

Data File : VU036938.D
Acq On : 27 Feb 2020 13:09
Operator : JC/MD
Sample : L1686-04 20X
Misc : 9.49g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW03

Quant Time: Feb 27 22:03:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80365	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.42%
7) Chloroethane-d5	1.93	69	76110	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.02%
11) 1,1-Dichloroethene-d2	2.59	63	108559	29.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.22%#
21) 2-Butanone-d5	4.67	46	143102	97.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.44%
24) Chloroform-d	5.11	84	143689	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	5.74	65	103903	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
32) Benzene-d6	5.76	84	321125	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
36) 1,2-Dichloropropane-d6	6.72	67	107224	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.64%
41) Toluene-d8	7.92	98	288955	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	8.20	79	45781	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
47) 2-Hexanone-d5	8.66	63	106976	93.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.49%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152362	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	12.21	152	88678	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

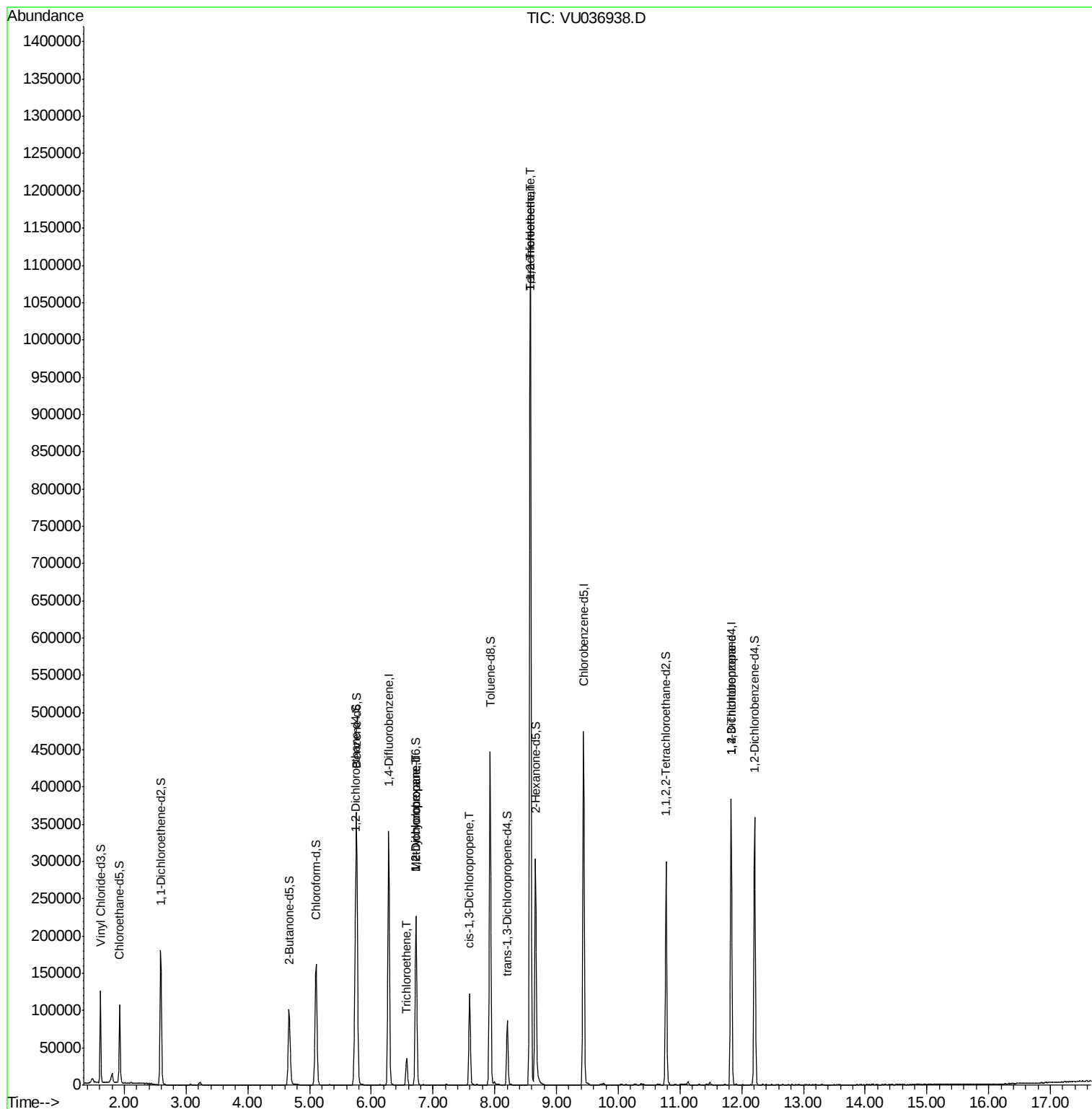
					Qvalue
34) Trichloroethene	6.57	95	12043	6.209 ug/L	97
35) Methylcyclohexane	6.73	83	23725	7.055 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11688	5.501 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2980	0.910 ug/L #	67
45) 1,1,2-Trichloroethane	8.57	97	2376	1.258 ug/L #	1
46) Tetrachloroethene	8.57	164	240737	188.416 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	14007	5.125 ug/L	93

