

Data File : VU036971.D
Acq On : 28 Feb 2020 14:21
Operator : JC/MD
Sample : L1686-03ME
Misc : 4.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW02ME

Quant Time: Feb 29 00:34:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	250027	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	101826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81478	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.62%
7) Chloroethane-d5	1.89	69	29353	16.90	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.80%#
11) 1,1-Dichloroethene-d2	2.57	63	111278	31.65	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	4.67	46	137846	97.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.87%
24) Chloroform-d	5.10	84	141837	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.74	65	106063	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
32) Benzene-d6	5.76	84	327672	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.72	67	108770	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.92	98	300274	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	47450	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.67	63	119105	106.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.87%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	167459	52.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.22%
64) 1,2-Dichlorobenzene-d4	12.21	152	100117	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

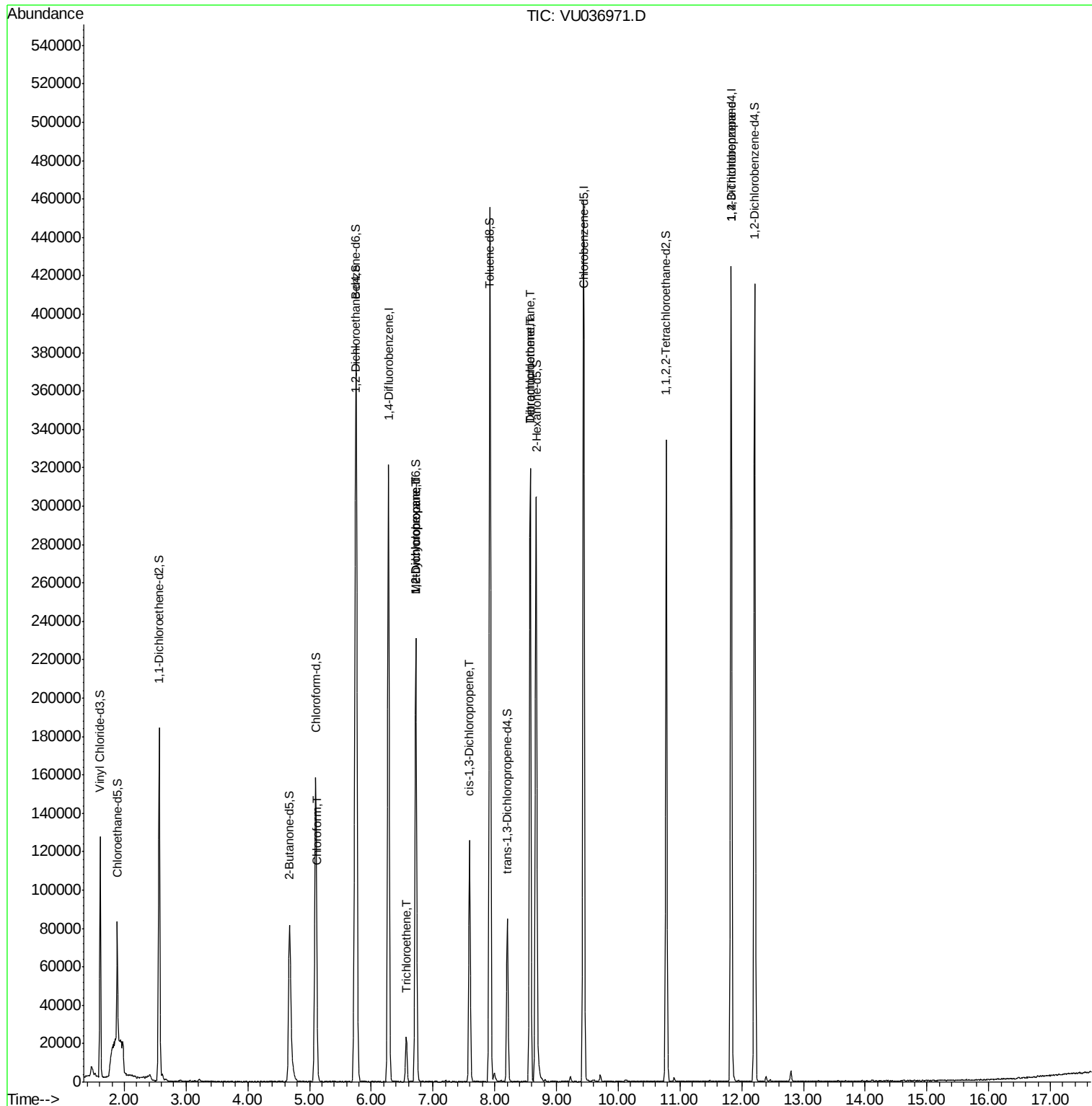
					Qvalue
25) Chloroform	5.12	83	4822	1.483 ug/L	99
34) Trichloroethene	6.57	95	7384	3.909 ug/L	95
35) Methylcyclohexane	6.72	83	23667	7.226 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11708	5.657 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2824	0.886 ug/L #	52
46) Tetrachloroethene	8.57	164	63837	51.296 ug/L	98
49) Dibromochloromethane	8.57	129	66237	37.920 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	15632	5.872 ug/L	95

