

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003600.D
 Acq On : 24 Nov 2020 13:26
 Operator : SY/MD
 Sample : L4860-06
 Misc : 4.87G/10ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:03:24 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	185808	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	171109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	74446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58183	28.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.64%
7) Chloroethane-d5	2.77	69	47249	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.48%
10) 1,1-Dichloroethene-d2	3.86	63	97839	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	6.90	46	33304	32.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.50%
24) Chloroform-d	7.49	84	123290	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	8.14	65	65314	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.11	84	257405	25.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.28%
33) 1,2-Dichloropropane-d6	9.13	67	77496	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.04%
37) Toluene-d8	10.18	98	230804	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.36%
38) trans-1,3-Dichloropropene-	10.44	79	34245	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	10.79	63	24720	32.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.04%
48) 1,1,1,2,2-Tetrachloroethane-	12.56	84	48431	19.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.08%
61) 1,2-Dichlorobenzene-d4	13.72	152	63936	26.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.44%

Target Compounds

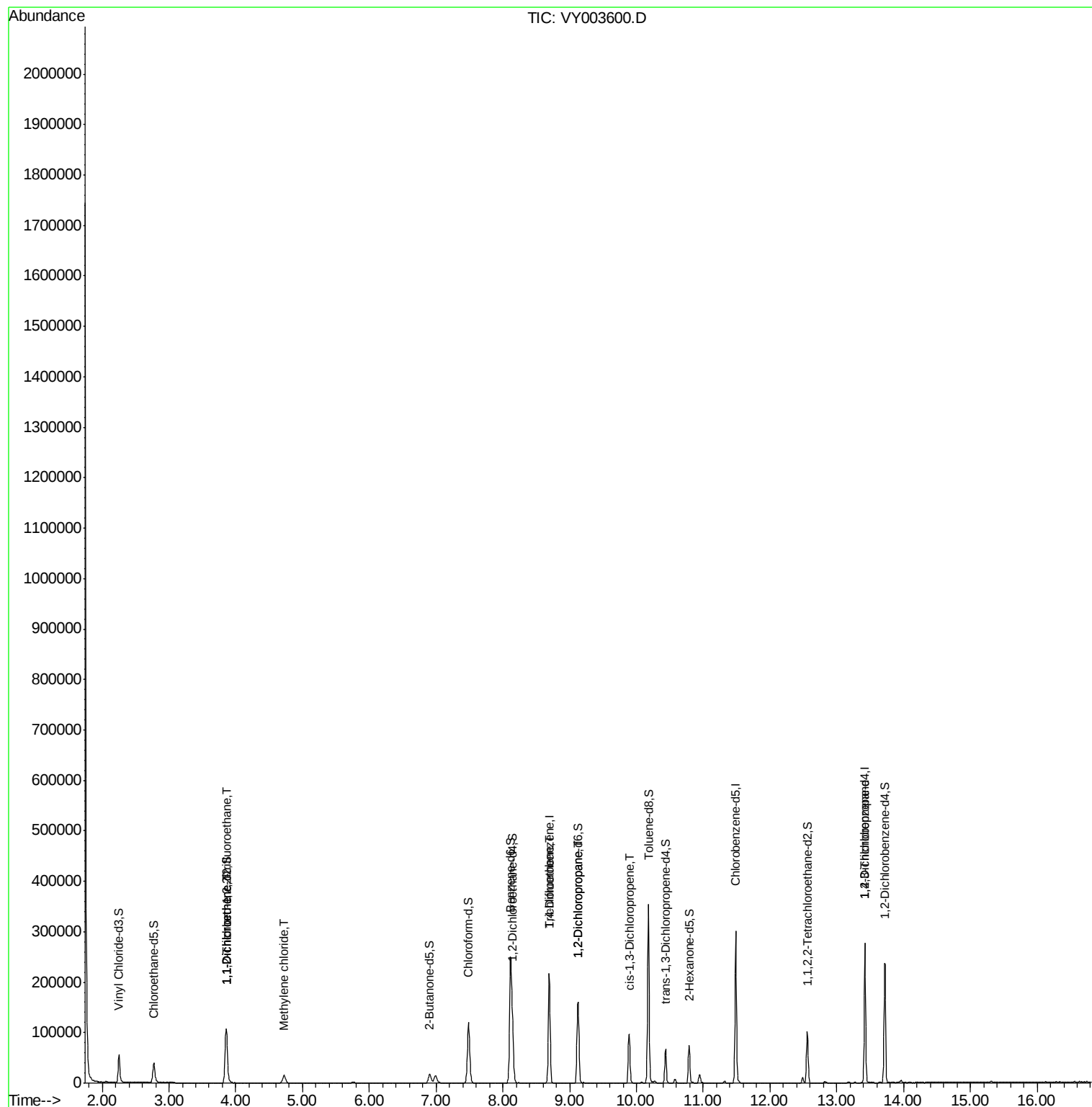
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	1041	0.423 ug/L #	17
12) 1,1-Dichloroethene	3.86	96	1132	0.440 ug/L #	1
16) Methylene chloride	4.72	84	10868	3.412 ug/L	98
35) Trichloroethene	8.69	95	5053	1.849 ug/L #	2
40) 1,2-Dichloropropane	9.12	63	8351	3.138 ug/L #	87
42) cis-1,3-Dichloropropene	9.90	75	784	0.187 ug/L	91
59) 1,2,3-Trichloropropane	13.42	75	9407	4.817 ug/L	97

