

Data File : VU036939.D
Acq On : 27 Feb 2020 13:32
Operator : JC/MD
Sample : L1686-07 20X
Misc : 6.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW04

Quant Time: Feb 27 22:03:25 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	250141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89849	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81222	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.34%
7) Chloroethane-d5	1.93	69	76270	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.76%
11) 1,1-Dichloroethene-d2	2.59	63	108924	30.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.92%
21) 2-Butanone-d5	4.67	46	146209	103.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	5.11	84	146020	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.74	65	103506	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.76	84	321865	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.72	67	107800	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.93	98	291334	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
43) trans-1,3-Dichloropropene-	8.21	79	44853	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.66	63	110083	100.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	154267	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	86504	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

Target Compounds

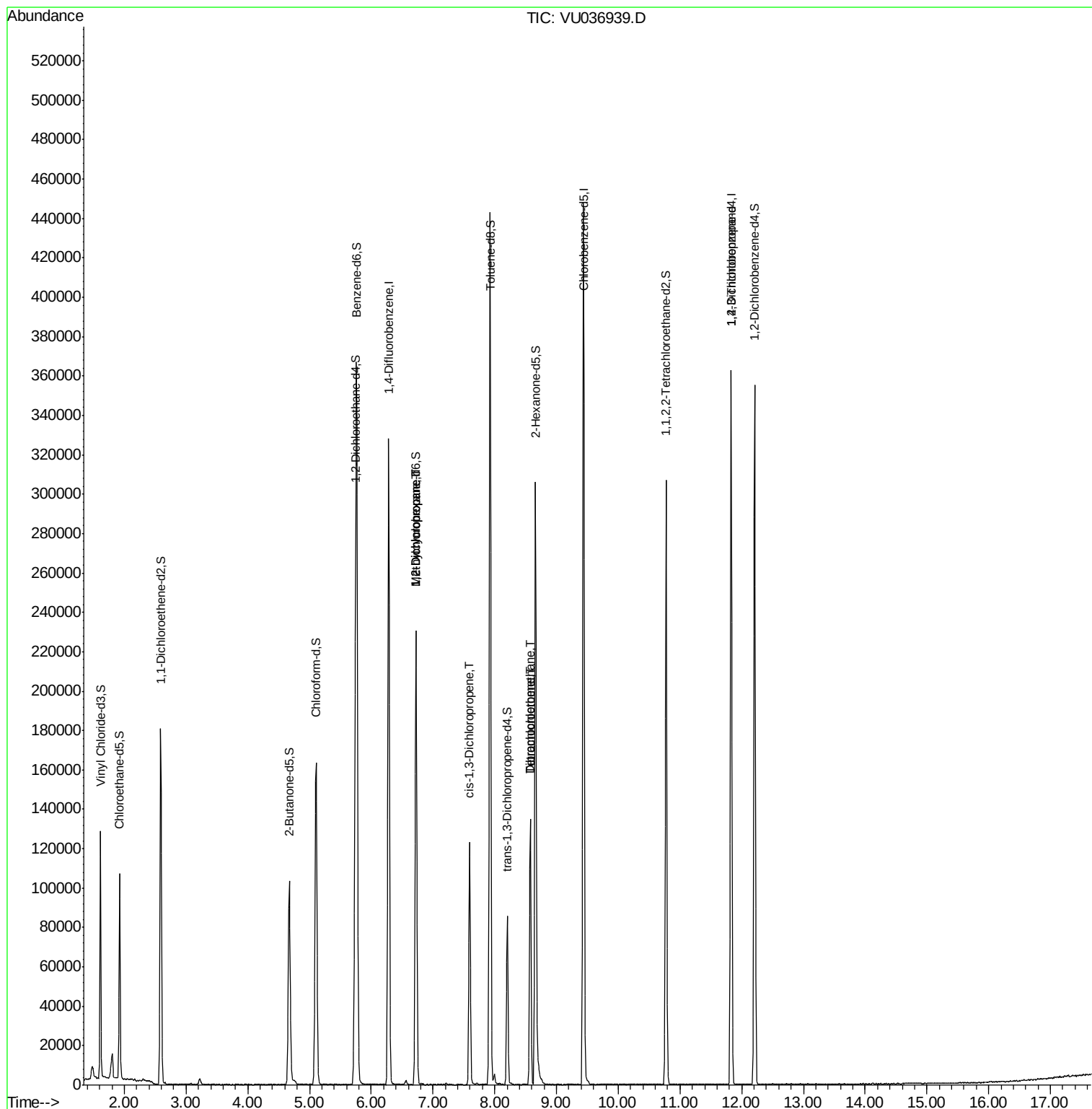
					Qvalue
35) Methylcyclohexane	6.72	83	23535	7.334 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11368	5.607 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2826	0.905 ug/L #	53
46) Tetrachloroethene	8.57	164	27204	22.313 ug/L	99
49) Dibromochloromethane	8.57	129	28372	16.579 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	13236	5.075 ug/L	94

