

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018701.D
 Acq On : 06 Oct 2020 20:24
 Operator : SY/MD
 Sample : L4287-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:24:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275808	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123601	50.00	ug/L	0.00

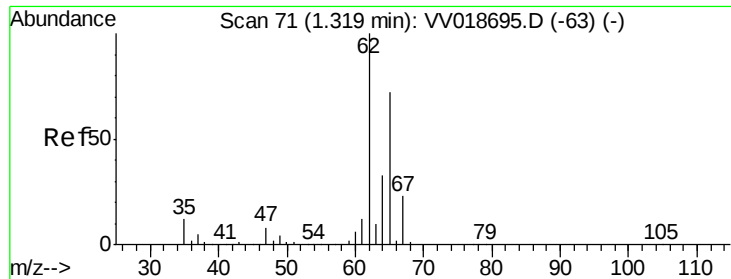
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85228	52.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.38%
7) Chloroethane-d5	1.58	69	74914	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.02%
11) 1,1-Dichloroethene-d2	2.12	63	133509	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.02%
21) 2-Butanone-d5	3.92	46	112860	93.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	4.38	84	161994	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.06	65	116663	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
32) Benzene-d6	5.08	84	323793	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
36) 1,2-Dichloropropane-d6	6.09	67	98264	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.34	98	288356	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%
43) trans-1,3-Dichloropropene-	7.64	79	49923	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.54%
47) 2-Hexanone-d5	8.11	63	57033	71.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106816	38.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	118200	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	9965	4.723	ug/L # 79
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1303	0.726	ug/L # 27
20) cis-1,2-Dichloroethene	3.94	96	34334	16.398	ug/L 95
34) Trichloroethene	5.94	95	16887	7.177	ug/L 97
39) cis-1,3-Dichloropropene	7.01	75	3796	1.164	ug/L 85
46) Tetrachloroethene	8.00	164	70417	36.890	ug/L 94
48) 2-Hexanone	8.16	43	12122	5.790	ug/L # 54
59) 1,2,3-Trichloropropane	11.27	75	15031	5.943	ug/L # 85

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



#5

Vinyl chloride

Concen: 4.723 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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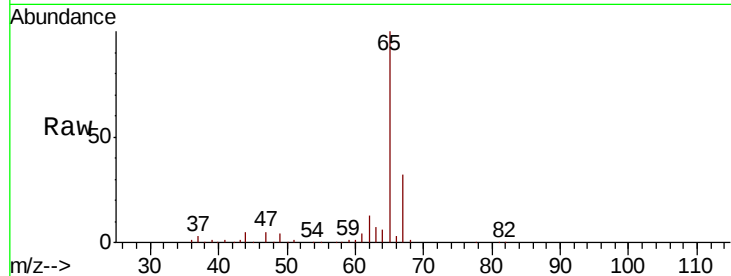
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 9965

Ion Ratio Lower Upper

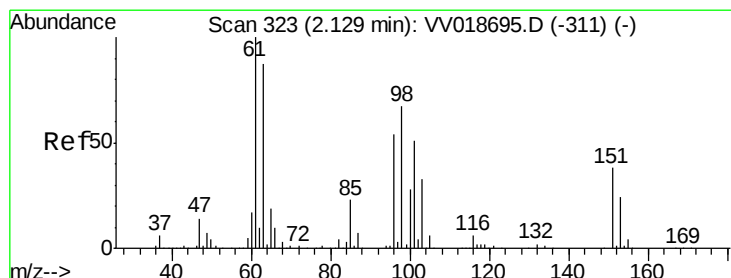
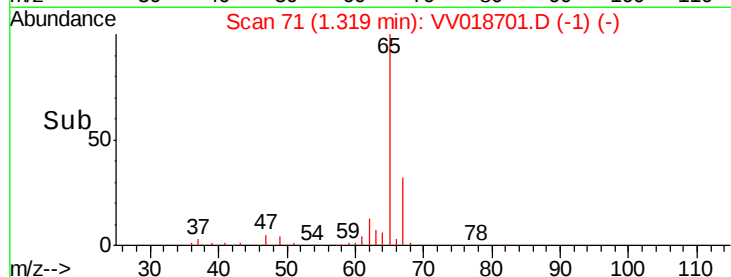
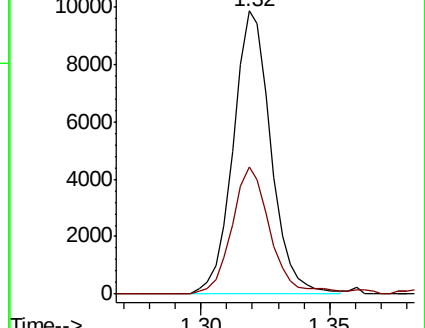
62 100