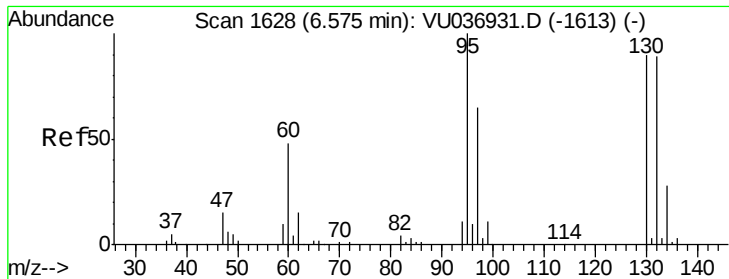
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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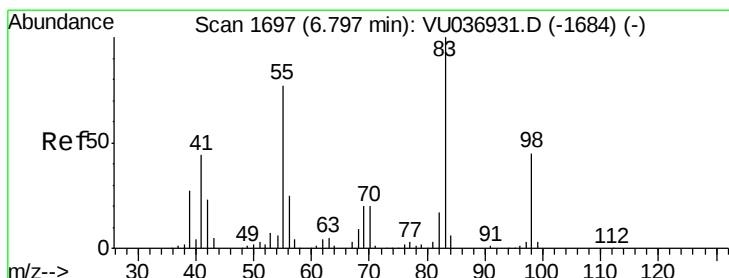
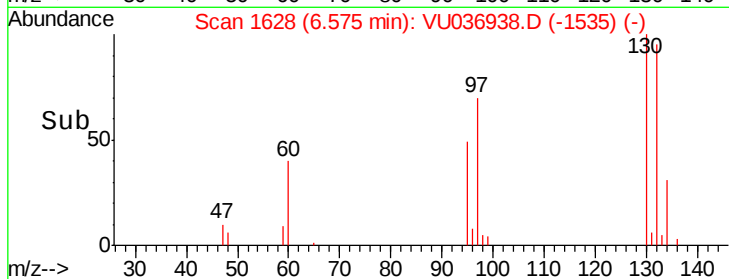
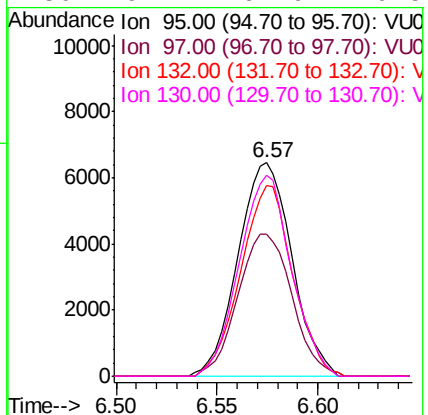
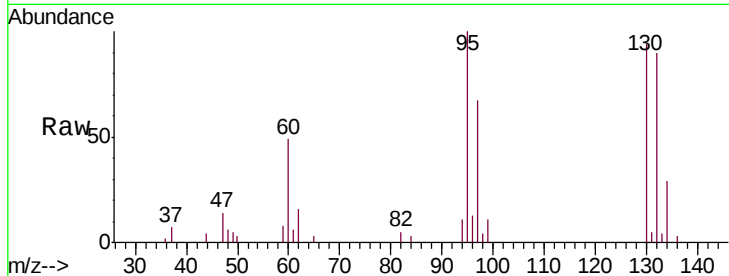




