

Data File : VU036940.D
Acq On : 27 Feb 2020 13:54
Operator : JC/MD
Sample : L1686-09 20X
Misc : 7.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW06ME

Quant Time: Feb 27 22:03:33 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	256797	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94187	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81557	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.64%
7) Chloroethane-d5	1.92	69	77800	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	108993	30.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.36%
21) 2-Butanone-d5	4.67	46	147159	101.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.73%
24) Chloroform-d	5.10	84	150456	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.74	65	104405	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
32) Benzene-d6	5.76	84	327738	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
36) 1,2-Dichloropropane-d6	6.72	67	109959	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.92	98	293646	44.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.34%
43) trans-1,3-Dichloropropene-	8.20	79	45874	42.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.04%
47) 2-Hexanone-d5	8.66	63	112625	99.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156126	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	90570	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

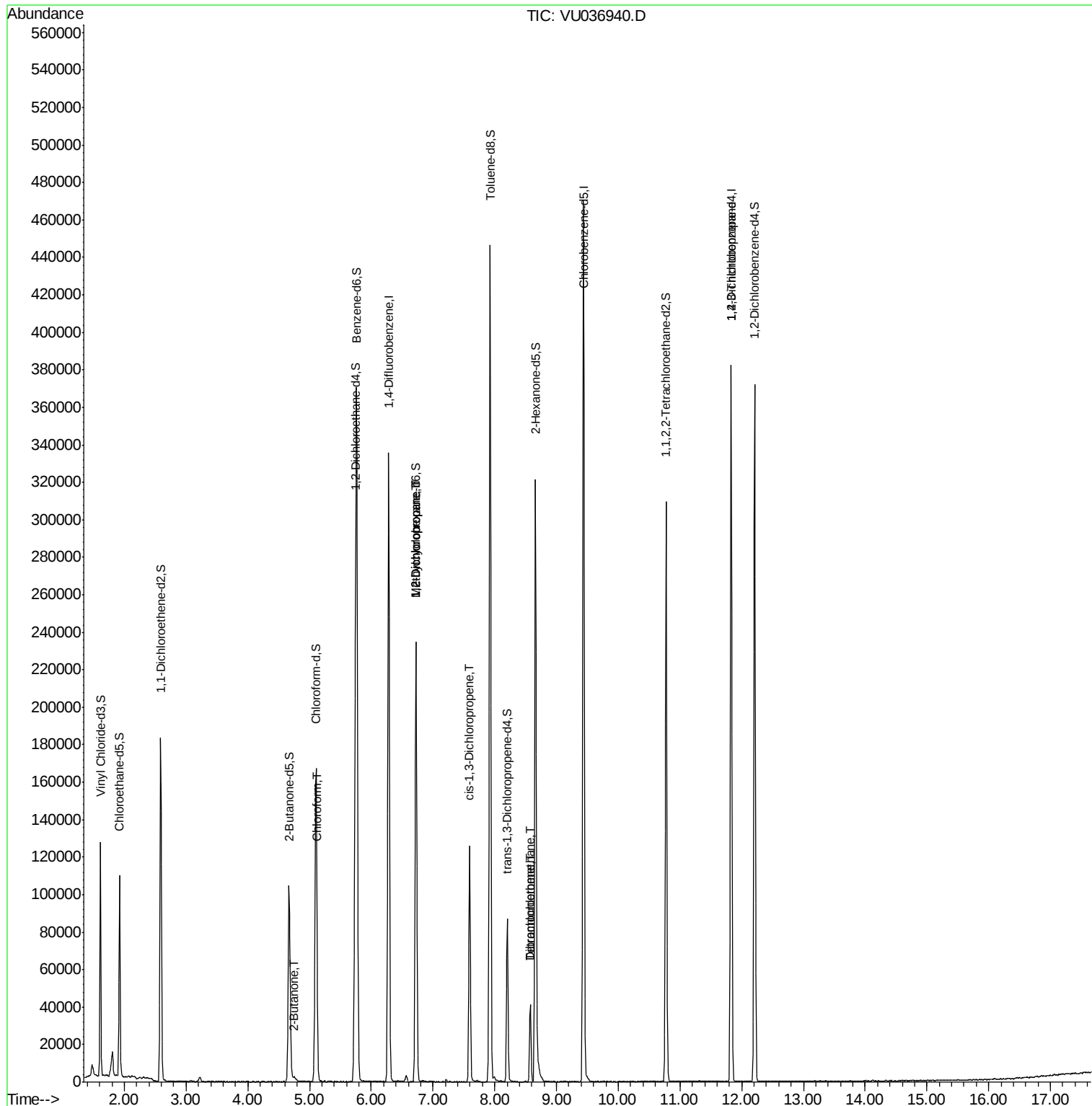
					Qvalue
22) 2-Butanone	4.75	43	3114	1.736 ug/L	90
25) Chloroform	5.13	83	2829	0.847 ug/L	99
35) Methylcyclohexane	6.73	83	23986	7.191 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12242	5.808 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2699	0.831 ug/L #	34
46) Tetrachloroethene	8.57	164	8580	6.770 ug/L	97
49) Dibromochloromethane	8.57	129	8703	4.892 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	13781	5.083 ug/L #	88