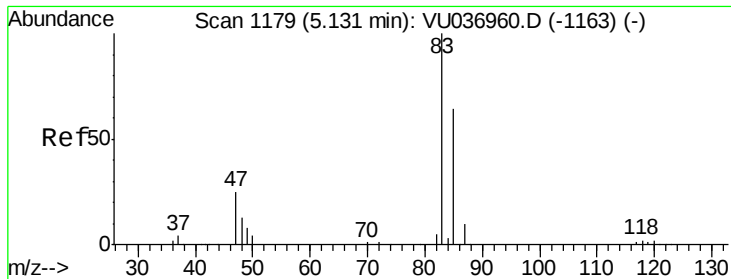
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.483 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.01 min

Lab File: VU036971.D

Acq: 28 Feb 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

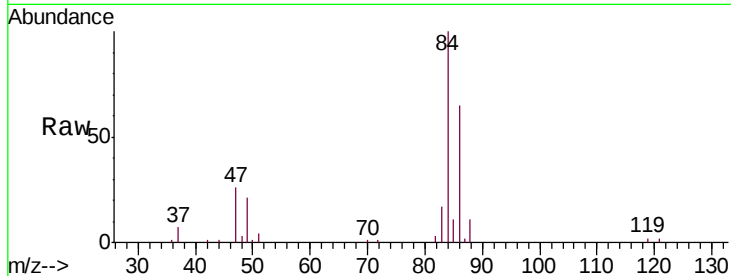
GAW02ME

Tgt Ion: 83 Resp: 4822

Ion Ratio Lower Upper

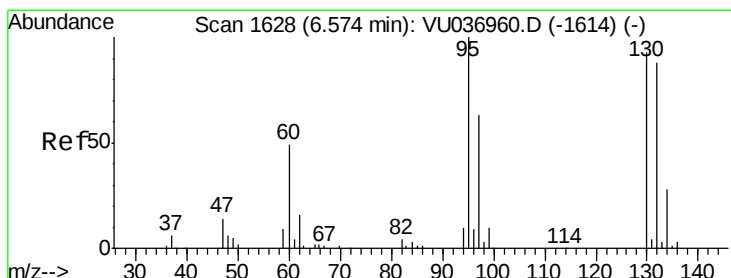
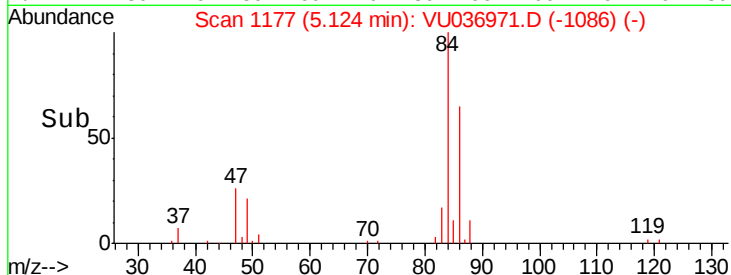
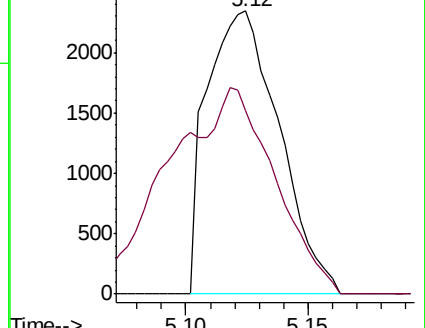
83 100

85 64.9 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036971.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU036971.D (-1163) (-)



