

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003608.D
 Acq On : 24 Nov 2020 16:19
 Operator : SY/MD
 Sample : L4860-02RE
 Misc : 5.15G/10ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:04:18 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	180563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	152675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	54819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	60176	30.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.96%
7) Chloroethane-d5	2.77	69	47637	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.20%
10) 1,1-Dichloroethene-d2	3.85	63	97009	19.72	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.88%
20) 2-Butanone-d5	6.90	46	25590	25.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.00%
24) Chloroform-d	7.49	84	122106	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.15	65	61114	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.11	84	253411	28.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.96%
33) 1,2-Dichloropropane-d6	9.13	67	74569	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	10.18	98	216834	27.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.84%
38) trans-1,3-Dichloropropene-	10.44	79	28180	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	10.79	63	17174	25.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.64%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	39454	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.44%
61) 1,2-Dichlorobenzene-d4	13.72	152	46237	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds

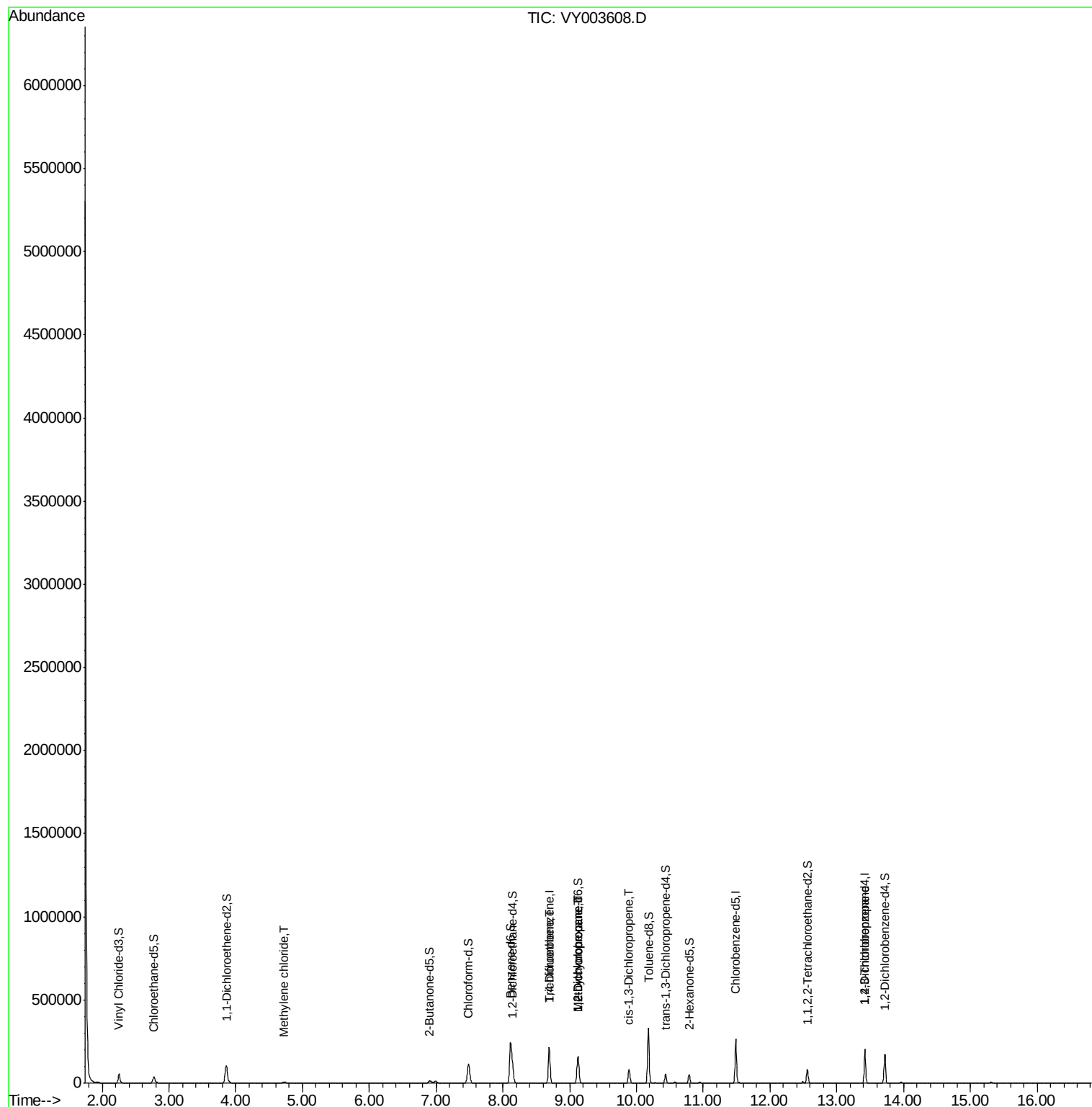
					Ovalue
16) Methylene chloride	4.72	84	4012	1.296 ug/L	97
35) Trichloroethene	8.69	95	5119	2.099 ug/L #	2
36) Methylcyclohexane	9.13	83	17656	4.631 ug/L #	19
40) 1,2-Dichloropropane	9.13	63	8102	3.412 ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	2046	0.546 ug/L #	52
59) 1,2,3-Trichloropropane	13.42	75	6897	3.959 ug/L	99