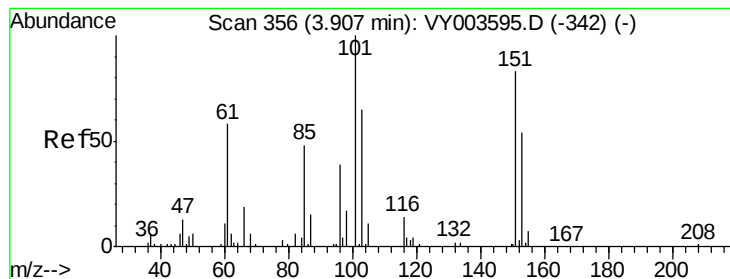
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 25 06:01:46 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.423 ug/L

RT: 3.86 min Scan# 348

Delta R.T. -0.05 min

Lab File: VY003600.D

Acq: 24 Nov 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

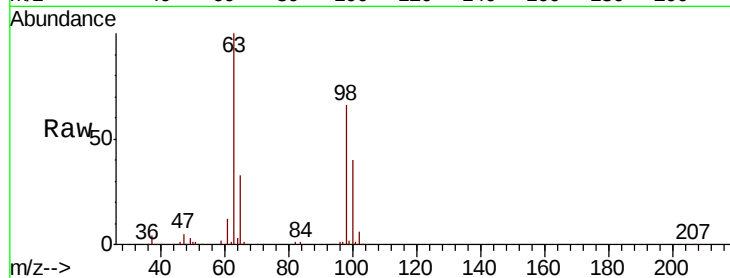
Tot Ion:101 Resp: 1041

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

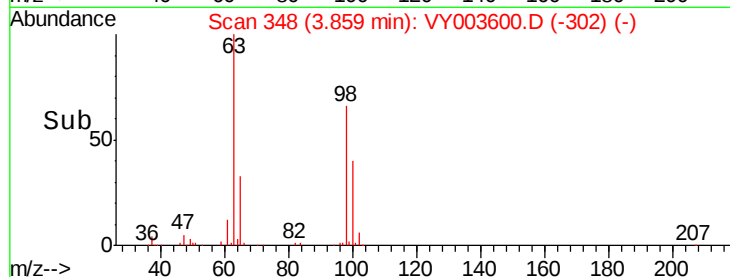
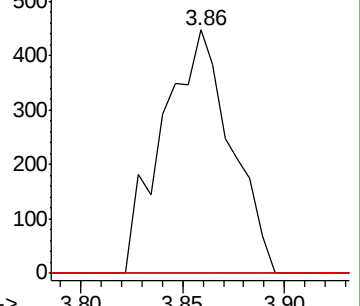
151 0.0 65.4 98.0#