#34

Trichloroethene

Concen: 3.909 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VU036971.D

Acq: 28 Feb 2020 14:21

Tgt Ion: 95 Resp: 7384

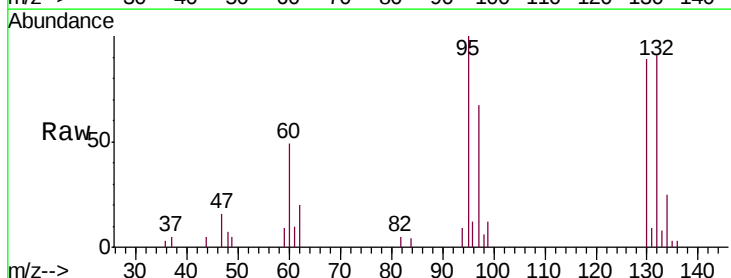
Ion Ratio Lower Upper

95 100

97 67.2 44.1 81.9

132 91.3 60.6 112.6

130 88.8 64.9 120.5

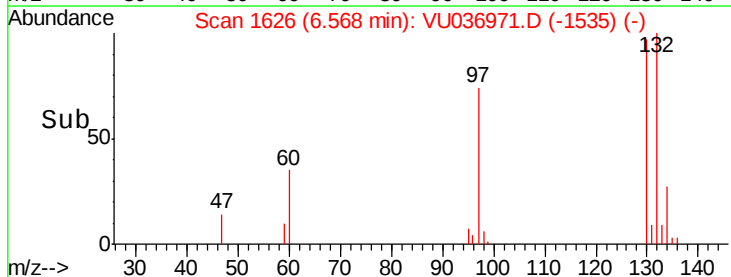
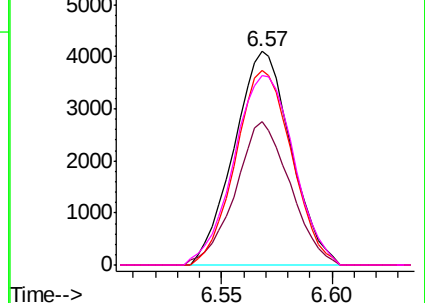


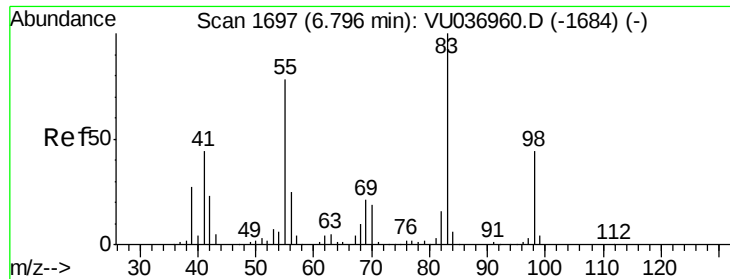
Abundance Ion 95.00 (94.70 to 95.70): VU036971.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU036971.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU036971.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU036971.D (-1614) (-)

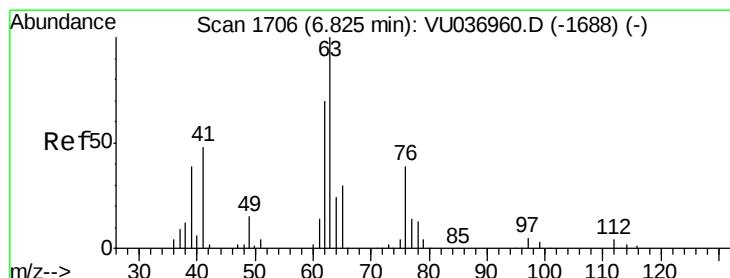
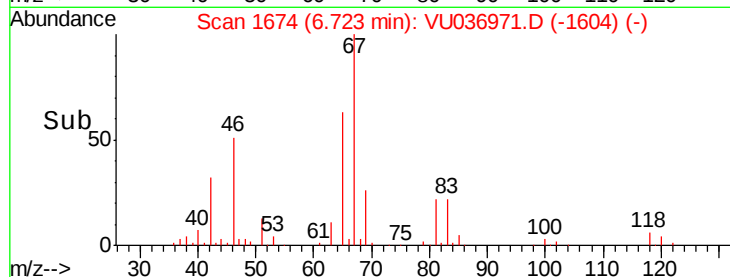
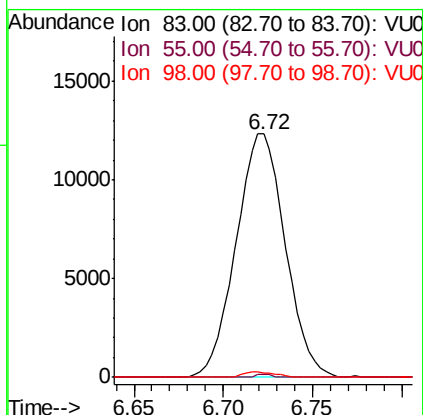
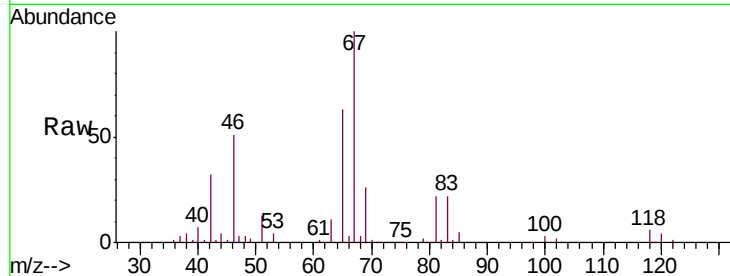