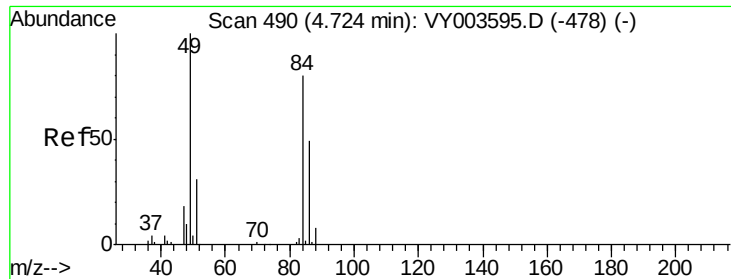
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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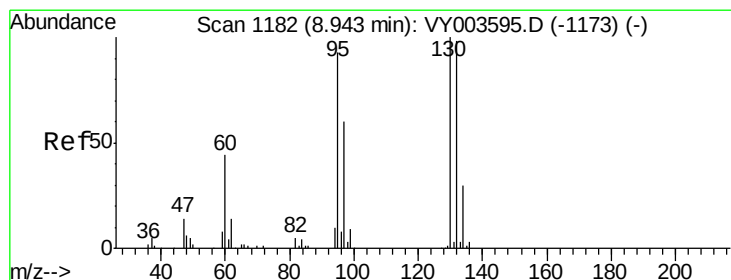
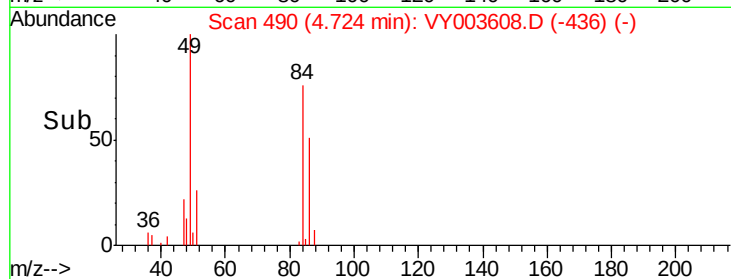
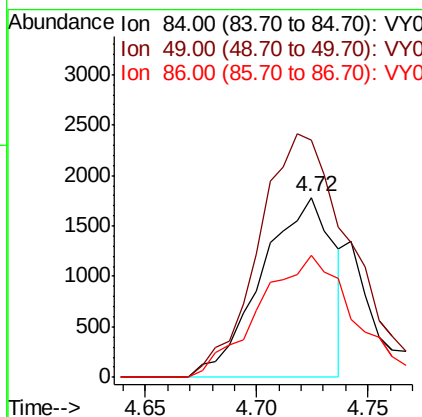
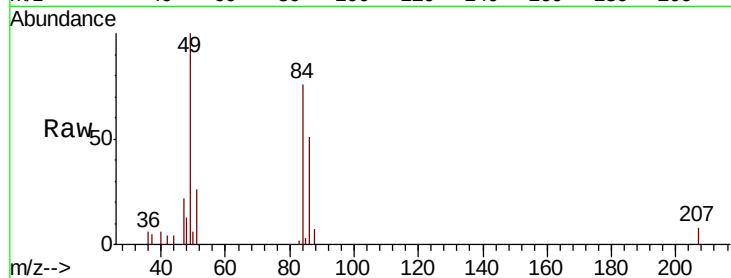