Abundance Ion 101.00 (100.70 to 101.70): VY003595.D (-342) (-)

Ion 85.00 (84.70 to 85.70): VY003595.D (-342) (-)

Ion 151.00 (150.70 to 151.70): VY003595.D (-342) (-)



#12

1,1-Dichloroethene

Concen: 0.440 ug/L

RT: 3.86 min Scan# 349

Delta R.T. -0.01 min

Lab File: VY003600.D

Acq: 24 Nov 2020 13:26

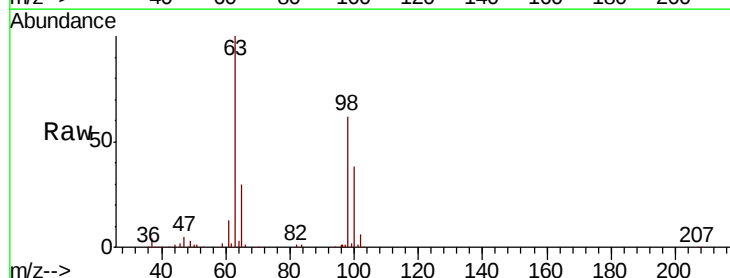
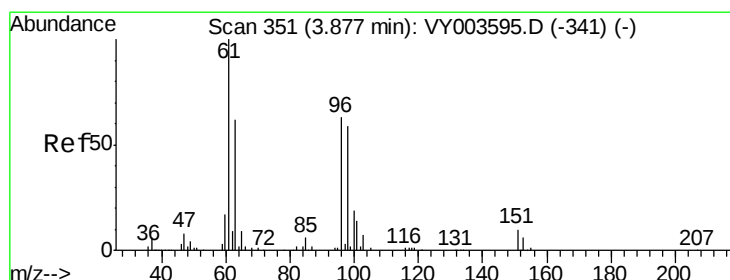
Tgt Ion: 96 Resp: 1132

Ion Ratio Lower Upper

96 100

61 815.5 116.6 216.6#

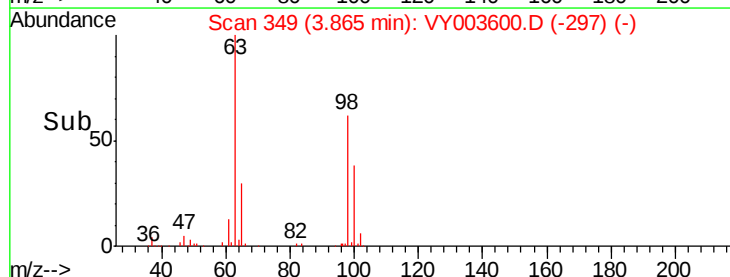
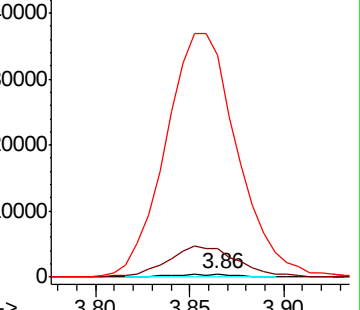
63 6449.1 77.5 143.9#

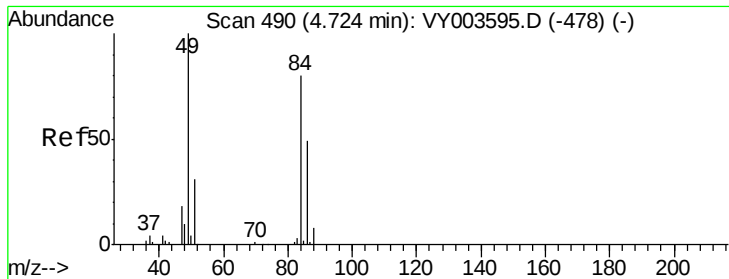


Abundance Ion 96.00 (95.70 to 96.70): VY003595.D (-341) (-)

Ion 61.00 (60.70 to 61.70): VY003595.D (-341) (-)

Ion 63.00 (62.70 to 63.70): VY003595.D (-341) (-)