#35
Methylcyclohexane
Concen: 7.226 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036971.D
Acq: 28 Feb 2020 14:21

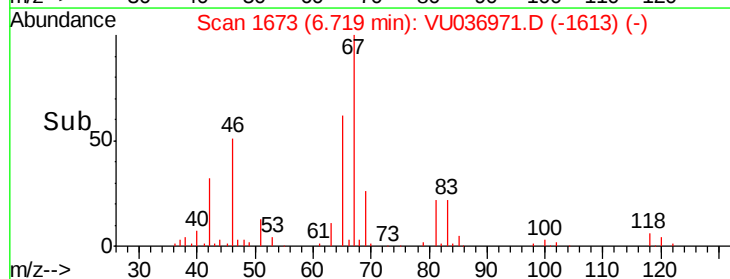
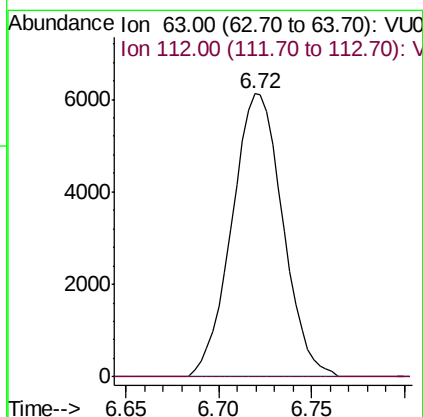
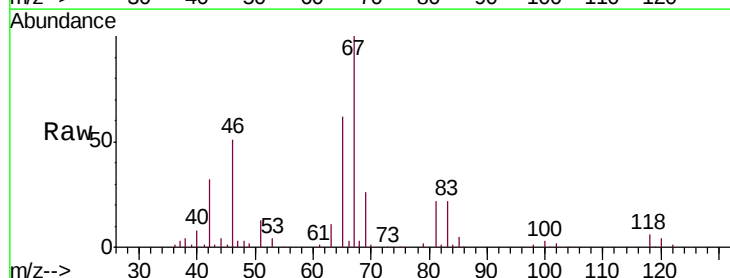
Instrument :
MSVOA_U
ClientSampleId :
GAW02ME

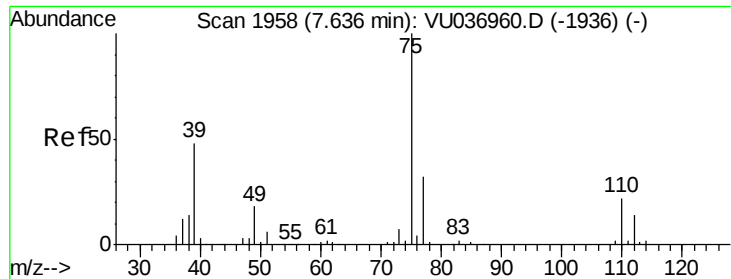
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	93.8#
98	1.5	35.1	52.7#



#37
1,2-Dichloropropane
Concen: 5.657 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.11 min
Lab File: VU036971.D
Acq: 28 Feb 2020 14:21

