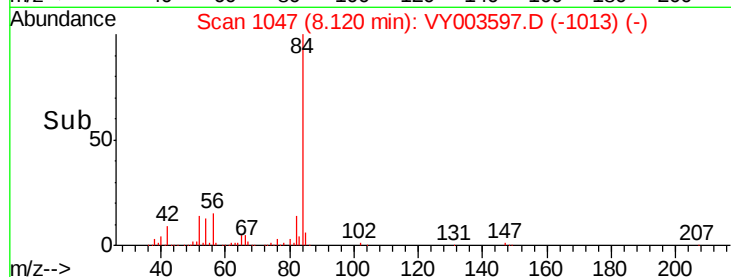
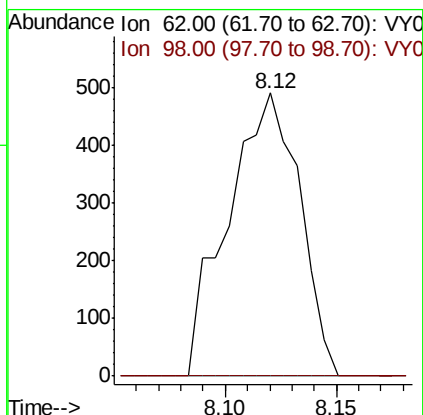
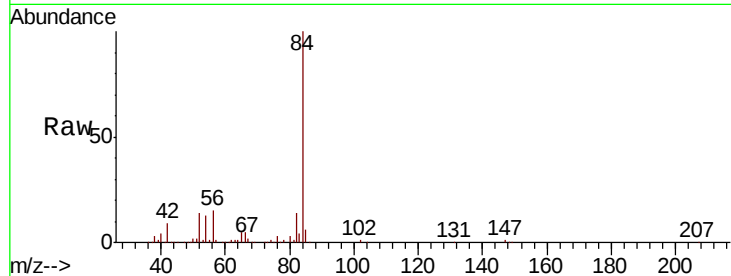




#27
 1,2-Dichloroethane
 Concen: 0.563 ug/L
 RT: 8.12 min Scan# 1047
 Delta R.T. -0.12 min
 Lab File: VY003597.D
 Acq: 24 Nov 2020 12:22

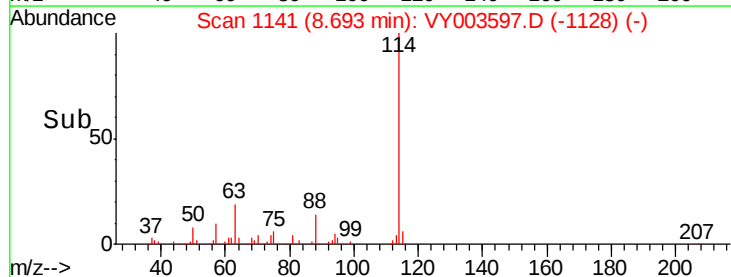
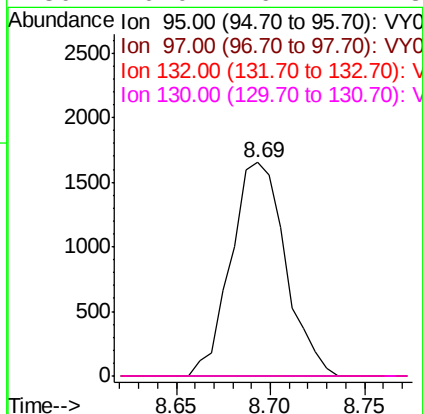
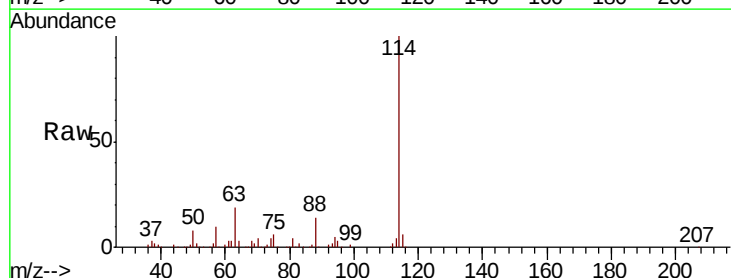
Instrument :
 MSVOA_Y
 ClientSampled :

