

Data File : VU036941.D
Acq On : 27 Feb 2020 14:17
Operator : JC/MD
Sample : L1686-10 20X
Misc : 6.44g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW07ME

Quant Time: Feb 27 22:03:42 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	262900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81948	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.24%
7) Chloroethane-d5	1.92	69	77260	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.58%
11) 1,1-Dichloroethene-d2	2.59	63	109216	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	4.67	46	148905	100.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.55%
24) Chloroform-d	5.11	84	149077	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	5.74	65	106147	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.76	84	330579	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.72	67	109289	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.86%
41) Toluene-d8	7.92	98	296670	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%
43) trans-1,3-Dichloropropene-	8.20	79	47175	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.66	63	113865	98.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.93%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157355	47.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.82%
64) 1,2-Dichlorobenzene-d4	12.21	152	92371	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%

Target Compounds

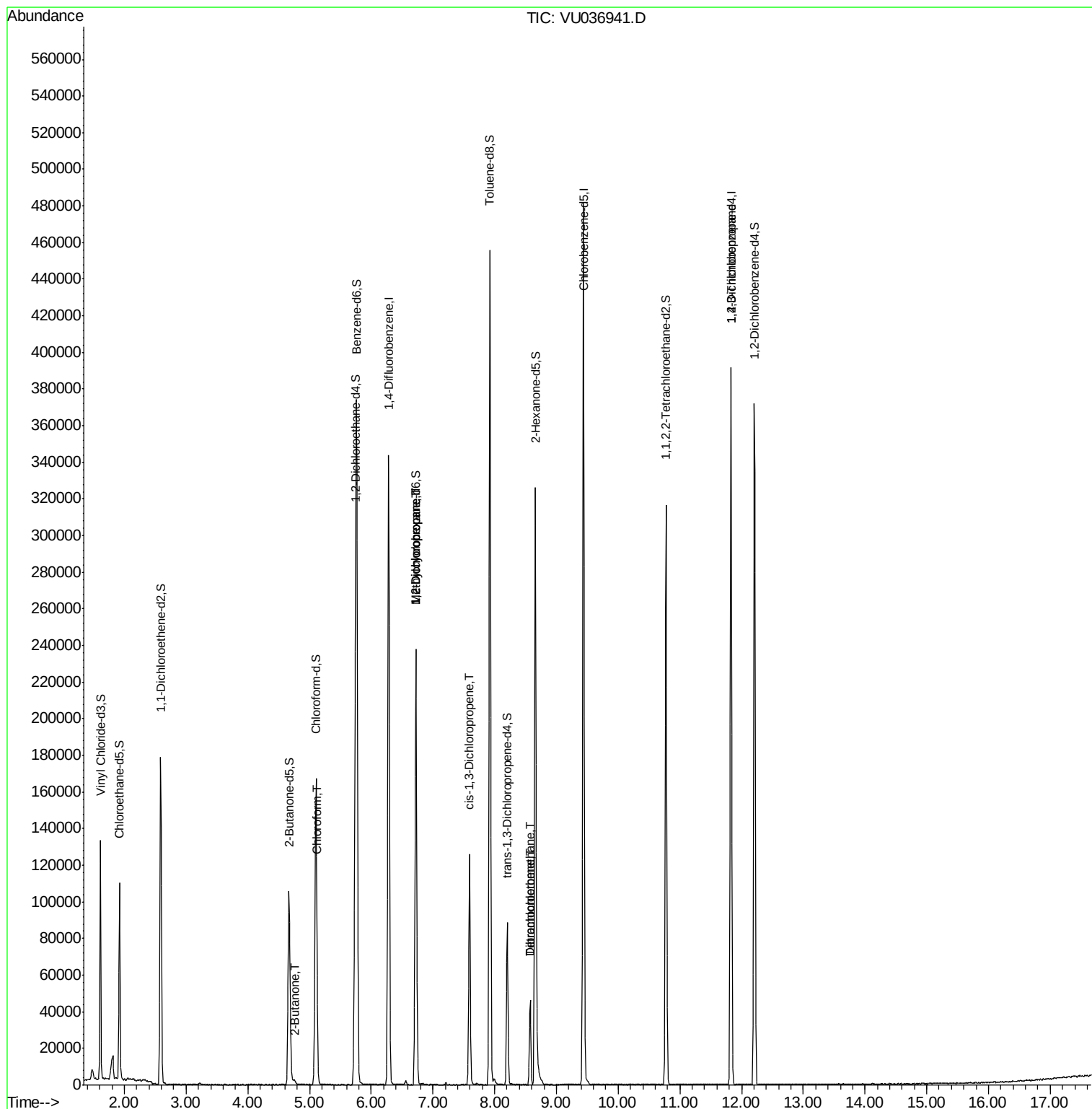
					Qvalue
22) 2-Butanone	4.75	43	3206	1.745 ug/L	86
25) Chloroform	5.13	83	4194	1.226 ug/L	99
35) Methylcyclohexane	6.72	83	24332	7.193 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12195	5.706 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2878	0.874 ug/L #	66
46) Tetrachloroethene	8.57	164	9658	7.515 ug/L	98
49) Dibromochloromethane	8.57	129	10214	5.662 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	14475	5.265 ug/L	93