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

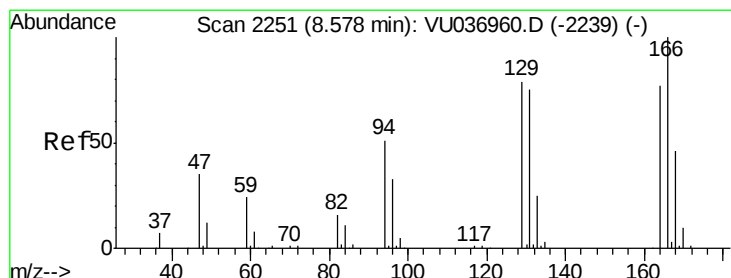
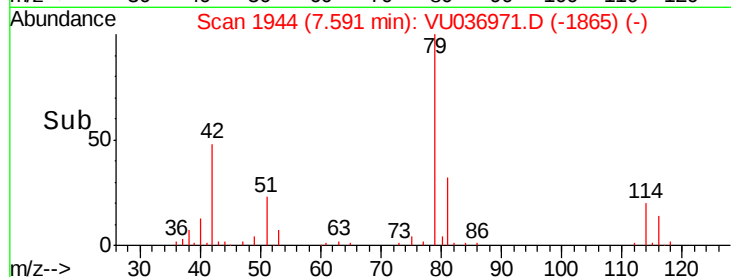
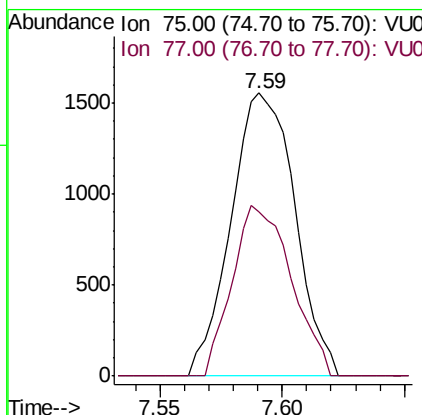
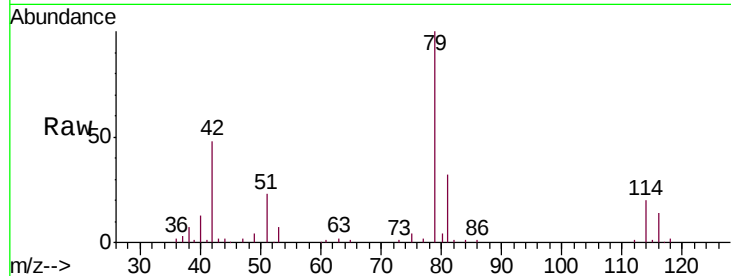




#39
 cis-1,3-Dichloropropene
 Concen: 0.886 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU036971.D
 Acq: 28 Feb 2020 14:21

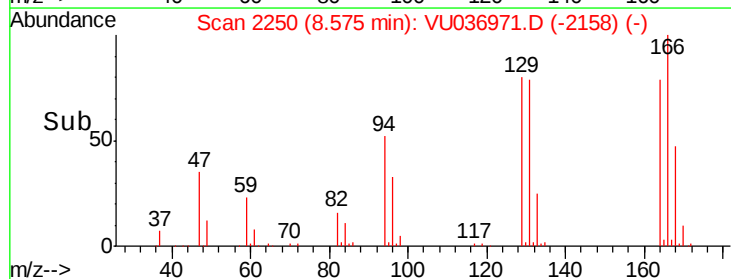
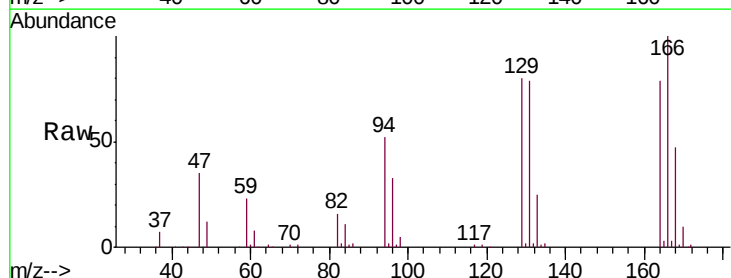
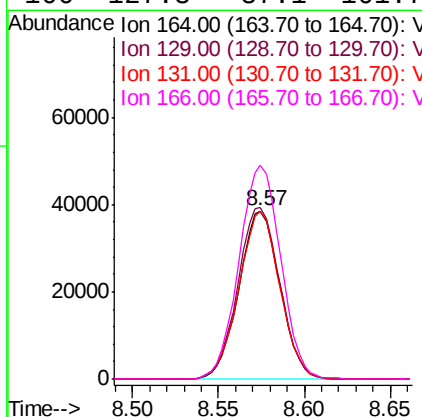
Instrument :
 MSVOA_U
 ClientSampleId :
 GAW02ME