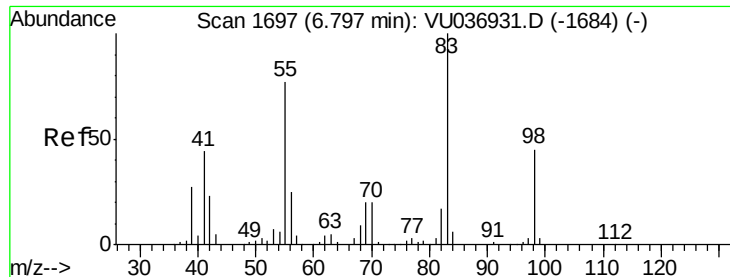
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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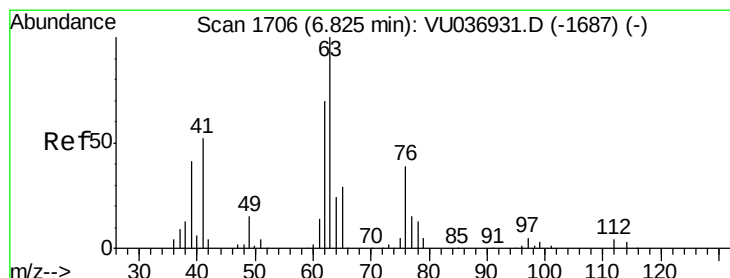
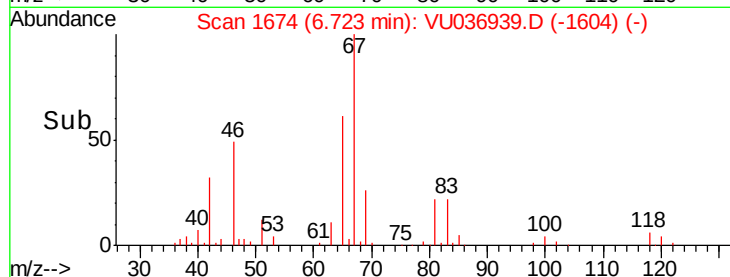
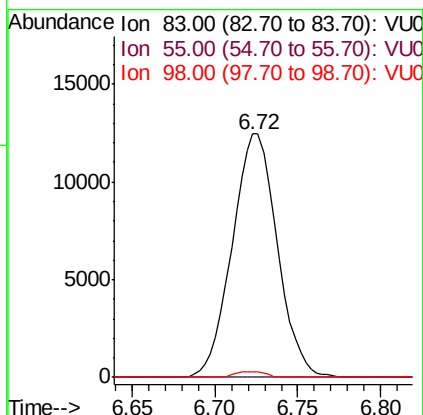
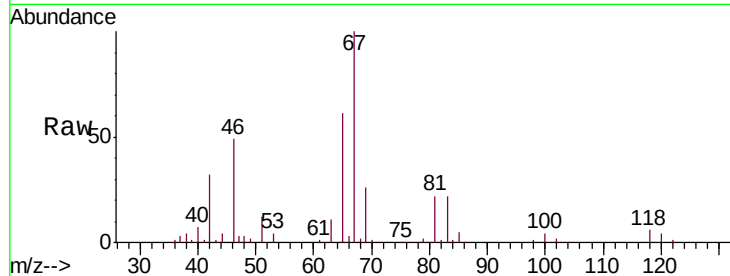