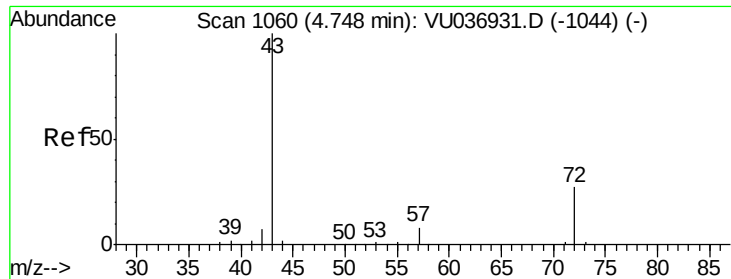
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

2-Butanone

Concen: 1.745 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VU036941.D

Acq: 27 Feb 2020 14:17

Instrument :

MSVOA_U

ClientSampled :

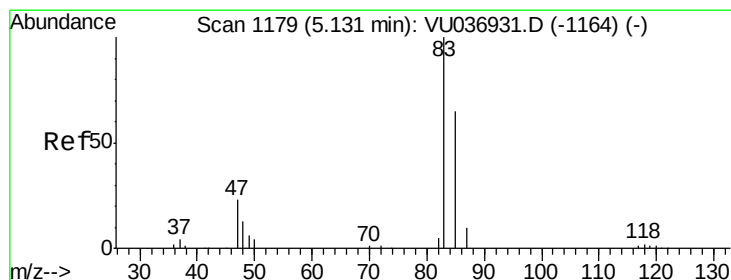
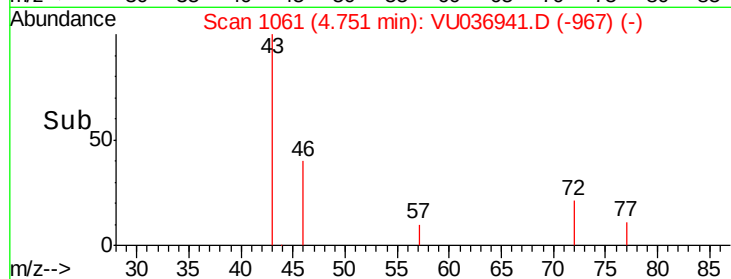
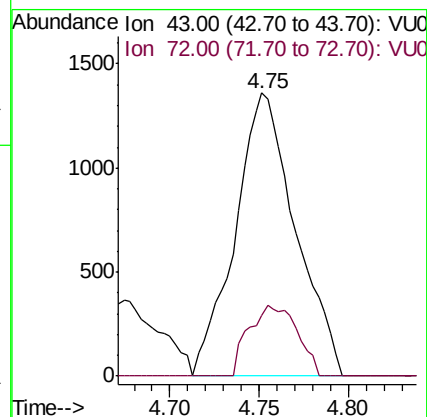
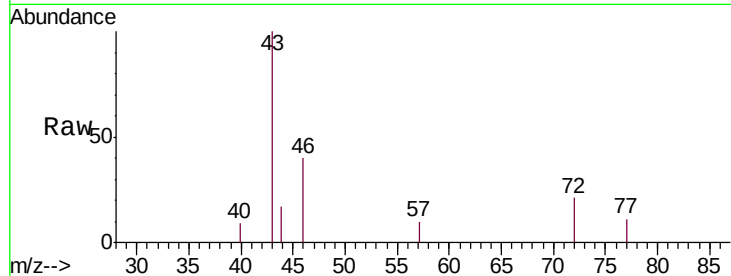
GAW07ME