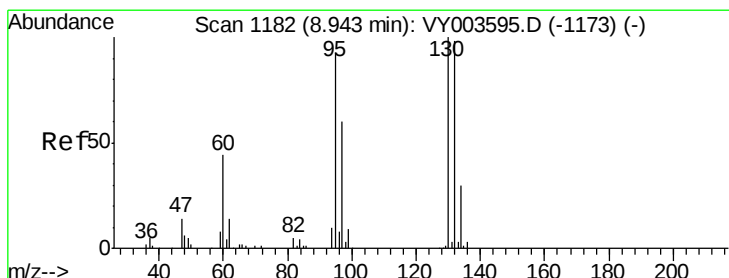
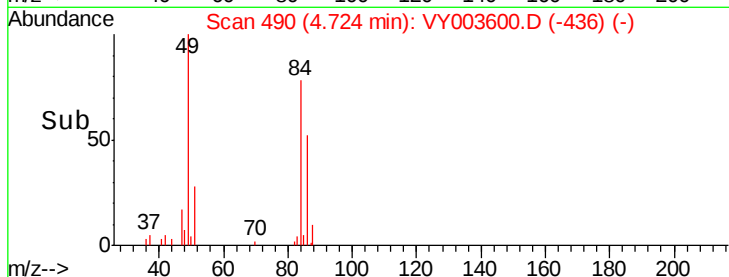
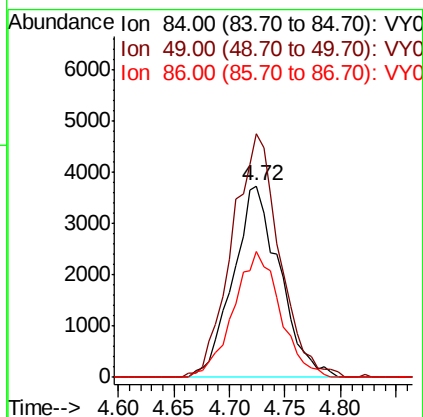
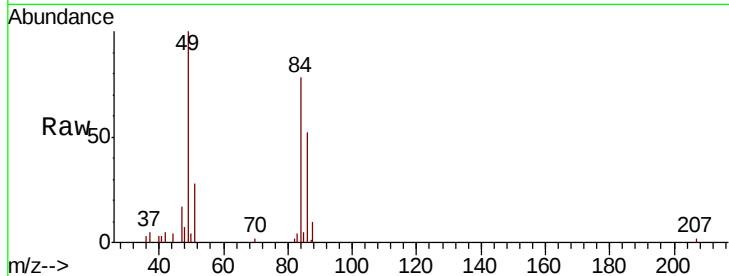




#16
Methvlene chloride
Concen: 3.412 ug/L
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003600.D
Acq: 24 Nov 2020 13:26

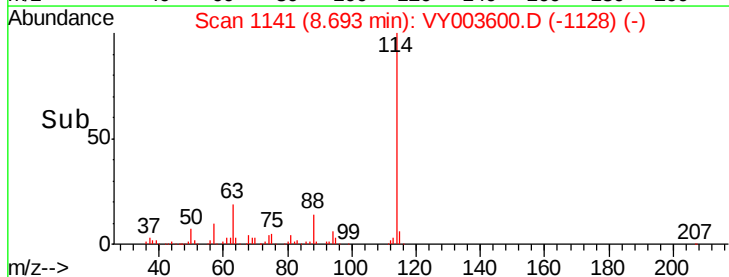
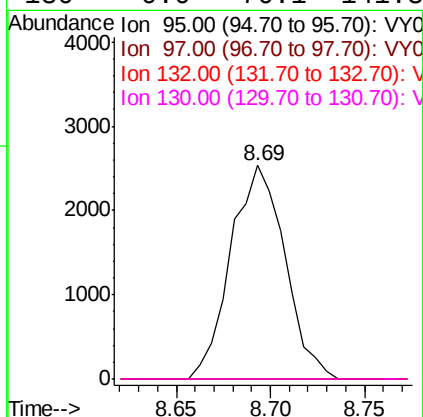
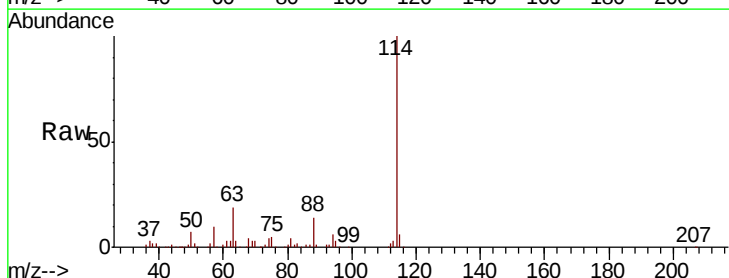
Instrument :
MSVOA_Y
ClientSampleId :

