

Data File : VU036949.D
Acq On : 27 Feb 2020 17:42
Operator : JC/MD
Sample : L1686-07 5X
Misc : 6.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW04

Quant Time: Feb 27 22:04:59 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	253015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75000	35.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.60%
7) Chloroethane-d5	1.91	69	70792	40.27	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.54%
11) 1,1-Dichloroethene-d2	2.58	63	99954	28.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.18%#
21) 2-Butanone-d5	4.88	46	87	0.06	ug/L	0.22
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.06%#
24) Chloroform-d	5.10	84	142053	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.74	65	101280	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.76	84	311273	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
36) 1,2-Dichloropropane-d6	6.72	67	105100	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.20%
41) Toluene-d8	7.92	98	281244	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%
43) trans-1,3-Dichloropropene-	8.20	79	44458	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.66	63	114945	103.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.11%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156322	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	89381	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%

Target Compounds

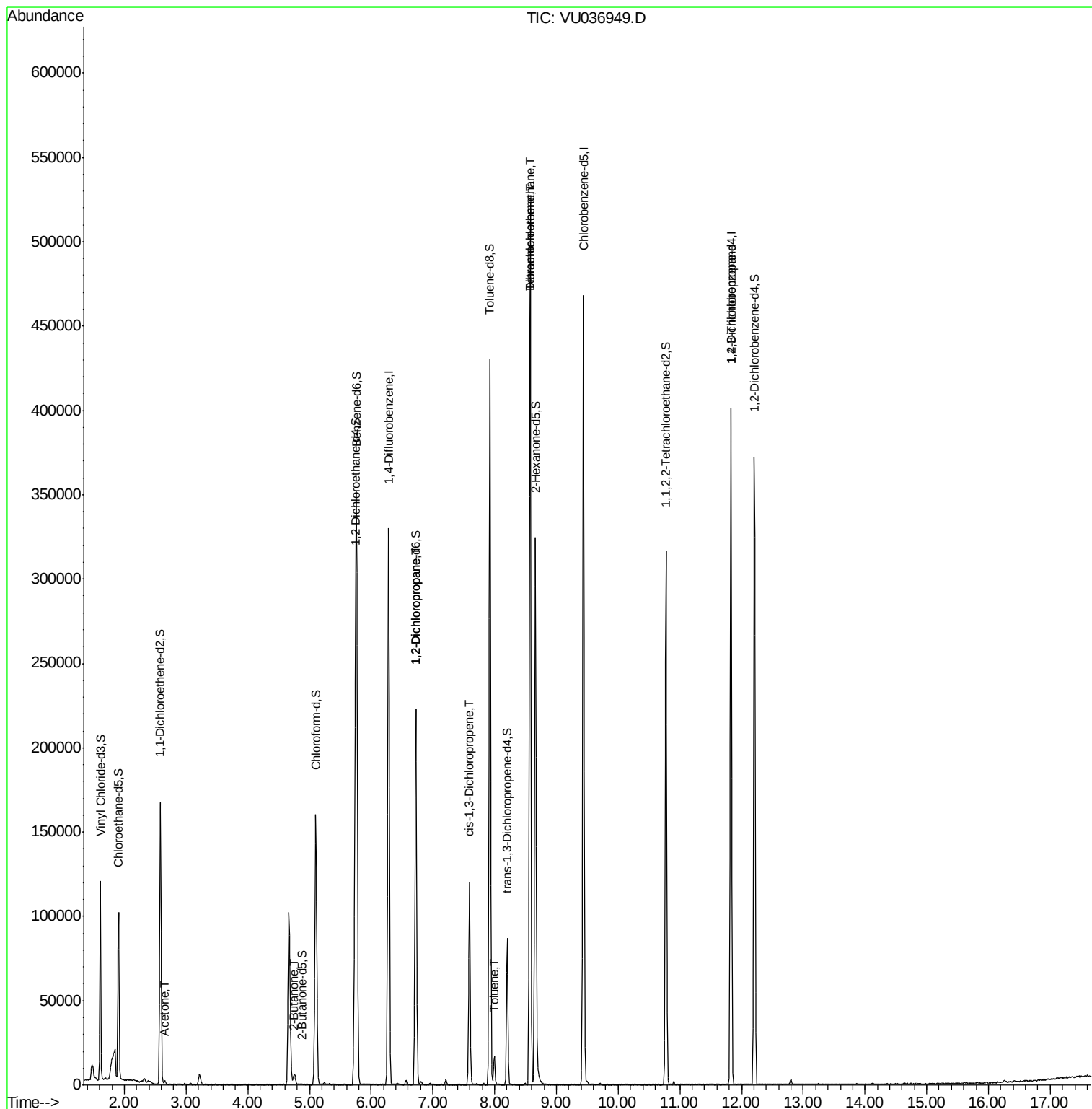
					Qvalue
13) Acetone	2.66	43	2317	1.580	ug/L 67
22) 2-Butanone	4.75	43	8865	5.015	ug/L 96
37) 1,2-Dichloropropane	6.72	63	11095	5.360	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	2771	0.869	ug/L # 69
42) Toluene	8.00	91	11790	1.439	ug/L 94
46) Tetrachloroethene	8.57	164	104654	84.076	ug/L 98
49) Dibromochloromethane	8.57	129	105234	60.232	ug/L # 11
59) 1,2,3-Trichloropropane	11.83	75	14446	5.425	ug/L 89