Tgt Ion: 43 Resp: 3206

Ion Ratio Lower Upper

43 100

72 20.1 13.9 41.6



#25

Chloroform

Concen: 1.226 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU036941.D

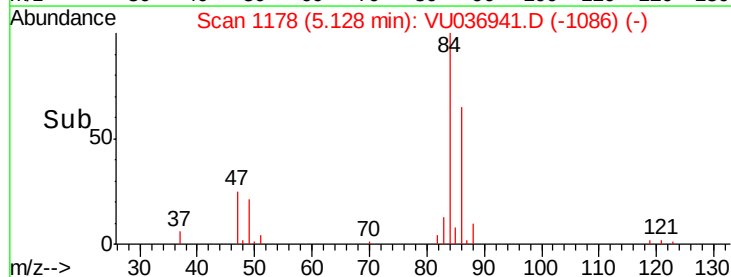
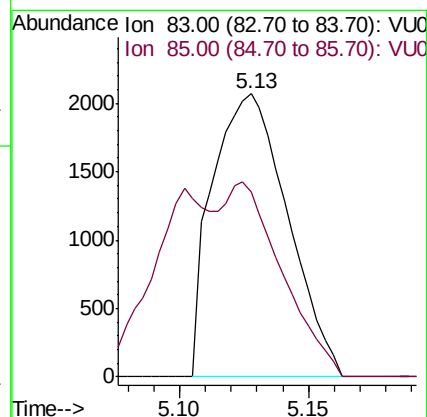
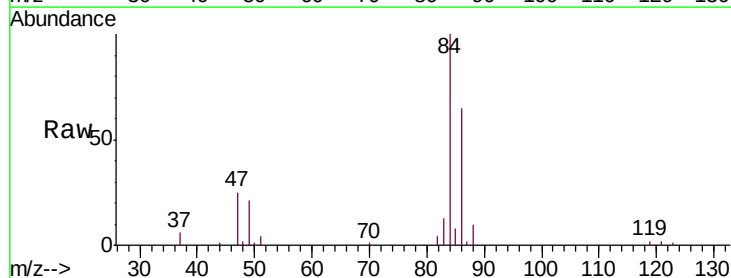
Acq: 27 Feb 2020 14:17