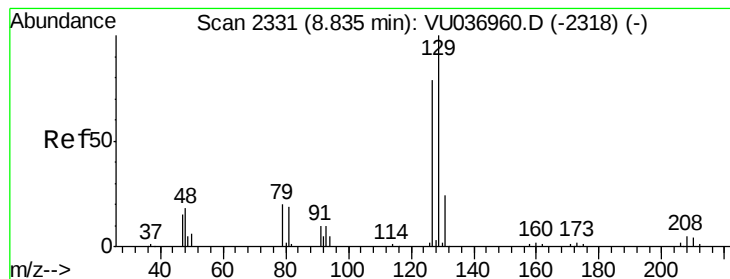
Tgt Ion: 75 Resp: 2824
 Ion Ratio Lower Upper
 75 100
 77 58.2 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 51.296 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036971.D
 Acq: 28 Feb 2020 14:21

Tgt Ion: 164 Resp: 63837
 Ion Ratio Lower Upper
 164 100
 129 102.3 72.0 133.8
 131 100.2 67.9 126.1
 166 127.3 87.1 161.7





#49

Dibromochloromethane

Concen: 37.920 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU036971.D

Acq: 28 Feb 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

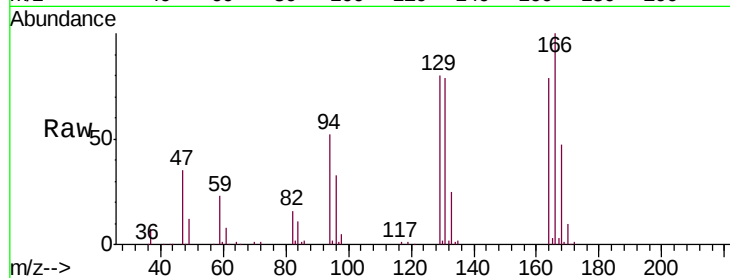
GAW02ME

Tgt Ion:129 Resp: 66237

Ion Ratio Lower Upper

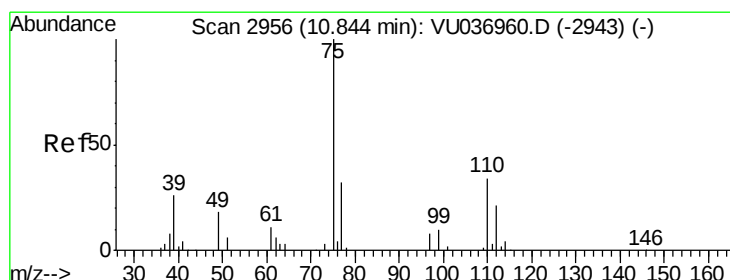
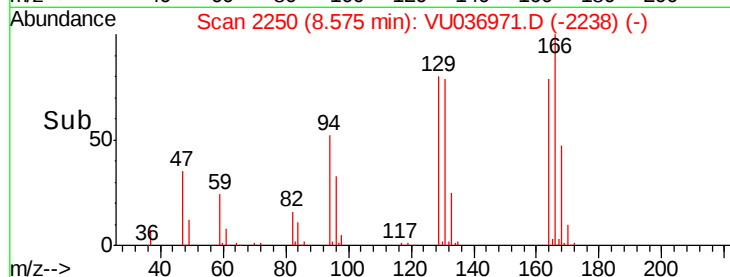
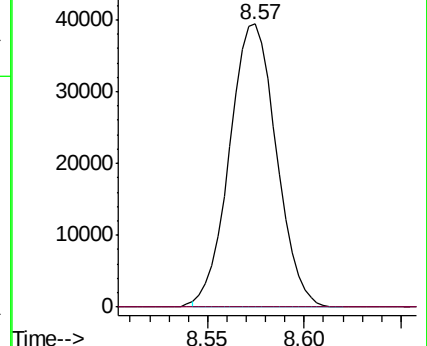
129 100

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: 5.872 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036971.D

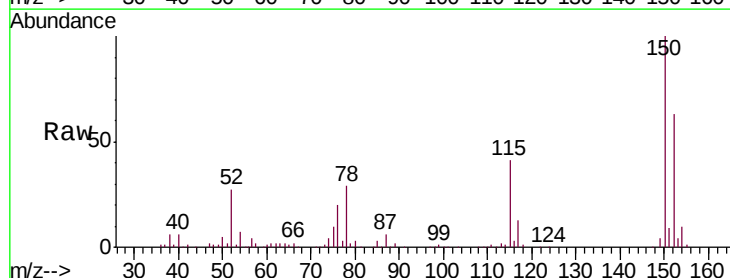
Acq: 28 Feb 2020 14:21

Tgt Ion: 75 Resp: 15632

Ion Ratio Lower Upper

75 100

77 35.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