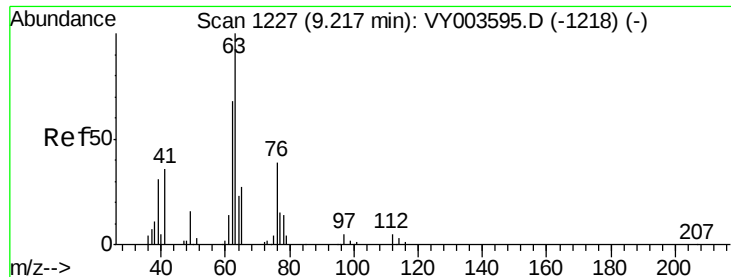
Tot Ion: 84 Resp: 10868
Ion Ratio Lower Upper
84 100
49 127.4 90.3 167.7
86 65.7 44.7 83.1



#35
Trichloroethene
Concen: 1.849 ug/L
RT: 8.69 min Scan# 1141
Delta R.T. -0.25 min
Lab File: VY003600.D
Acq: 24 Nov 2020 13:26

Tgt Ion: 95 Resp: 5053
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#

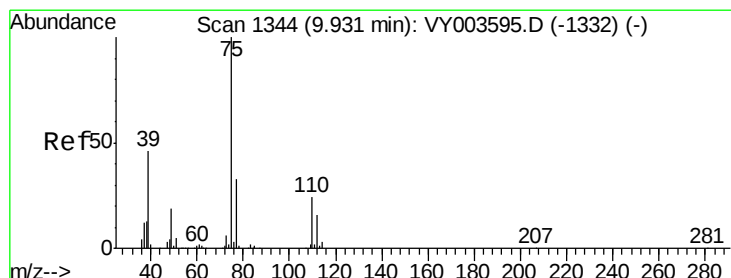
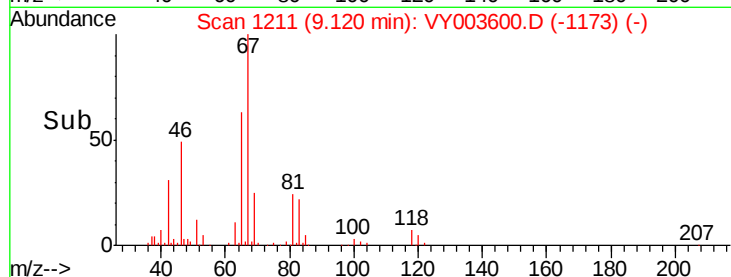
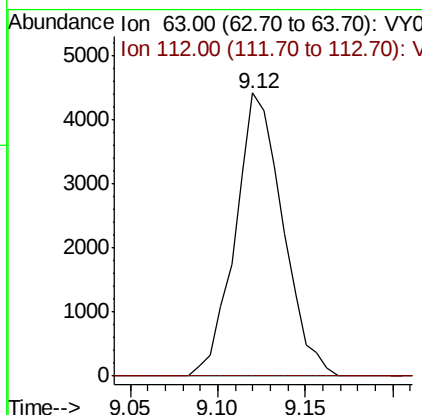
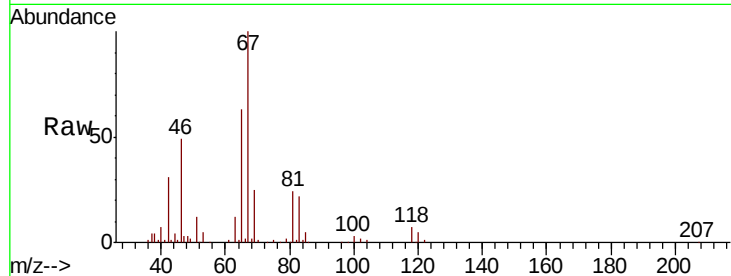