#16
Methylene chloride
Concen: 1.296 ug/L
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003608.D
Acq: 24 Nov 2020 16:19

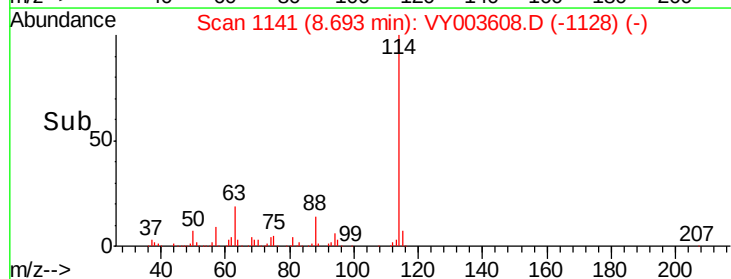
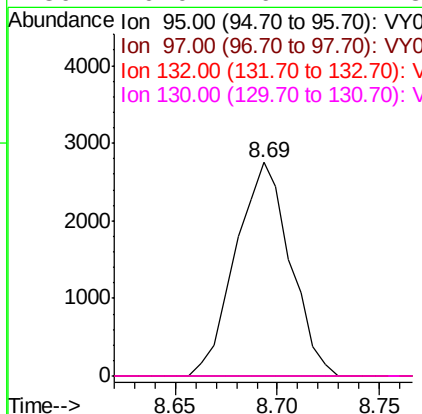
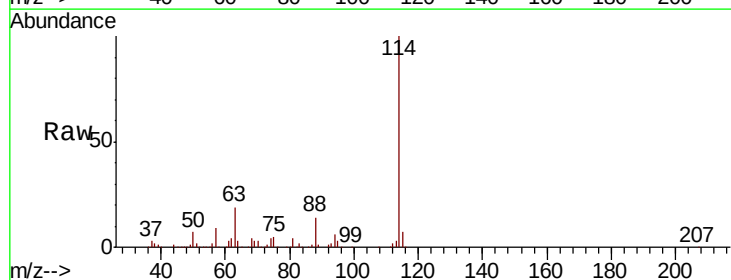
Instrument :
MSVOA_Y
ClientSampleId :

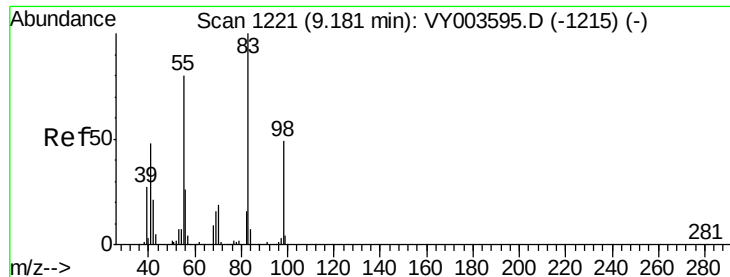
Tot Ion: 84 Resp: 4012
Ion Ratio Lower Upper
84 100
49 131.9 90.3 167.7
86 67.9 44.7 83.1



#35
Trichloroethene
Concen: 2.099 ug/L
RT: 8.69 min Scan# 1141
Delta R.T. -0.25 min
Lab File: VY003608.D
Acq: 24 Nov 2020 16:19