#35
Methylcyclohexane
Concen: 7.334 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036939.D
Acq: 27 Feb 2020 13:32

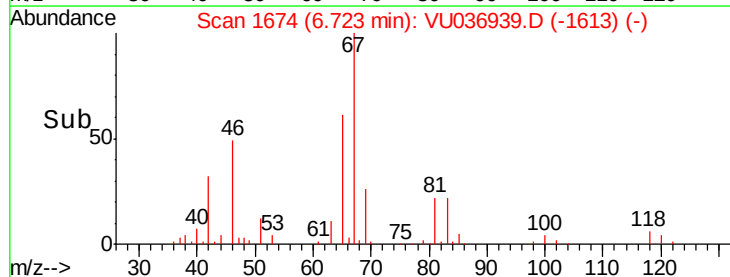
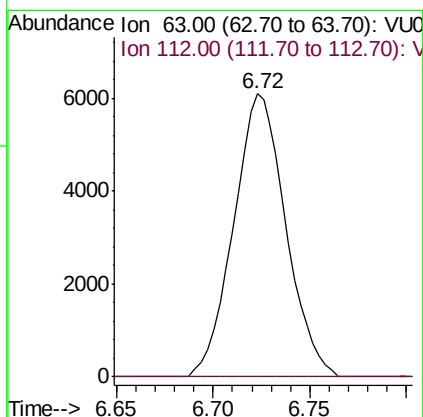
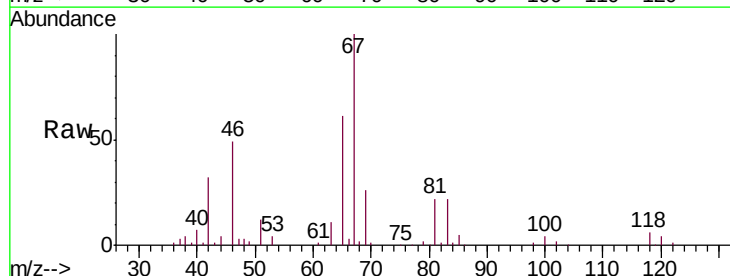
Instrument :
MSVOA_U
ClientSampleId :
GAW04

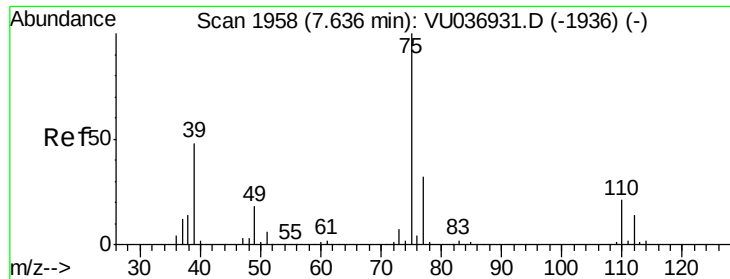
Tgt Ion: 83 Resp: 23535
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.5 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.607 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036939.D
Acq: 27 Feb 2020 13:32