#34
 Trichloroethene
 Concen: 6.209 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU036938.D
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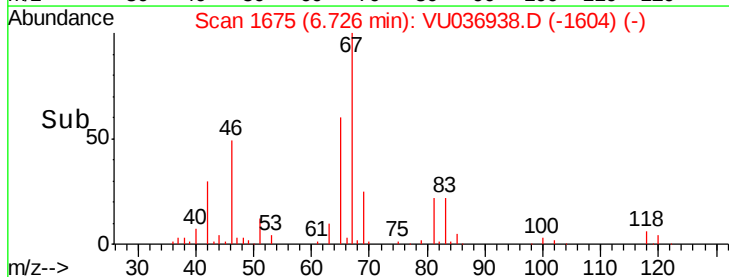
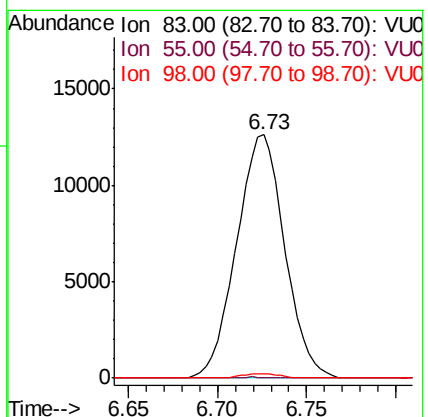
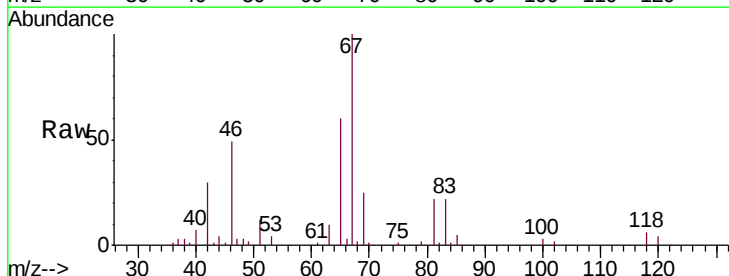
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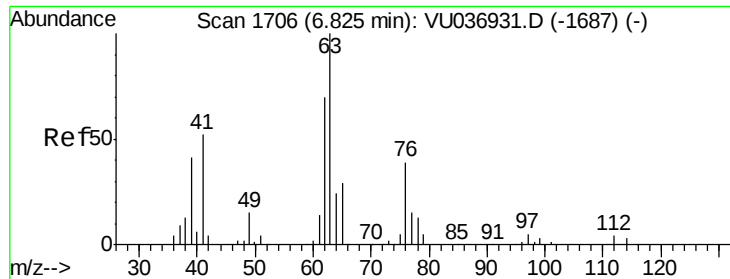
Tgt Ion: 95 Resp: 12043
 Ion Ratio Lower Upper
 95 100
 97 66.5 44.1 81.9
 132 89.5 60.6 112.6
 130 94.4 64.9 120.5



#35
 Methylcyclohexane
 Concen: 7.055 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.07 min
 Lab File: VU036938.D
 Acq: 27 Feb 2020 13:09

Tgt Ion: 83 Resp: 23725
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.6 93.8#
 98 1.5 35.1 52.7#