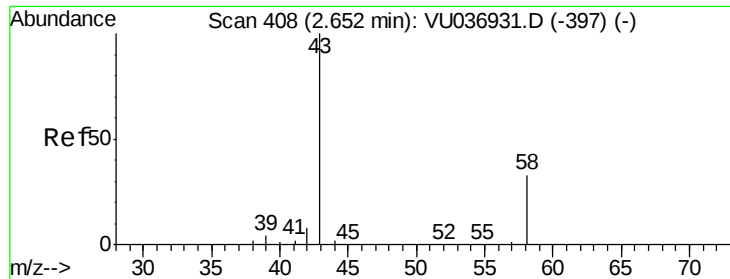
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.580 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036949.D

Acq: 27 Feb 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

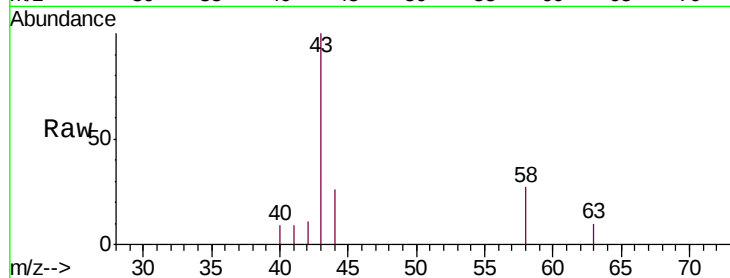
GAW04

Tgt Ion: 43 Resp: 2317

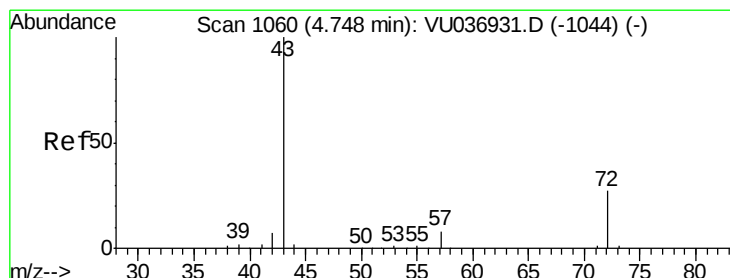
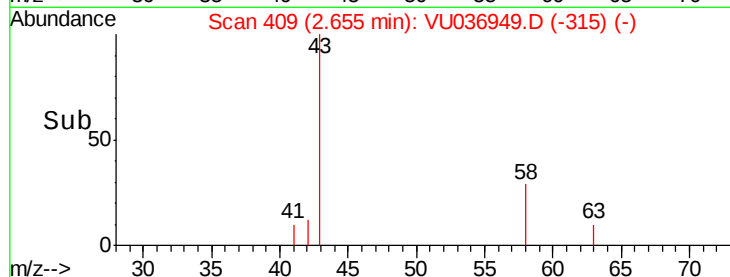
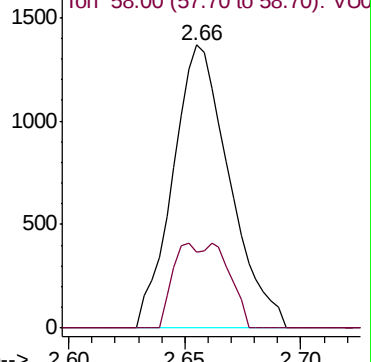
Ion Ratio Lower Upper