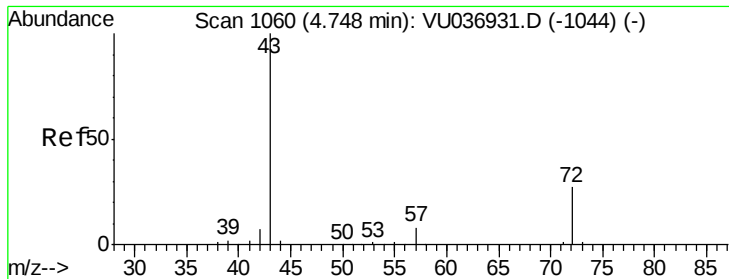
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

2-Butanone

Concen: 1.736 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.00 min

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Acq: 27 Feb 2020 13:54

Instrument :

MSVOA_U

ClientSampleId :

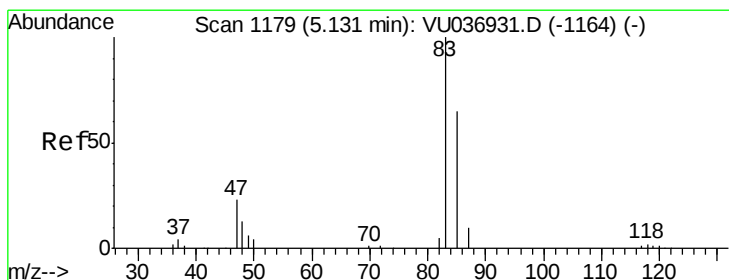
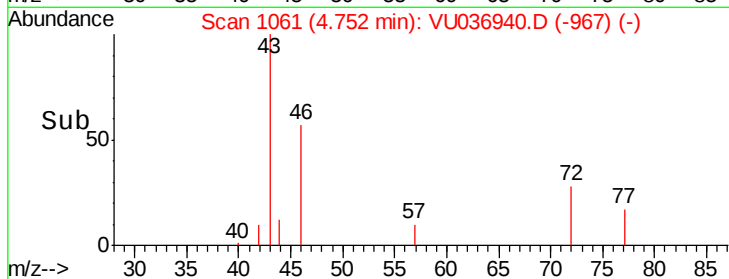
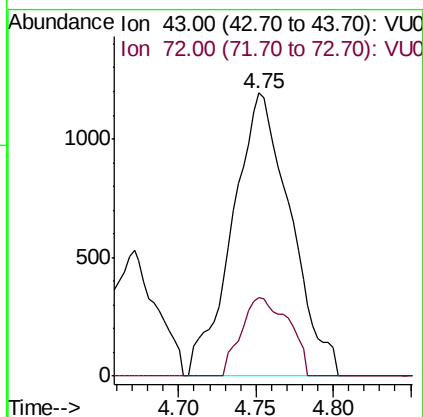
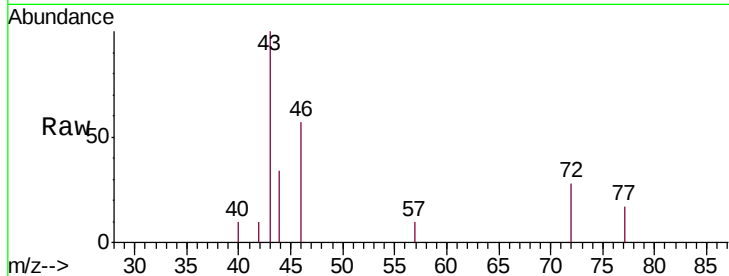
GAW06ME