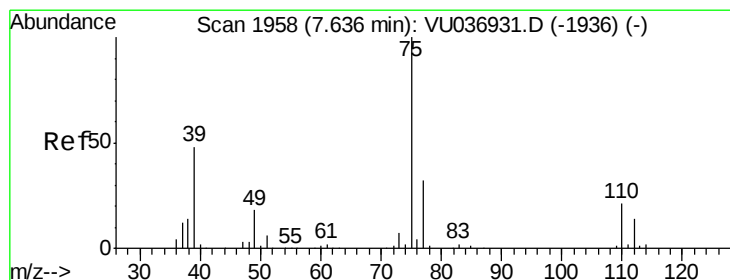
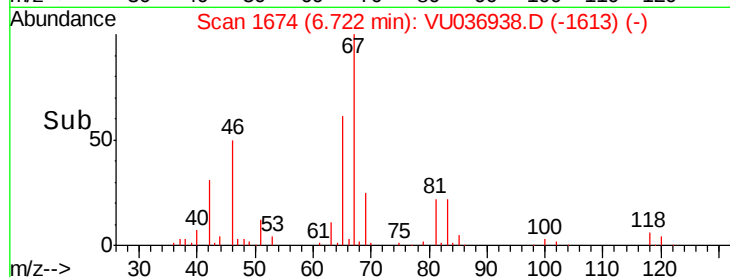
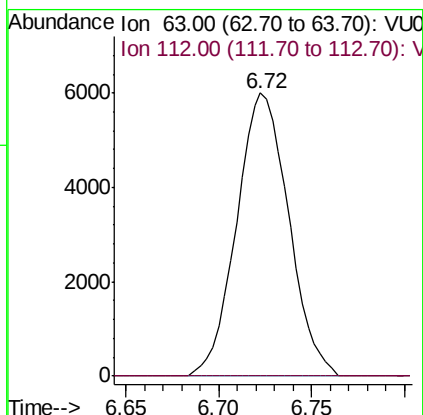
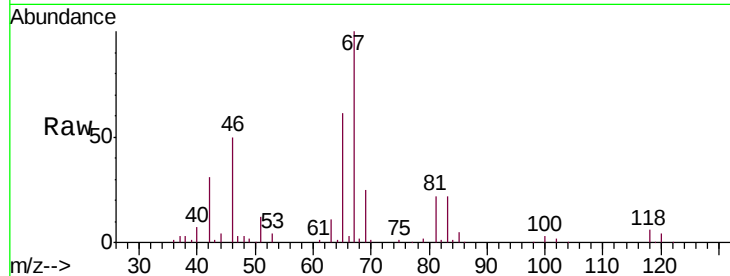




#37
 1,2-Dichloropropane
 Concen: 5.501 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036938.D
 Acq: 27 Feb 2020 13:09

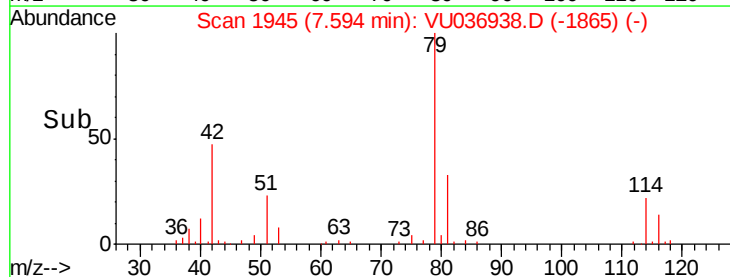
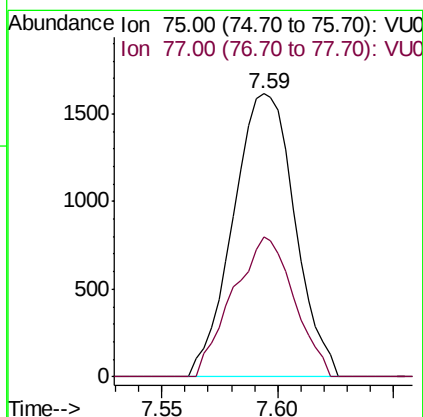
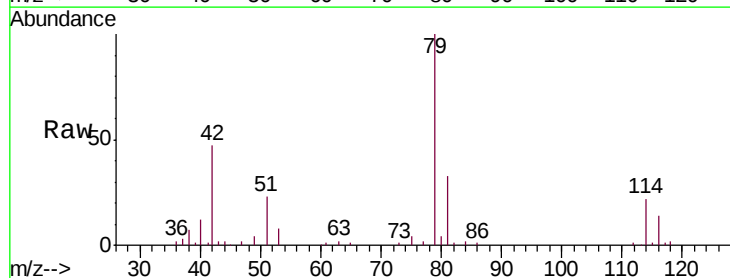
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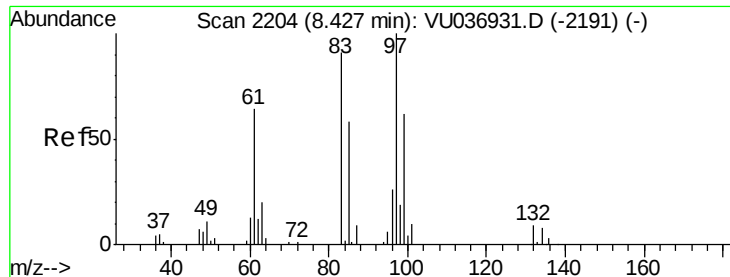
Tgt Ion: 63 Resp: 11688
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.910 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036938.D
 Acq: 27 Feb 2020 13:09