43 100

58 13.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036949.D (-315) (-)



#22

2-Butanone

Concen: 5.015 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. 0.01 min

Lab File: VU036949.D

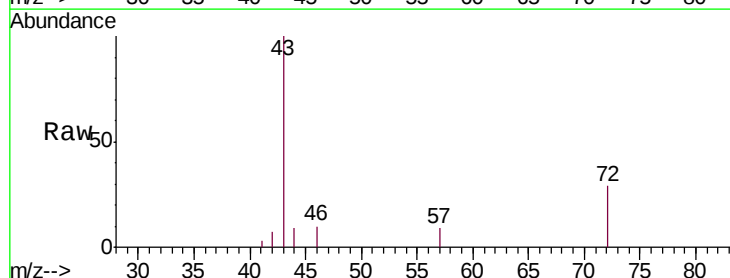
Acq: 27 Feb 2020 17:42

Tgt Ion: 43 Resp: 8865

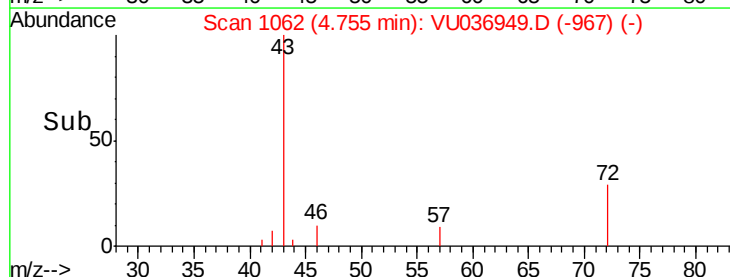
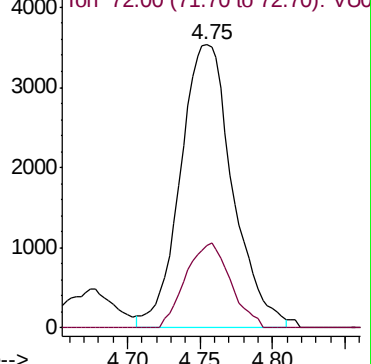
Ion Ratio Lower Upper

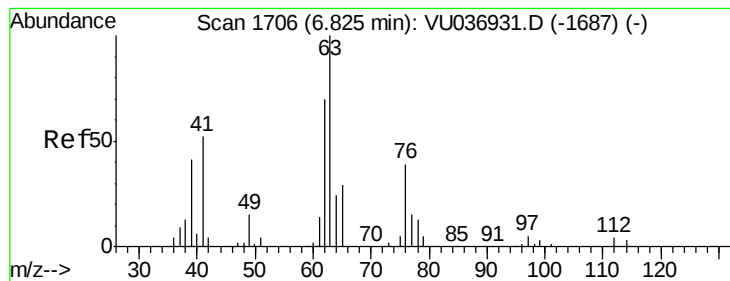
43 100

72 25.6 13.9 41.6



Abundance Ion 43.00 (42.70 to 43.70): VU036949.D (-967) (-)





#37

1,2-Dichloropropane

Concen: 5.360 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036949.D

Acq: 27 Feb 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

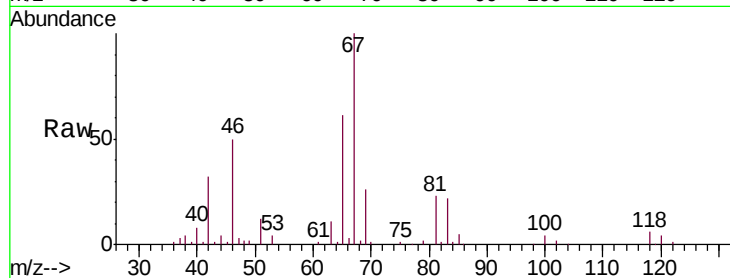
GAW04

Tgt Ion: 63 Resp: 11095

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036931.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU036931.D (-1687) (-)