Tgt Ion: 43 Resp: 3114

Ion Ratio Lower Upper

43 100

72 22.6 13.9 41.6



#25

Chloroform

Concen: 0.847 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU036940.D

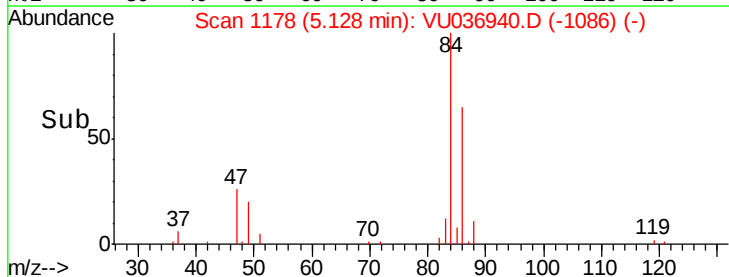
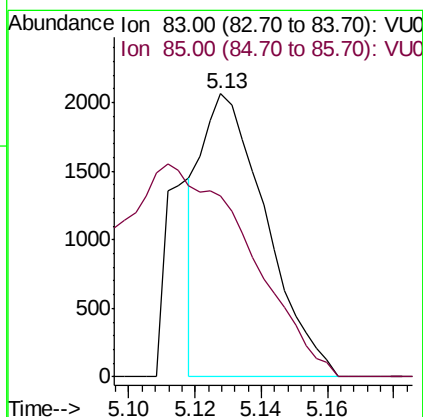
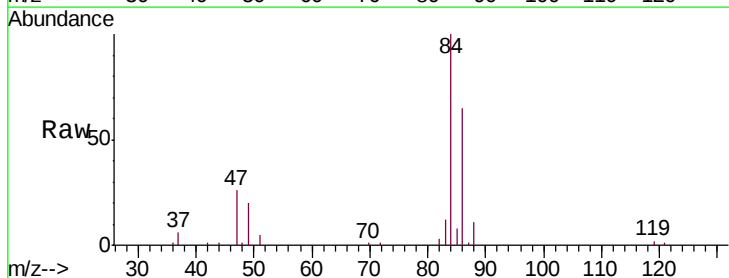
Acq: 27 Feb 2020 13:54

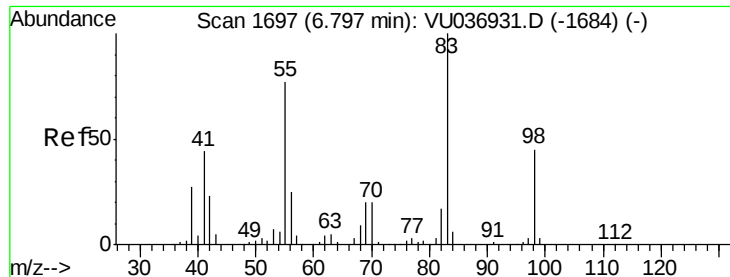
Tgt Ion: 83 Resp: 2829

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9

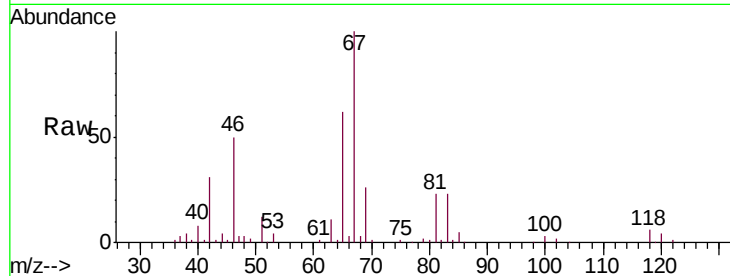




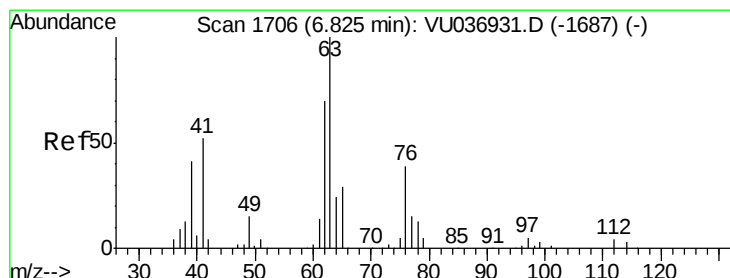
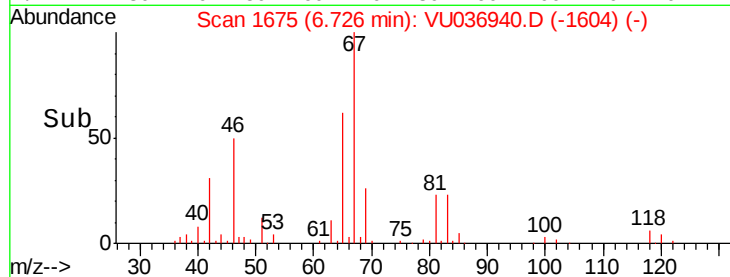
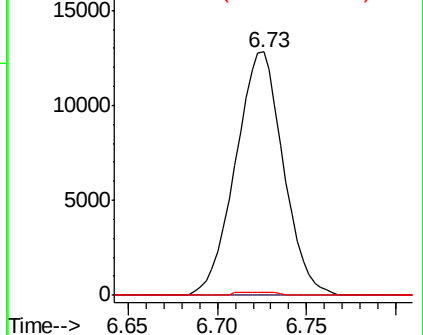
#35
Methylcyclohexane
Concen: 7.191 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036940.D
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Instrument :
MSVOA_U
ClientSampleId :
GAW06ME