64 44.8 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV018695.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV018695.D (-63) (-)



#10

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

Concen: 0.726 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018701.D

Acq: 06 Oct 2020 20:24

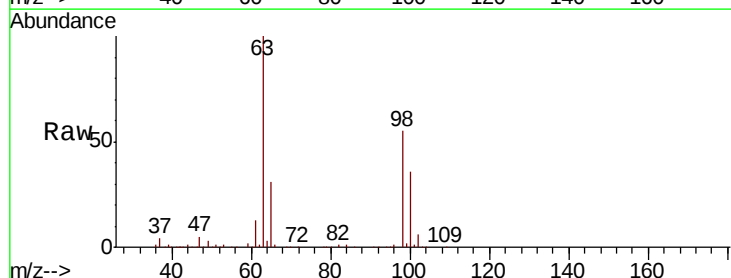
Tgt Ion: 101 Resp: 1303

Ion Ratio Lower Upper

101 100

85 5.7 34.6 52.0#

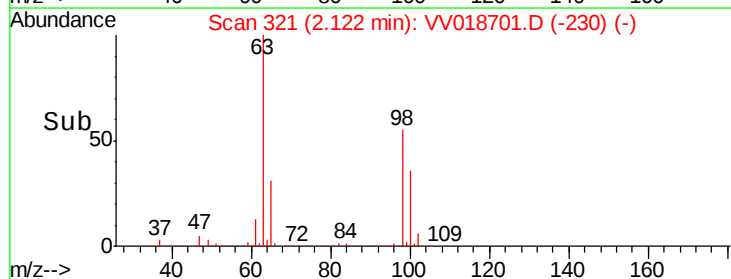
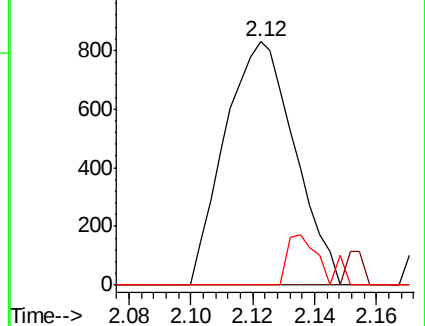
151 8.3 64.3 96.5#

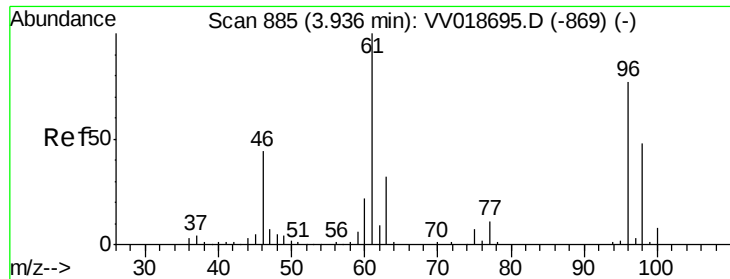


Abundance Ion 101.00 (100.70 to 101.70): VV018695.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018695.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018695.D (-311) (-)

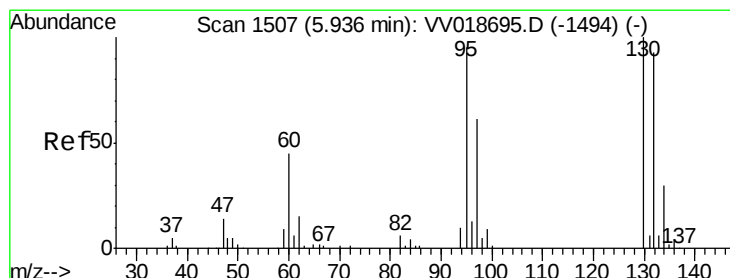
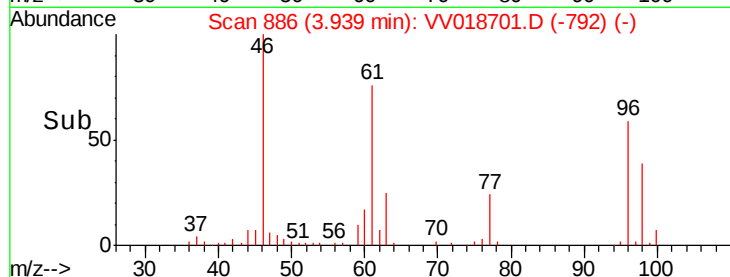
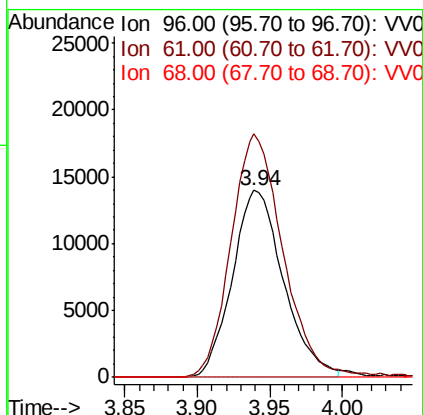
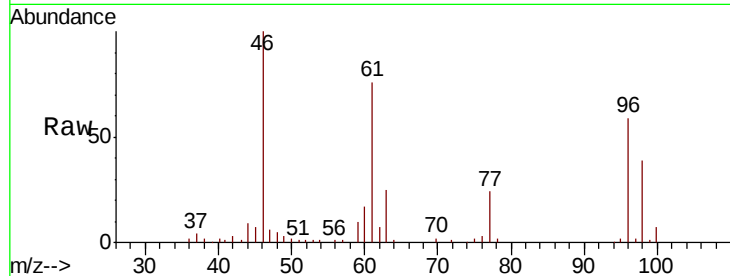