Tgt Ion: 95 Resp: 5119
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#

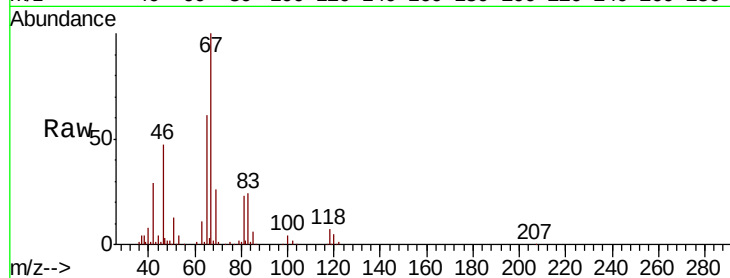




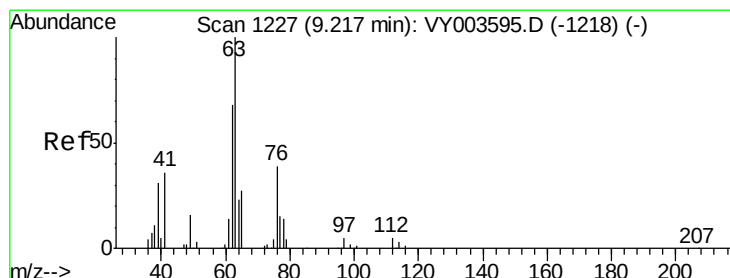
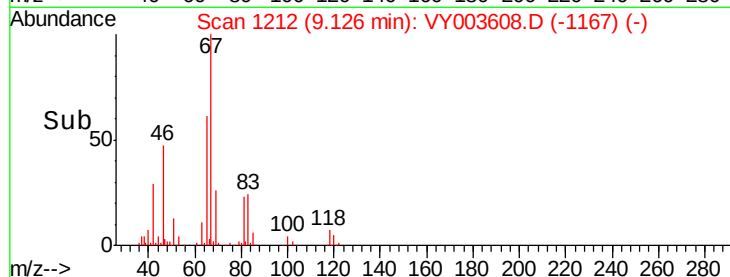
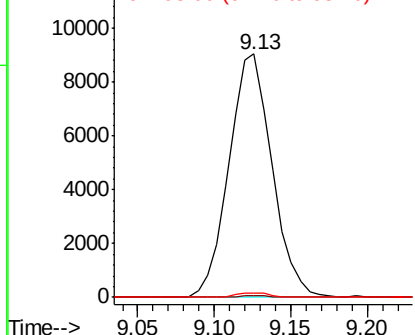
#36
Methylcyclohexane
Concen: 4.631 ug/L
RT: 9.13 min Scan# 1212
Delta R.T. -0.05 min
Lab File: VY003608.D
Acq: 24 Nov 2020 16:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	83	Resp	17656
Ion Ratio	Lower	Upper	
83	100		
55	0.4	60.8	91.2#
98	1.4	40.6	61.0#

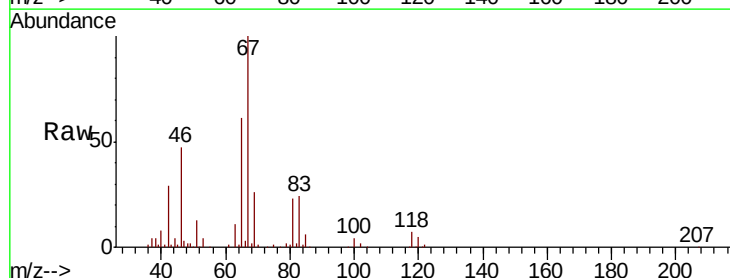


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

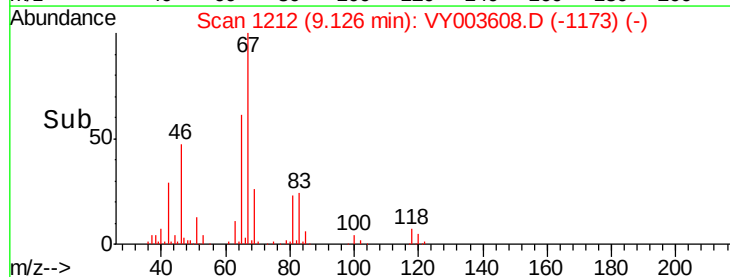
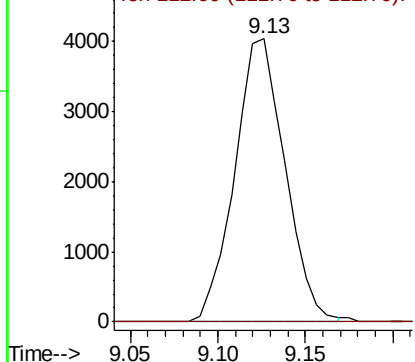