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	93.8#
98	0.6	35.1	52.7#

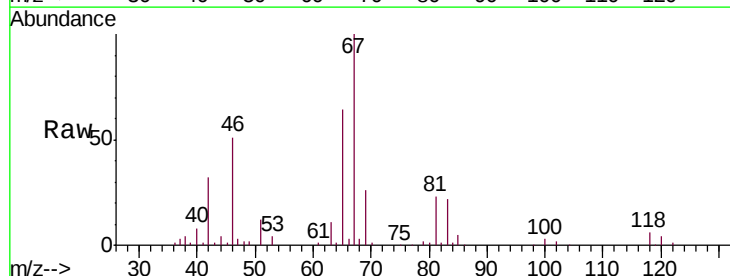


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

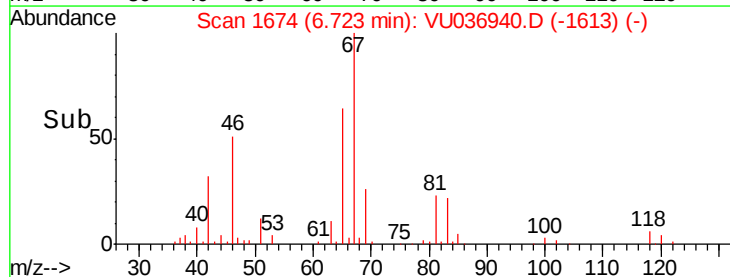
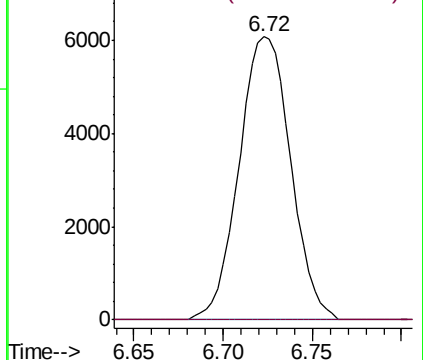


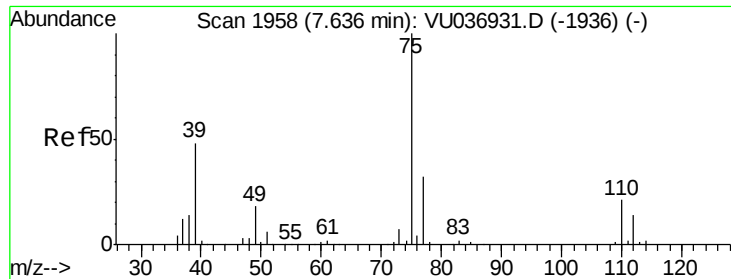
#37
1,2-Dichloropropane
Concen: 5.808 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036940.D
Acq: 27 Feb 2020 13:54