#20
 cis-1,2-Dichloroethene
 Concen: 16.398 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018701.D
 Acq: 06 Oct 2020 20:24

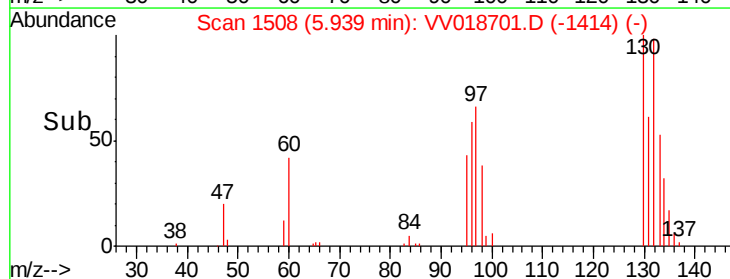
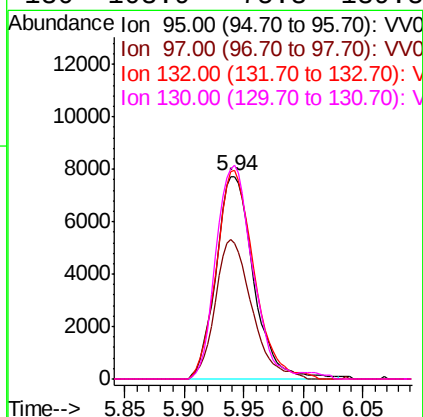
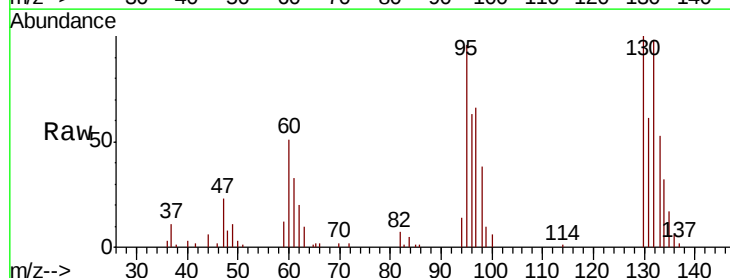
Instrument :
 MSVOA_V
 ClientSampleId :

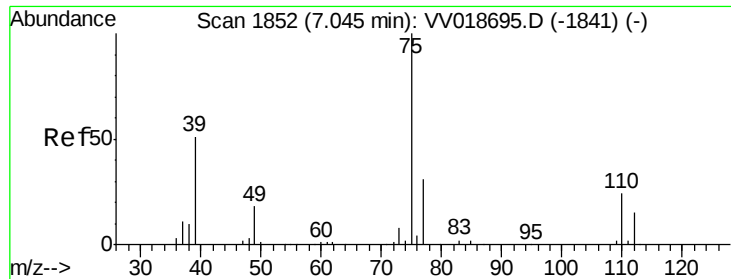
Tot Ion: 96 Resp: 34334
 Ion Ratio Lower Upper
 96 100
 61 130.1 86.8 161.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 7.177 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018701.D
 Acq: 06 Oct 2020 20:24

Tgt Ion: 95 Resp: 16887
 Ion Ratio Lower Upper
 95 100
 97 68.7 45.9 85.3
 132 102.2 70.8 131.4
 130 103.9 75.3 139.8