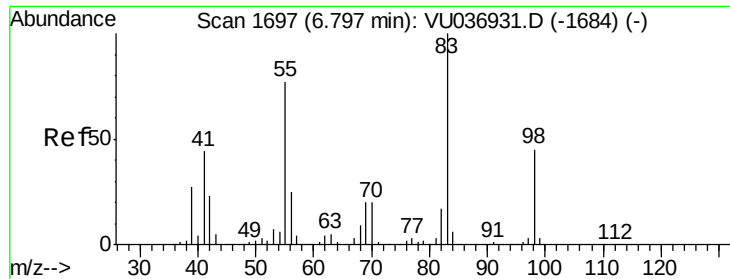
Tgt Ion: 83 Resp: 4194

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.9

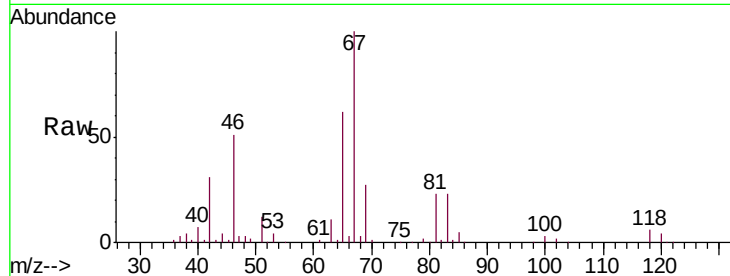




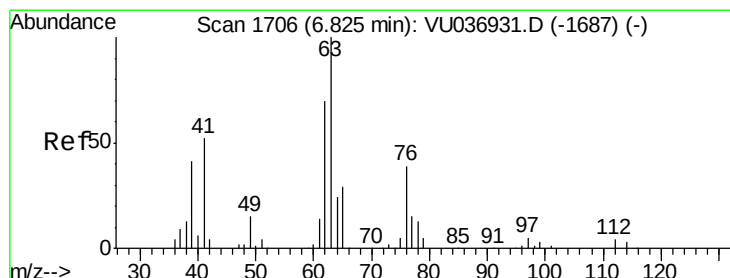
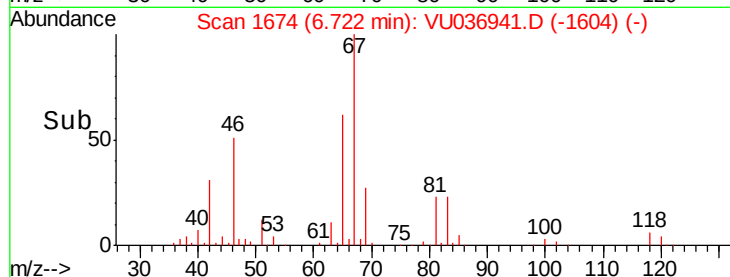
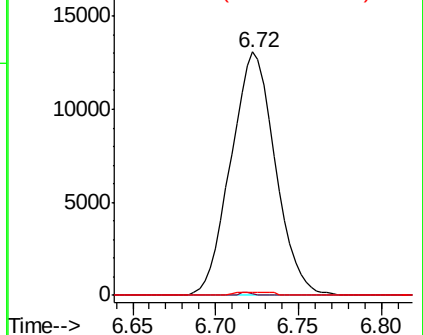
#35
Methylcyclohexane
Concen: 7.193 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036941.D
Acq: 27 Feb 2020 14:17

Instrument :
MSVOA_U
ClientSampleId :
GAW07ME

Tgt Ion: 83 Resp: 24332
Ion Ratio Lower Upper
83 100
55 0.3 62.6 93.8#
98 0.9 35.1 52.7#

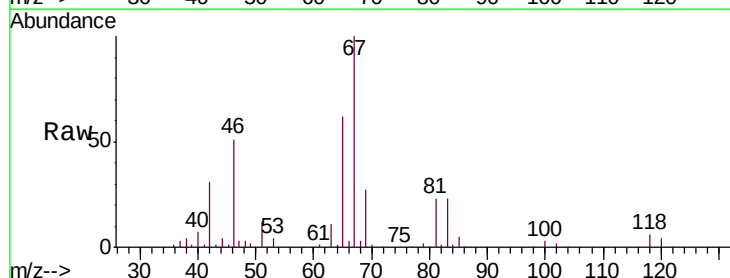


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

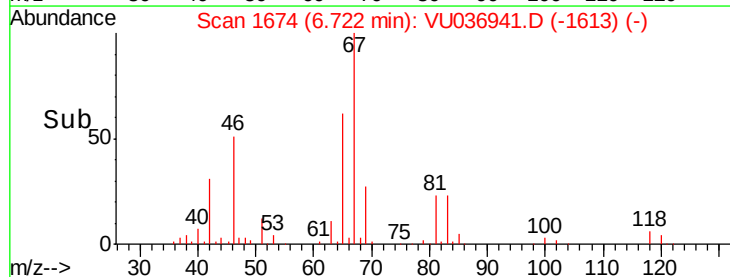
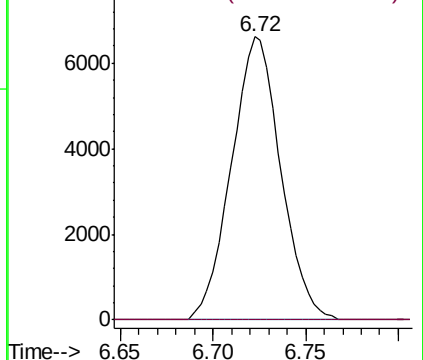


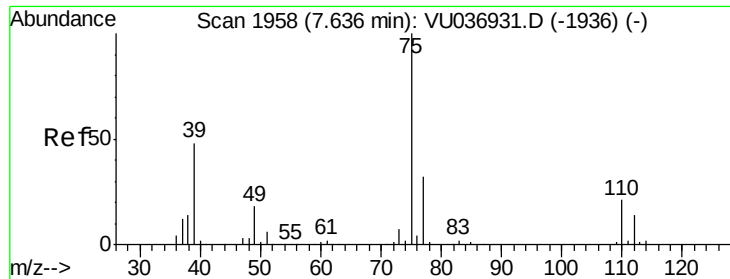
#37
1,2-Dichloropropane
Concen: 5.706 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036941.D
Acq: 27 Feb 2020 14:17