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



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

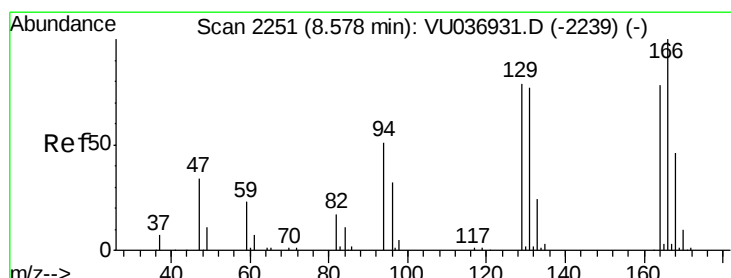
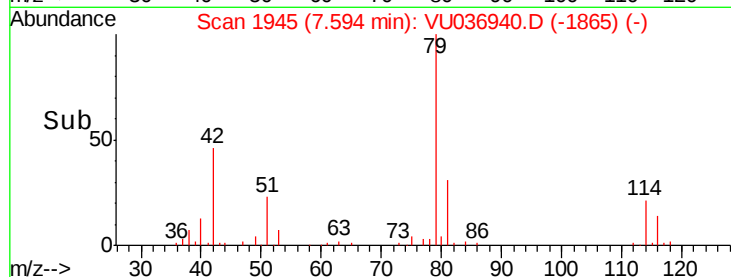
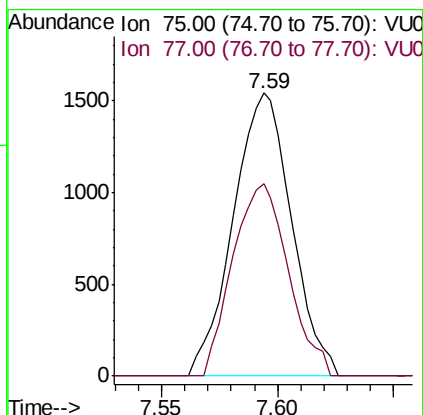
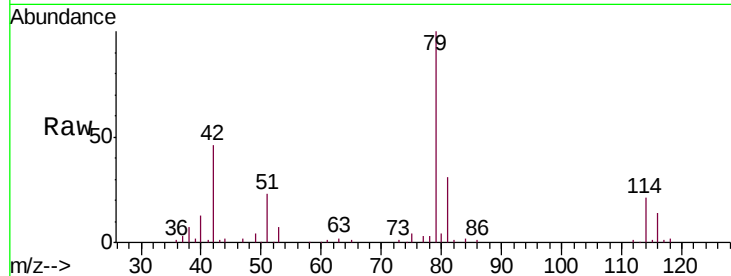




#39
 cis-1,3-Dichloropropene
 Concen: 0.831 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036940.D
 Acq: 27 Feb 2020 13:54

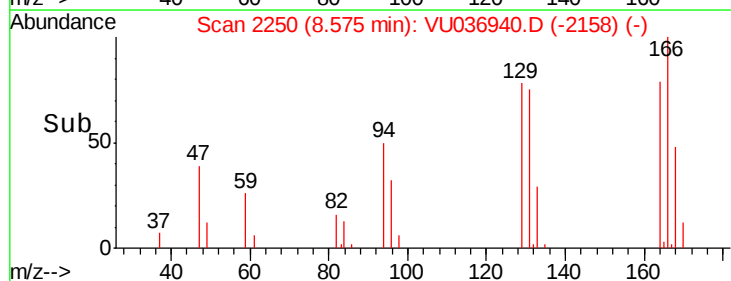
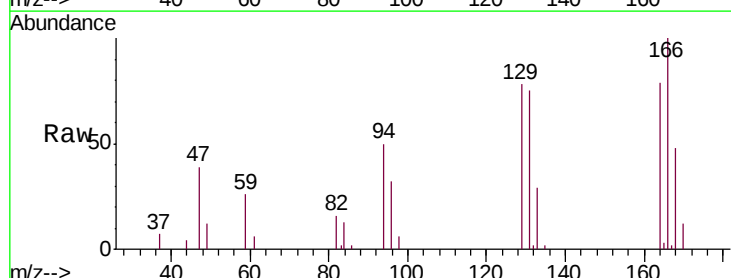
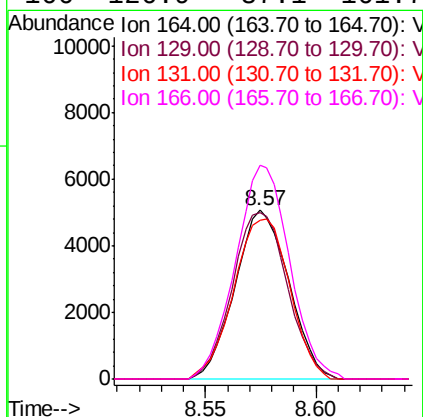
Instrument :
 MSVOA_U
 ClientSampleId :
 GAW06ME