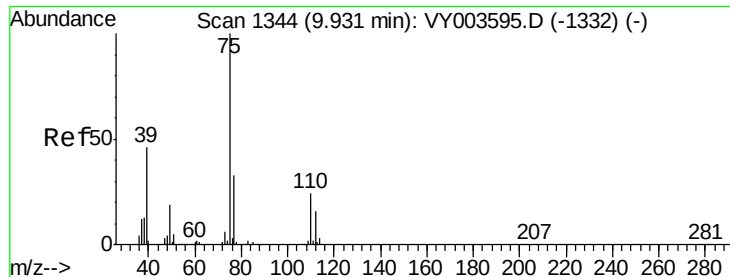
#40
1,2-Dichloropropane
Concen: 3.412 ug/L
RT: 9.13 min Scan# 1212
Delta R.T. -0.09 min
Lab File: VY003608.D
Acq: 24 Nov 2020 16:19

Tgt Ion	63	Resp	8102
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.5	5.3#



Abundance Ion 63.00 (62.70 to 63.70): VY0
Ion 112.00 (111.70 to 112.70): V



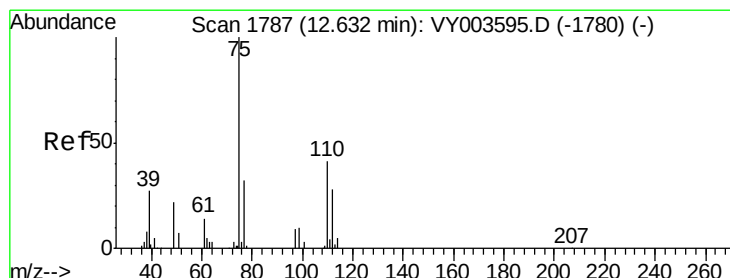
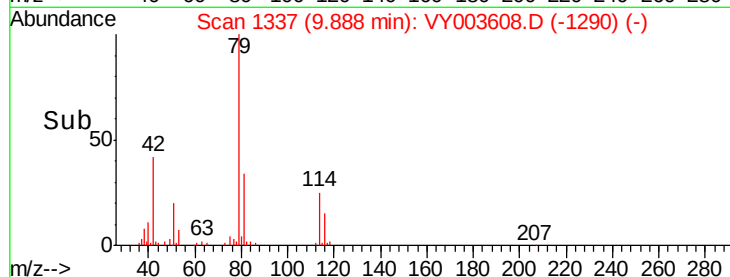
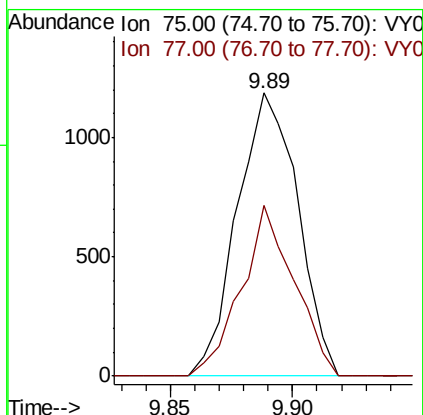
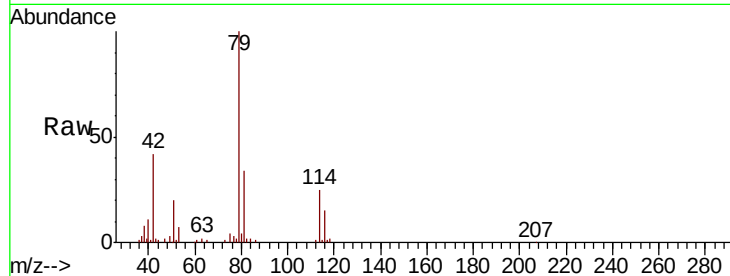


#42

cis-1,3-Dichloropropene
Concen: 0.546 ug/L
RT: 9.89 min Scan# 1337
Delta R.T. -0.04 min
Lab File: VY003608.D
Acq: 24 Nov 2020 16:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 75 Resp: 2046
Ion Ratio Lower Upper
75 100
77 60.1 23.2 43.0#



#59

1,2,3-Trichloropropane
Concen: 3.959 ug/L
RT: 13.42 min Scan# 1917
Delta R.T. 0.79 min
Lab File: VY003608.D
Acq: 24 Nov 2020 16:19

Tgt Ion: 75 Resp: 6897
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2