Tgt Ion: 75 Resp: 2980
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.0 41.0#

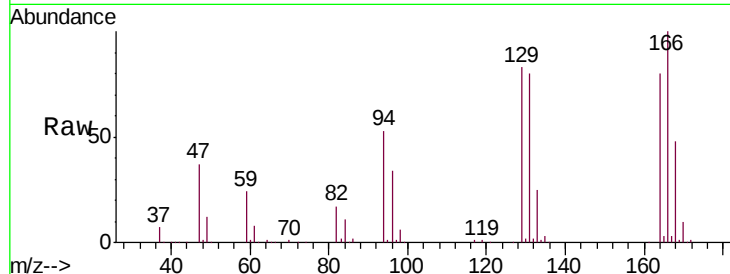




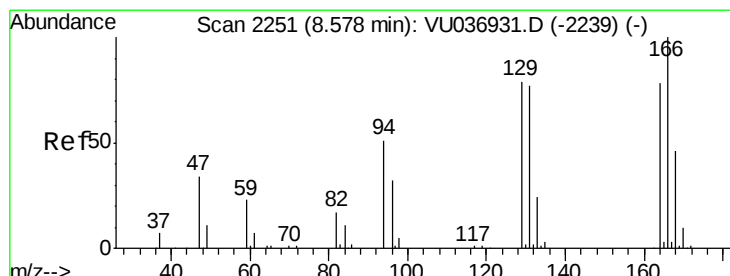
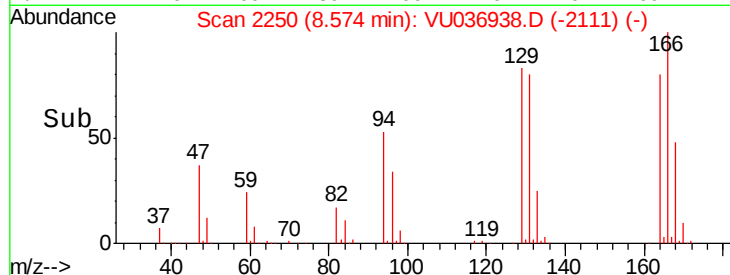
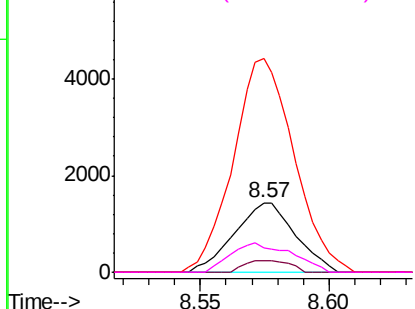
#45
 1,1,2-Trichloroethane
 Concen: 1.258 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.15 min
 Lab File: VU036938.D
 Acq: 27 Feb 2020 13:09