#40
 1,2-Dichloropropane
 Concen: 3.138 ug/L
 RT: 9.12 min Scan# 1211
 Delta R.T. -0.10 min
 Lab File: VY003600.D
 Acq: 24 Nov 2020 13:26

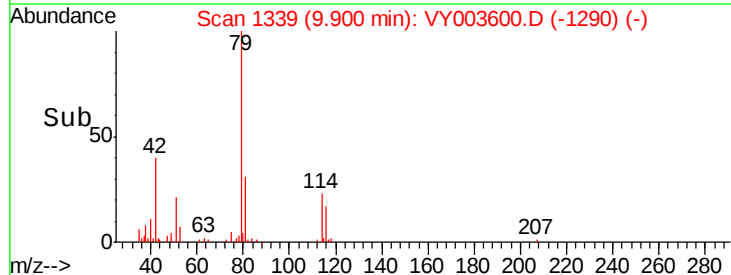
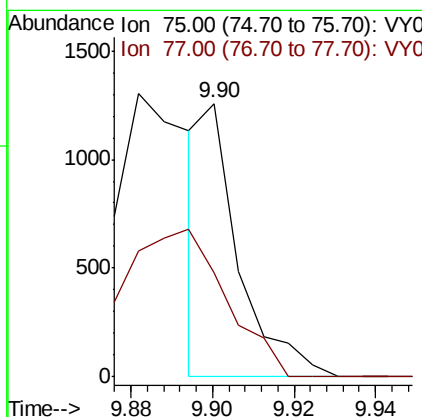
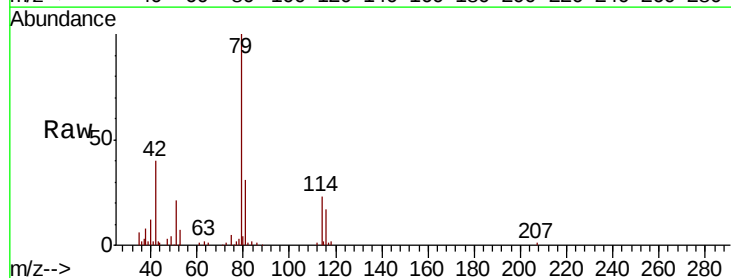
Instrument :
 MSVOA_Y
 ClientSampleId :

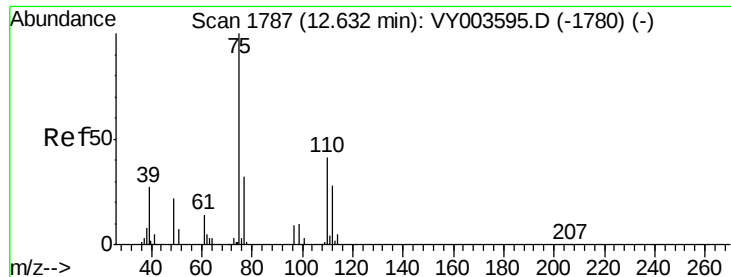
Tot Ion: 63 Resp: 8351
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.187 ug/L
 RT: 9.90 min Scan# 1339
 Delta R.T. -0.03 min
 Lab File: VY003600.D
 Acq: 24 Nov 2020 13:26

Tgt Ion: 75 Resp: 784
 Ion Ratio Lower Upper
 75 100
 77 38.1 23.2 43.0





#59

1,2,3-Trichloropropane

Concen: 4.817 ug/L

RT: 13.42 min Scan# 1916

Delta R.T. 0.79 min

Lab File: VY003600.D

Acq: 24 Nov 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 9407

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