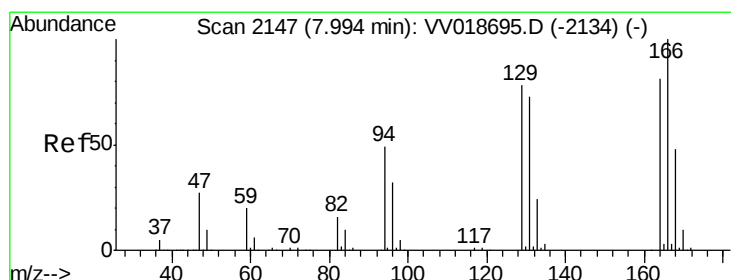
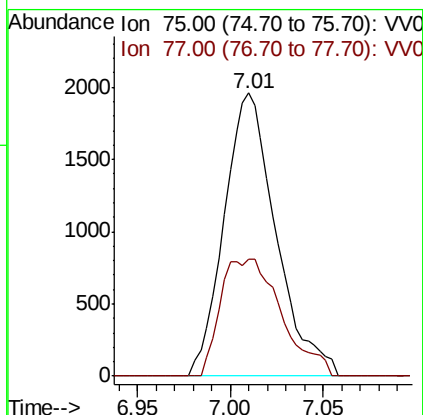
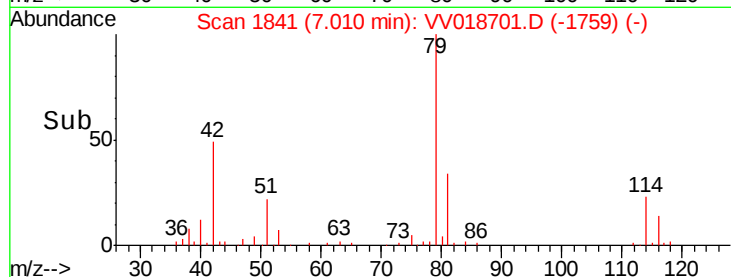
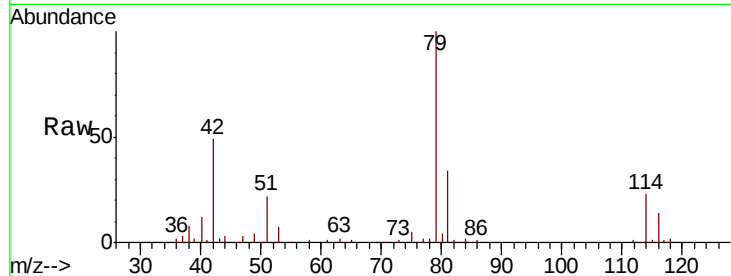




#39
 cis-1,3-Dichloropropene
 Concen: 1.164 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018701.D
 Acq: 06 Oct 2020 20:24

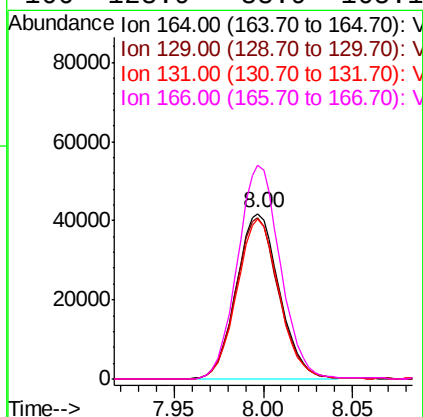
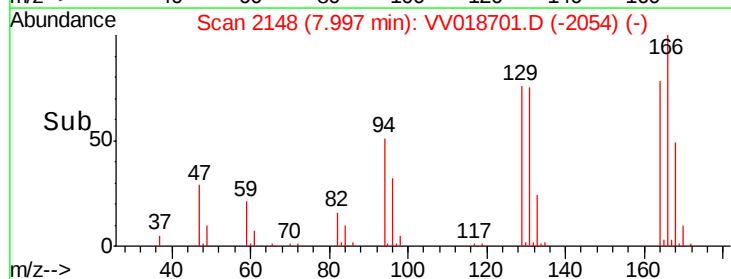
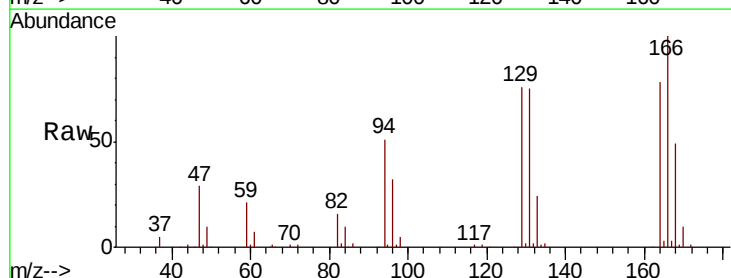
Instrument :
 MSVOA_V
 ClientSampleId :