Tgt Ion: 63 Resp: 11368
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

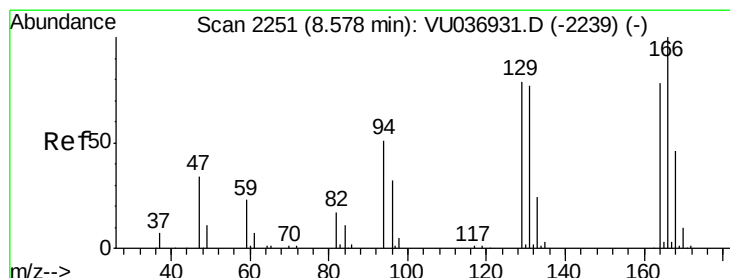
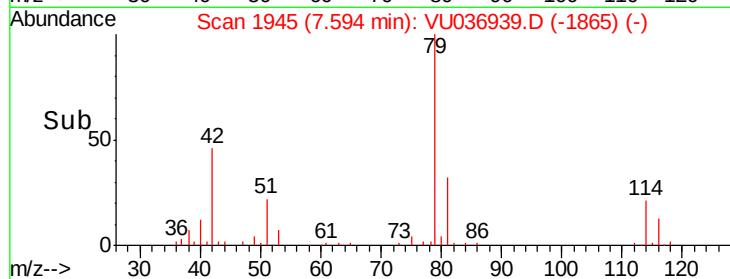
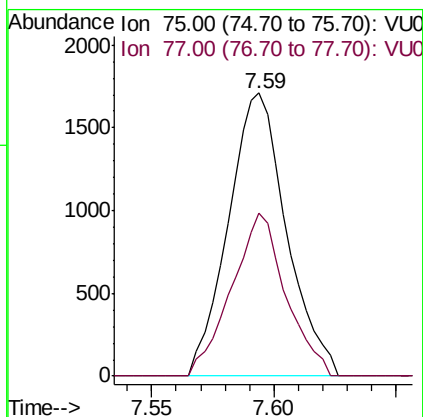
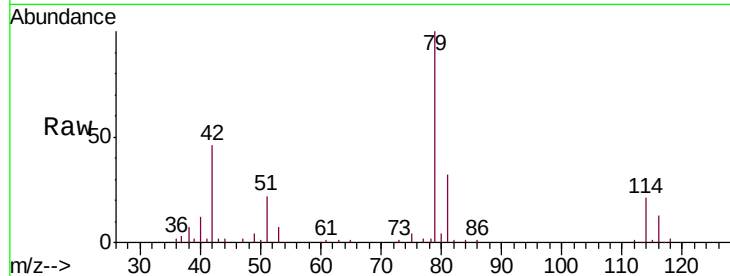




#39
 cis-1,3-Dichloropropene
 Concen: 0.905 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036939.D
 Acq: 27 Feb 2020 13:32

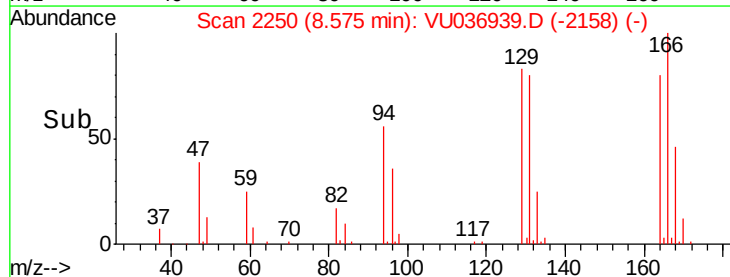
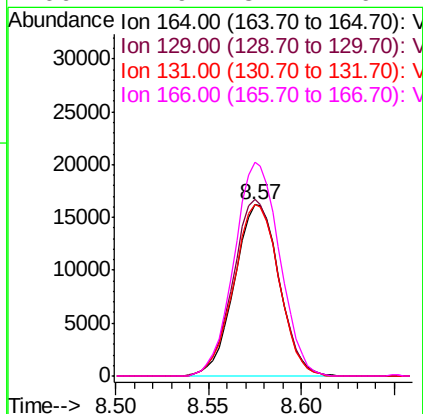
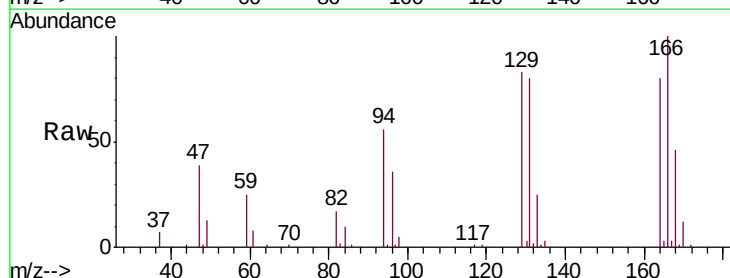
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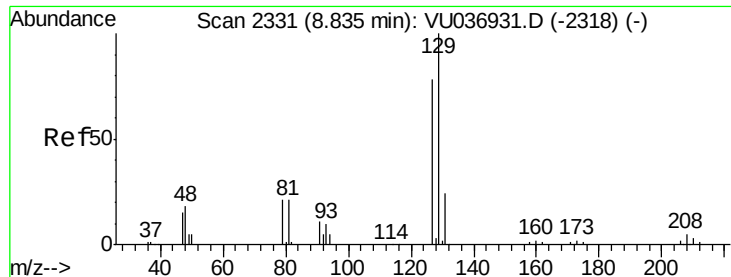
Tgt Ion: 75 Resp: 2826
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 22.313 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036939.D
 Acq: 27 Feb 2020 13:32