6.72

6000

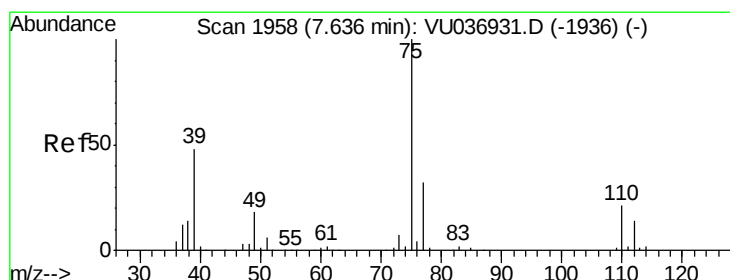
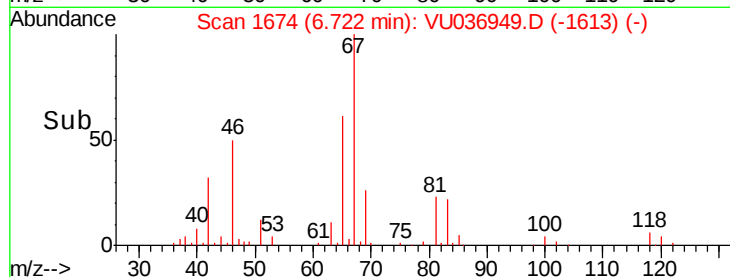
4000

2000

0

6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.869 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.05 min

Lab File: VU036949.D

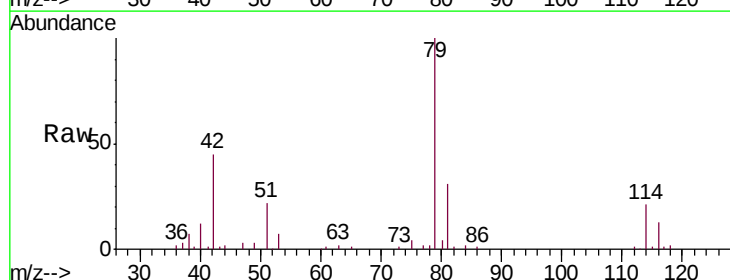
Acq: 27 Feb 2020 17:42

Tgt Ion: 75 Resp: 2771

Ion Ratio Lower Upper

75 100

77 48.6 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036931.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU036931.D (-1936) (-)