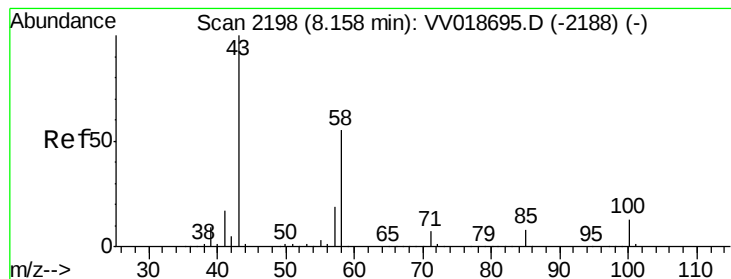
Tot Ion: 75 Resp: 3796
 Ion Ratio Lower Upper
 75 100
 77 41.5 23.0 42.6



#46
 Tetrachloroethene
 Concen: 36.890 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018701.D
 Acq: 06 Oct 2020 20:24

Tgt Ion:164 Resp: 70417
 Ion Ratio Lower Upper
 164 100
 129 97.6 62.8 116.6
 131 96.5 60.8 112.8
 166 128.9 88.9 165.1





#48

2-Hexanone

Concen: 5.790 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018701.D

Acq: 06 Oct 2020 20:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 12122

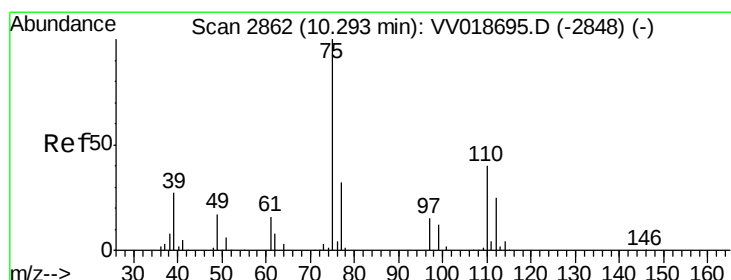
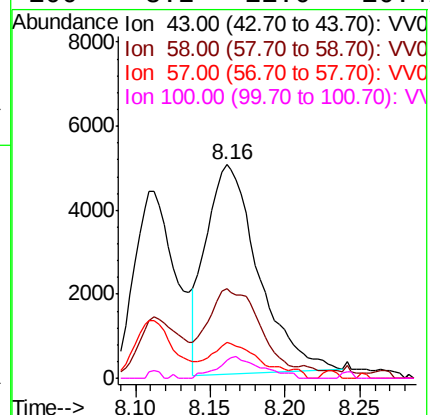
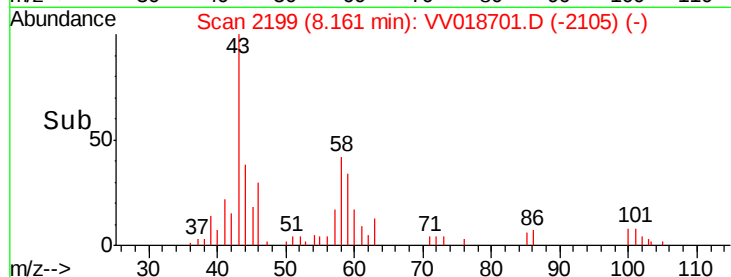
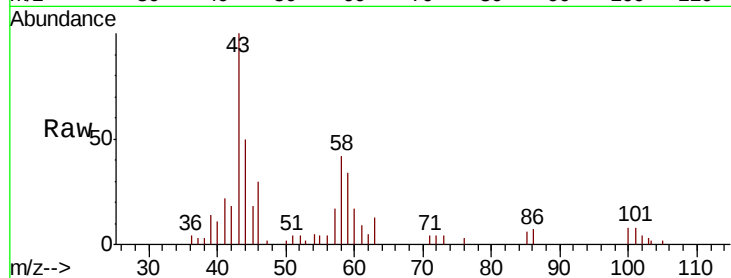
Ion Ratio Lower Upper

43 100

58 11.6 45.1 67.7#

57 9.2 15.7 23.5#

100 8.2 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 5.943 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018701.D

Acq: 06 Oct 2020 20:24

Tgt Ion: 75 Resp: 15031

Ion Ratio Lower Upper

75 100

77 39.8 25.4 38.0#