Tgt Ion: 63 Resp: 12195
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

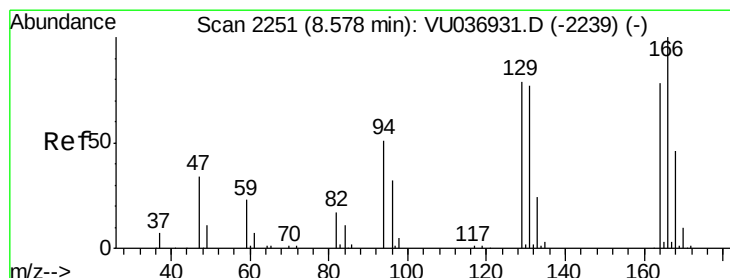
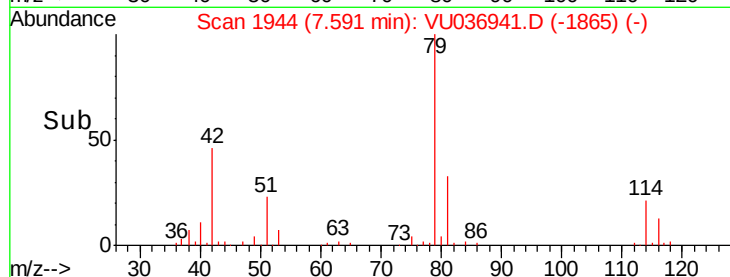
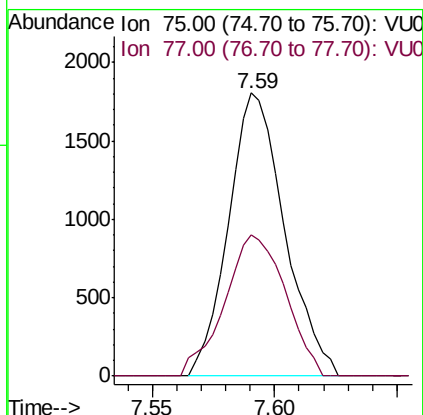
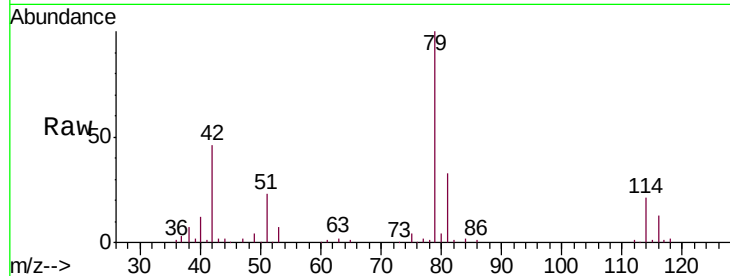




#39
 cis-1,3-Dichloropropene
 Concen: 0.874 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU036941.D
 Acq: 27 Feb 2020 14:17

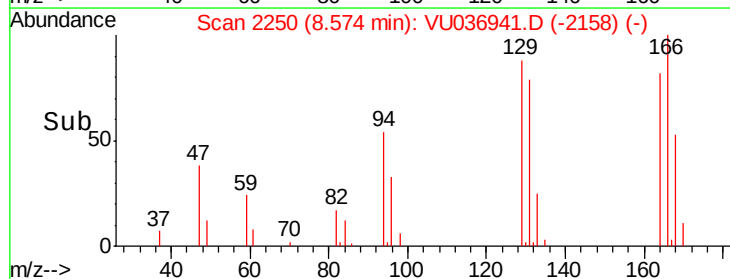
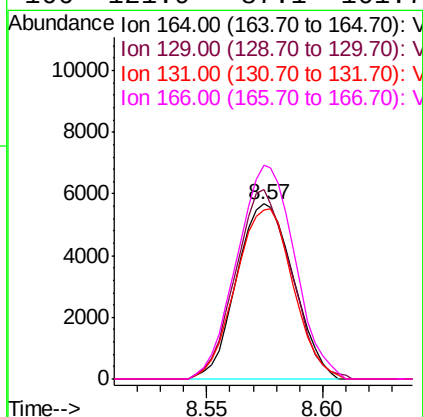
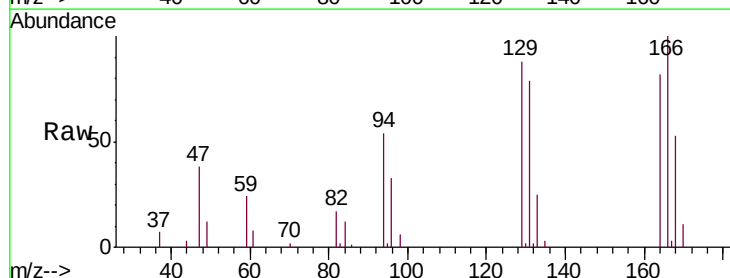
Instrument :
 MSVOA_U
 ClientSampleId :
 GAW07ME