7.59

1500

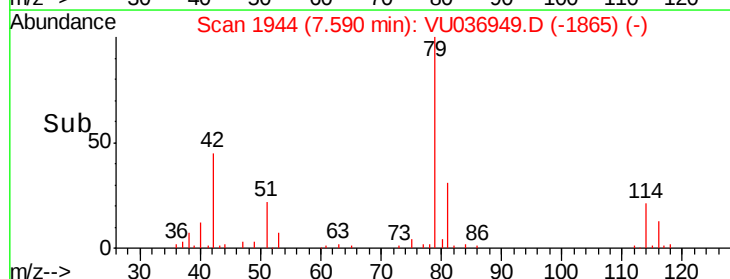
1000

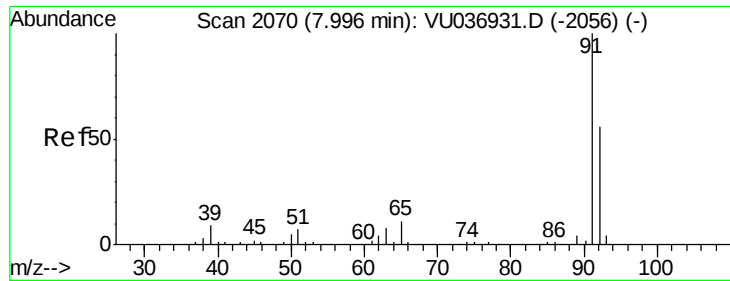
500

0

7.55 7.60

Time-->





#42

Toluene

Concen: 1.439 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036949.D

Acq: 27 Feb 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

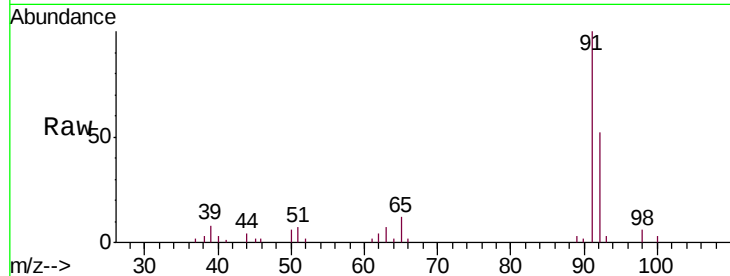
GAW04

Tgt Ion: 91 Resp: 11790

Ion Ratio Lower Upper

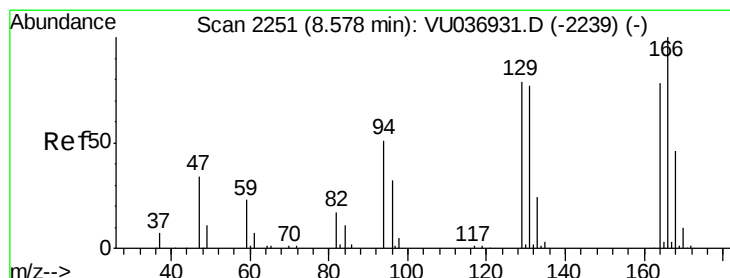
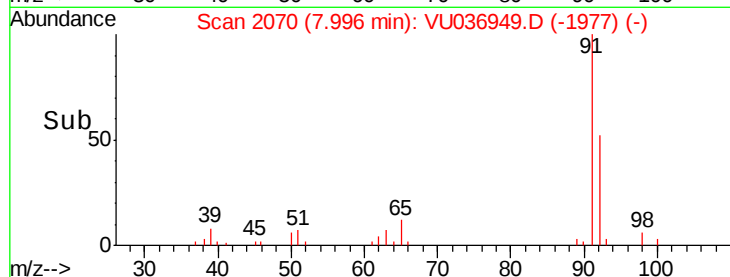
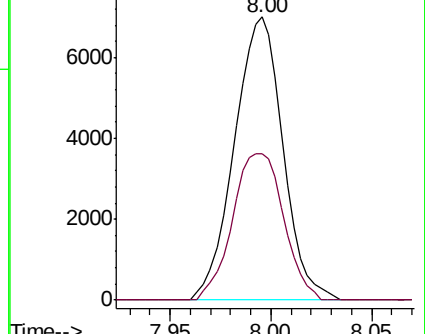
91 100

92 51.9 39.4 73.2



Abundance Ion 91.00 (90.70 to 91.70): VU036949.D (-2158) (-)

Ion 92.00 (91.70 to 92.70): VU036949.D (-2158) (-)



#46

Tetrachloroethene

Concen: 84.076 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036949.D

Acq: 27 Feb 2020 17:42

Tgt Ion: 164 Resp: 104654

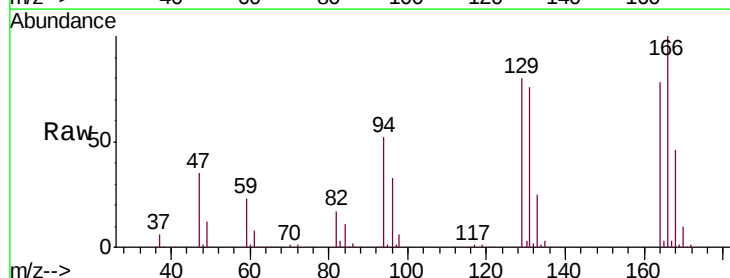
Ion Ratio Lower Upper

164 100

129 103.4 72.0 133.8

131 97.4 67.9 126.1

166 128.6 87.1 161.7

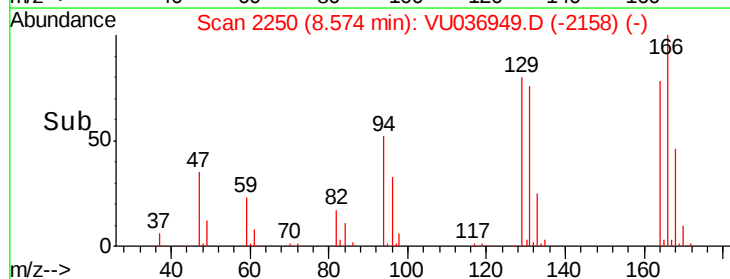
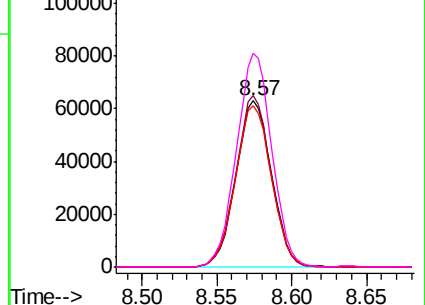