Tgt Ion: 164 Resp: 27204
 Ion Ratio Lower Upper
 164 100
 129 103.5 72.0 133.8
 131 100.5 67.9 126.1
 166 124.9 87.1 161.7





#49

Dibromochloromethane

Concen: 16.579 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU036939.D

Acq: 27 Feb 2020 13:32

Instrument :

MSVOA_U

ClientSampleId :

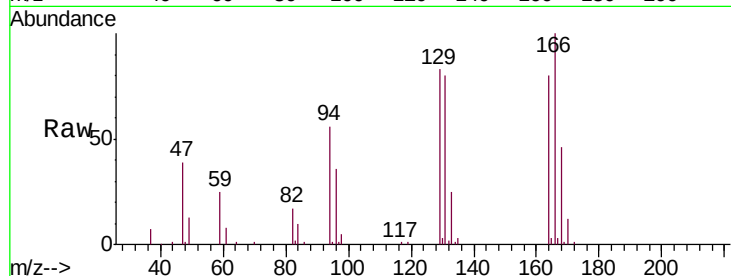
GAW04

Tgt Ion:129 Resp: 28372

Ion Ratio Lower Upper

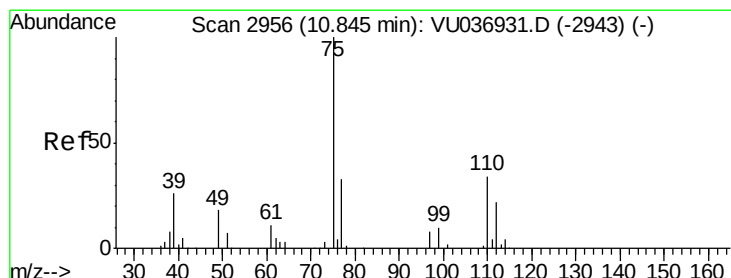
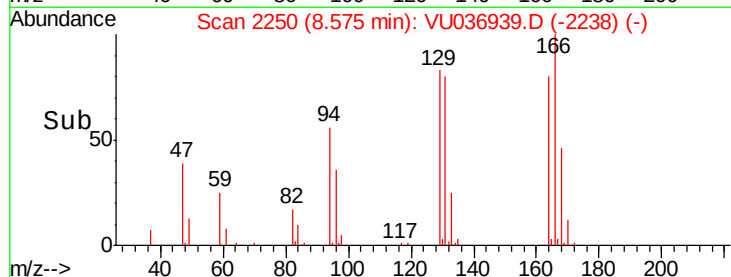
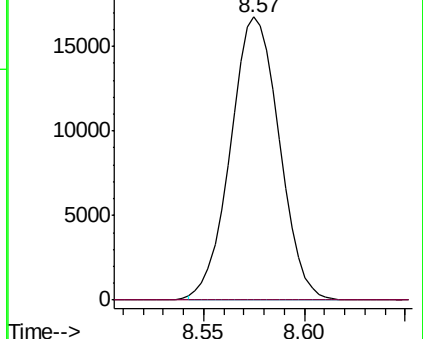
129 100

127 0.0 54.3 100.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.075 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036939.D

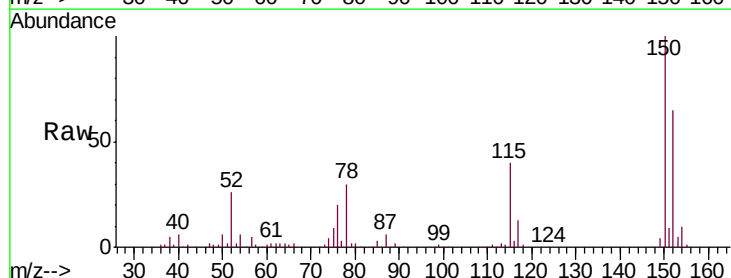
Acq: 27 Feb 2020 13:32

Tgt Ion: 75 Resp: 13236

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