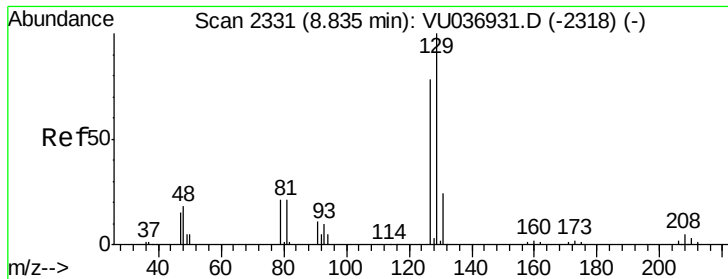
Tgt Ion: 75 Resp: 2878
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 7.515 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036941.D
 Acq: 27 Feb 2020 14:17

Tgt Ion: 164 Resp: 9658
 Ion Ratio Lower Upper
 164 100
 129 107.8 72.0 133.8
 131 96.7 67.9 126.1
 166 121.9 87.1 161.7





#49

Dibromochloromethane

Concen: 5.662 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU036941.D

Acq: 27 Feb 2020 14:17

Instrument :

MSVOA_U

ClientSampleId :

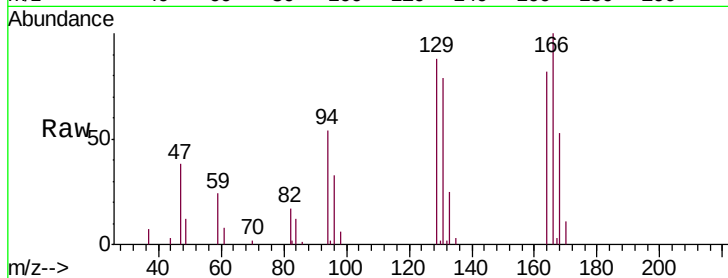
GAW07ME

Tgt Ion:129 Resp: 10214

Ion Ratio Lower Upper

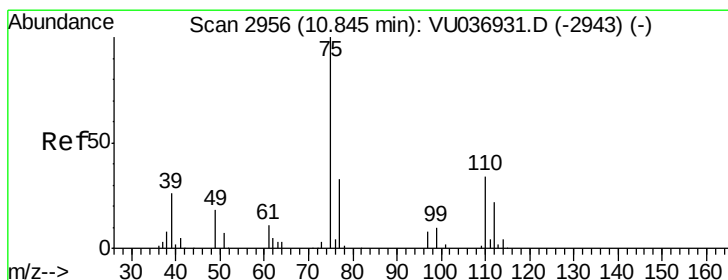
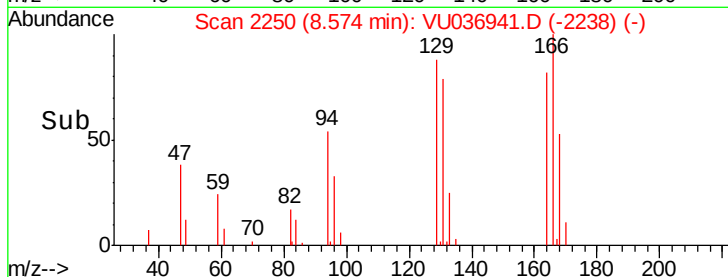
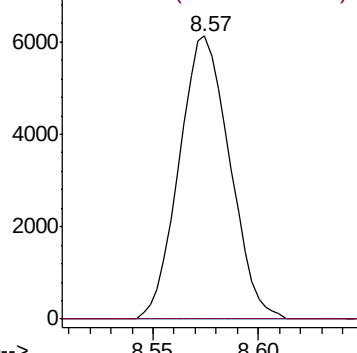
129 100

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: 5.265 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036941.D

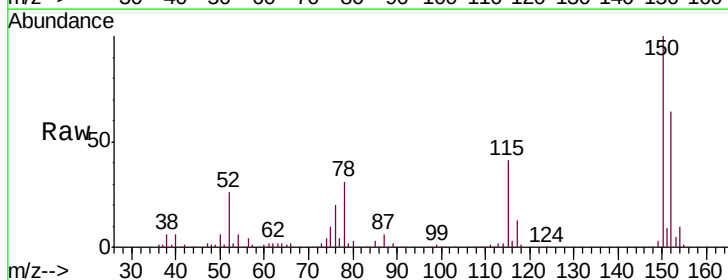
Acq: 27 Feb 2020 14:17

Tgt Ion: 75 Resp: 14475

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