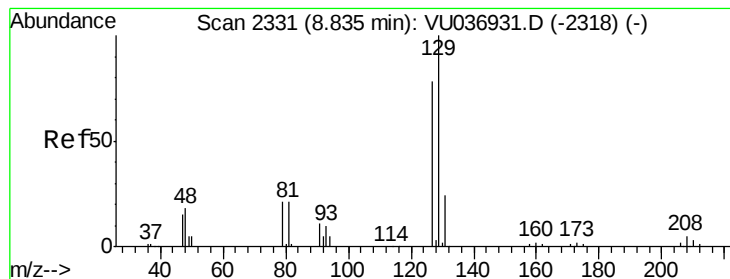
Abundance Ion 164.00 (163.70 to 164.70): VU036949.D (-2158) (-)

Ion 129.00 (128.70 to 129.70): VU036949.D (-2158) (-)

Ion 131.00 (130.70 to 131.70): VU036949.D (-2158) (-)

Ion 166.00 (165.70 to 166.70): VU036949.D (-2158) (-)





#49

Dibromochloromethane

Concen: 60.232 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU036949.D

Acq: 27 Feb 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

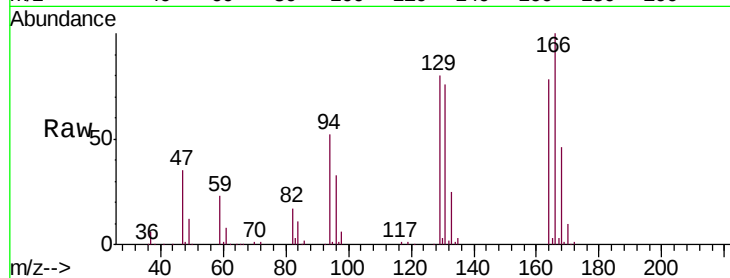
GAW04

Tgt Ion:129 Resp: 105234

Ion Ratio Lower Upper

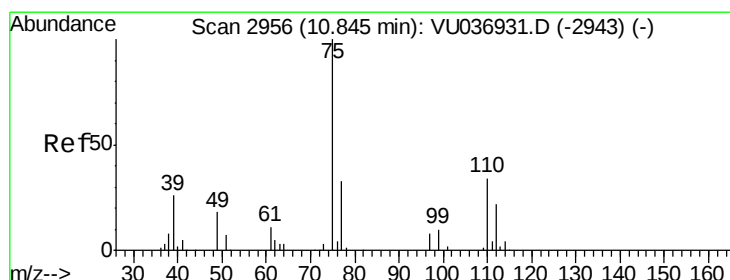
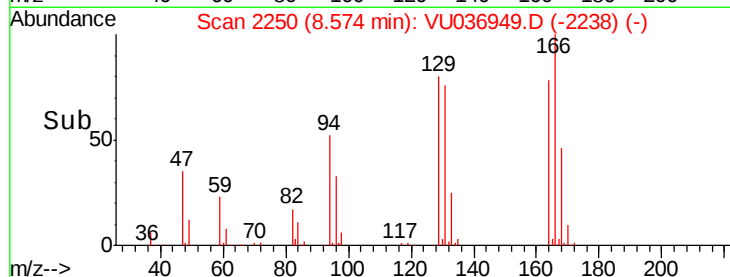
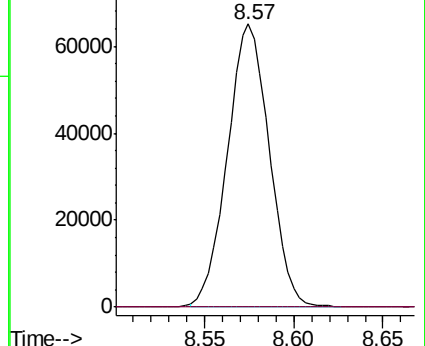
129 100

127 0.2 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: 5.425 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036949.D

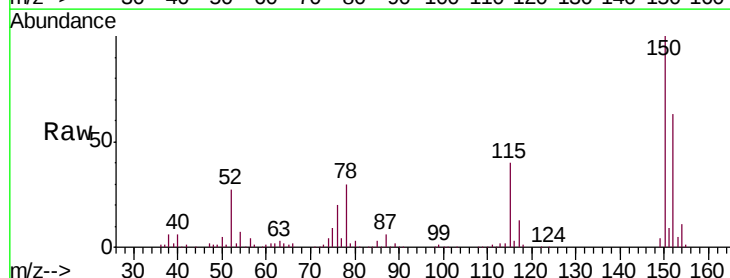
Acq: 27 Feb 2020 17:42

Tgt Ion: 75 Resp: 14446

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