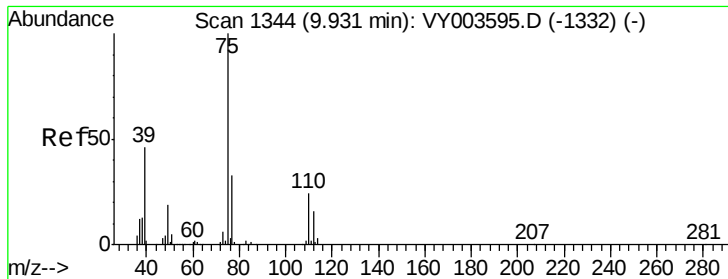
Tot Ion: 62 Resp: 1097
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



#35
 Trichloroethene
 Concen: 2.043 ug/L
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.25 min
 Lab File: VY003597.D
 Acq: 24 Nov 2020 12:22

Tgt Ion: 95 Resp: 3310
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.5 82.7#
 132 1.2 73.1 135.7#
 130 0.0 76.1 141.3#



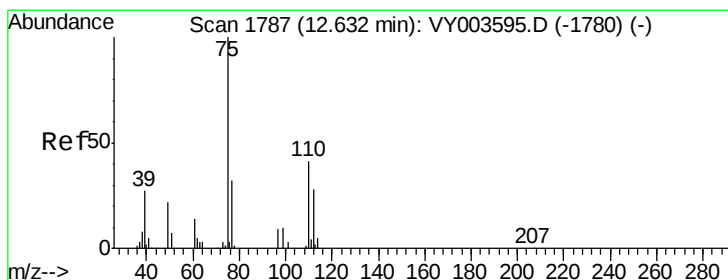
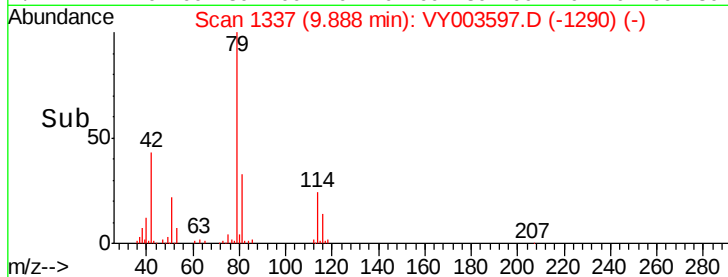
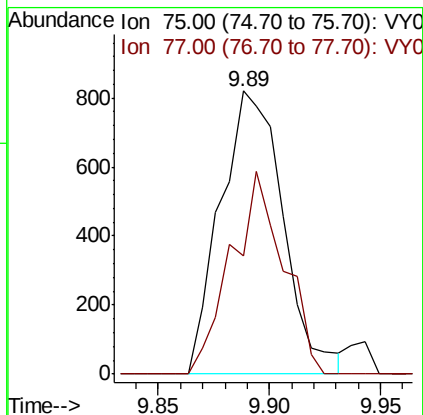
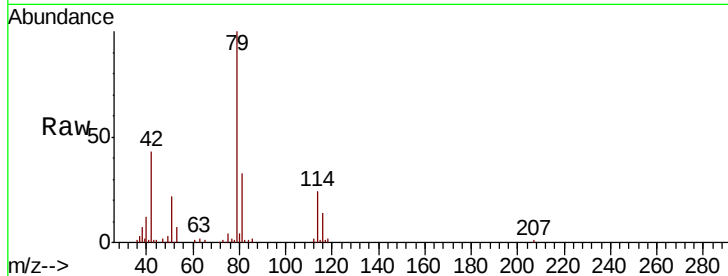


#42

cis-1,3-Dichloropropene
 Concen: 0.646 ug/L
 RT: 9.89 min Scan# 1337
 Delta R.T. -0.04 min
 Lab File: VY003597.D
 Acq: 24 Nov 2020 12:22

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 1606
 Ion Ratio Lower Upper
 75 100
 77 41.7 23.2 43.0



#59

1,2,3-Trichloropropane
 Concen: 4.420 ug/L
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.79 min
 Lab File: VY003597.D
 Acq: 24 Nov 2020 12:22

Tgt Ion: 75 Resp: 5117
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.2 39.2