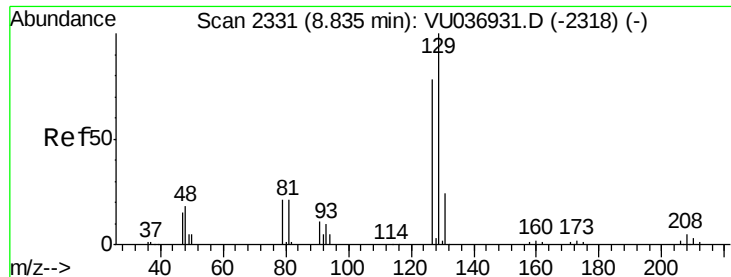
Tgt Ion: 75 Resp: 2699
 Ion Ratio Lower Upper
 75 100
 77 68.1 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 6.770 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036940.D
 Acq: 27 Feb 2020 13:54

Tgt Ion: 164 Resp: 8580
 Ion Ratio Lower Upper
 164 100
 129 98.6 72.0 133.8
 131 94.6 67.9 126.1
 166 126.9 87.1 161.7





#49

Dibromochloromethane

Concen: 4.892 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU036940.D

Acq: 27 Feb 2020 13:54

Instrument :

MSVOA_U

ClientSampleId :

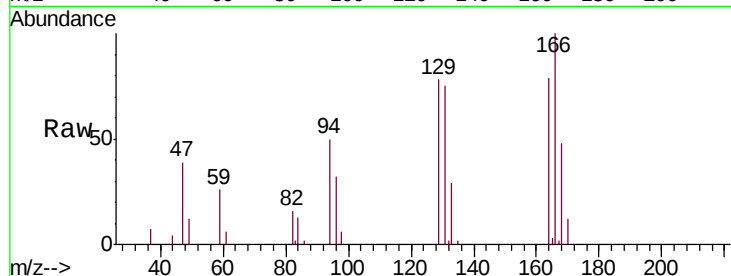
GAW06ME

Tgt Ion:129 Resp: 8703

Ion Ratio Lower Upper

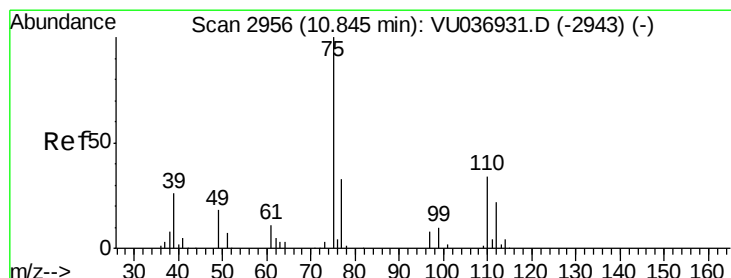
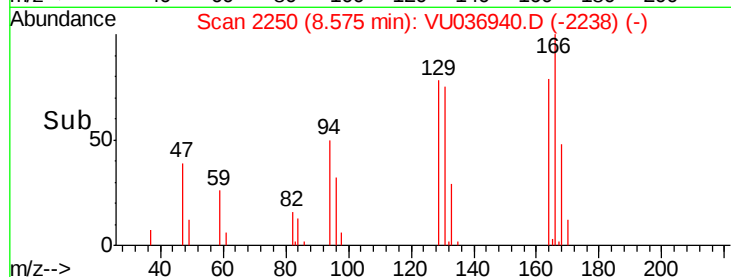
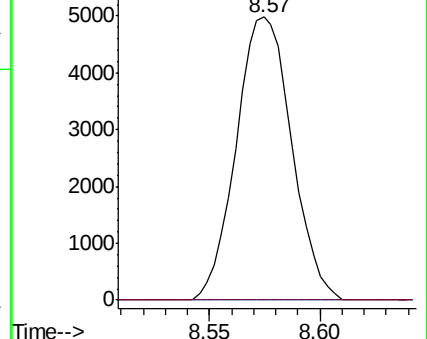
129 100

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: 5.083 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036940.D

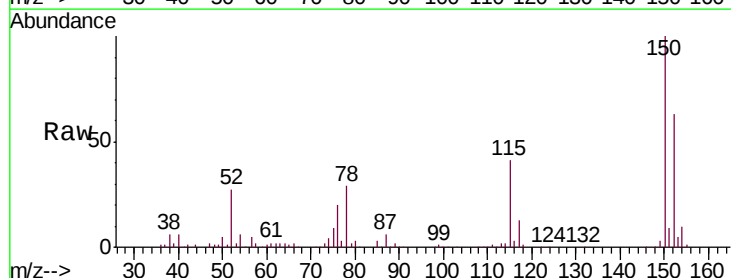
Acq: 27 Feb 2020 13:54

Tgt Ion: 75 Resp: 13781

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