Instrument :
 MSVOA_U
 ClientSampleID :
 GAW03

Tgt Ion: 97 Resp: 2376
 Ion Ratio Lower Upper
 97 100
 99 16.7 43.6 81.0#
 83 306.9 62.7 116.5#
 85 35.6 40.3 74.9#

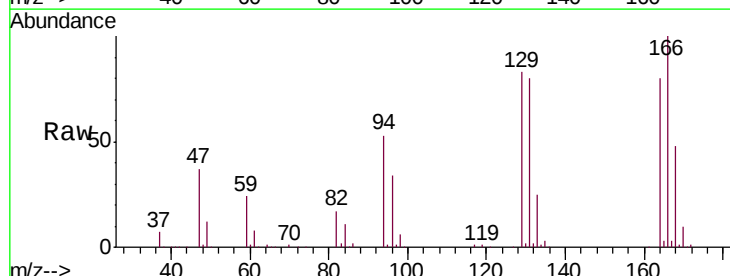


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

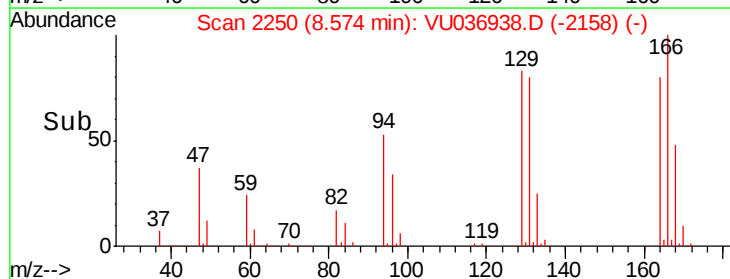
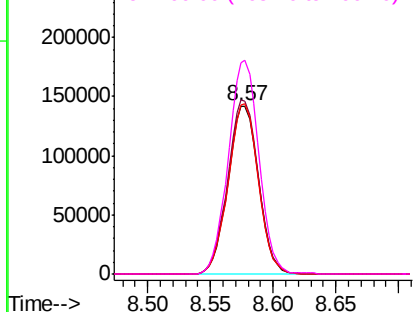


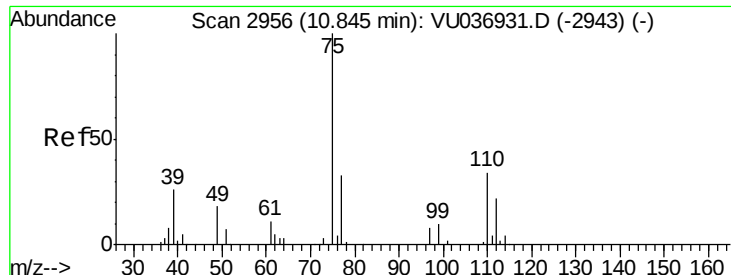
#46
 Tetrachloroethene
 Concen: 188.416 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036938.D
 Acq: 27 Feb 2020 13:09

Tgt Ion: 164 Resp: 240737
 Ion Ratio Lower Upper
 164 100
 129 103.8 72.0 133.8
 131 100.6 67.9 126.1
 166 125.6 87.1 161.7



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V





#59

1,2,3-Trichloropropane

Concen: 5.125 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036938.D

Acq: 27 Feb 2020 13:09

Instrument :

MSVOA_U

ClientSampleId :

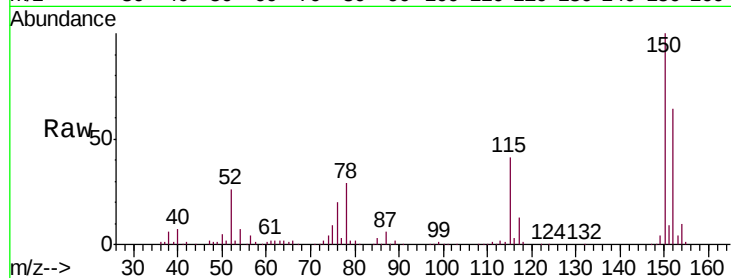
GAW03

Tgt Ion: 75 Resp: 14007

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

