

Data File : VU036936.D
Acq On : 27 Feb 2020 12:23
Operator : JC/MD
Sample : L1686-02ME
Misc : 7.87g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW01ME

Quant Time: Feb 27 22:02:56 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	258692	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66379	30.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.12%
7) Chloroethane-d5	1.89	69	23679	13.17	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	26.34%#
11) 1,1-Dichloroethene-d2	2.56	63	91739	25.22	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.44%#
21) 2-Butanone-d5	4.68	46	113301	77.75	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.75%
24) Chloroform-d	5.10	84	122879	37.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.08%
26) 1,2-Dichloroethane-d4	5.74	65	88924	39.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.22%
32) Benzene-d6	5.75	84	278571	38.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.84%
36) 1,2-Dichloropropane-d6	6.72	67	92829	39.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.04%
41) Toluene-d8	7.92	98	249083	37.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.06%#
43) trans-1,3-Dichloropropene-	8.20	79	39847	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.02%
47) 2-Hexanone-d5	8.67	63	99448	86.59	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.59%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	141551	42.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.50%
64) 1,2-Dichlorobenzene-d4	12.21	152	84086	40.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.88%

Target Compounds

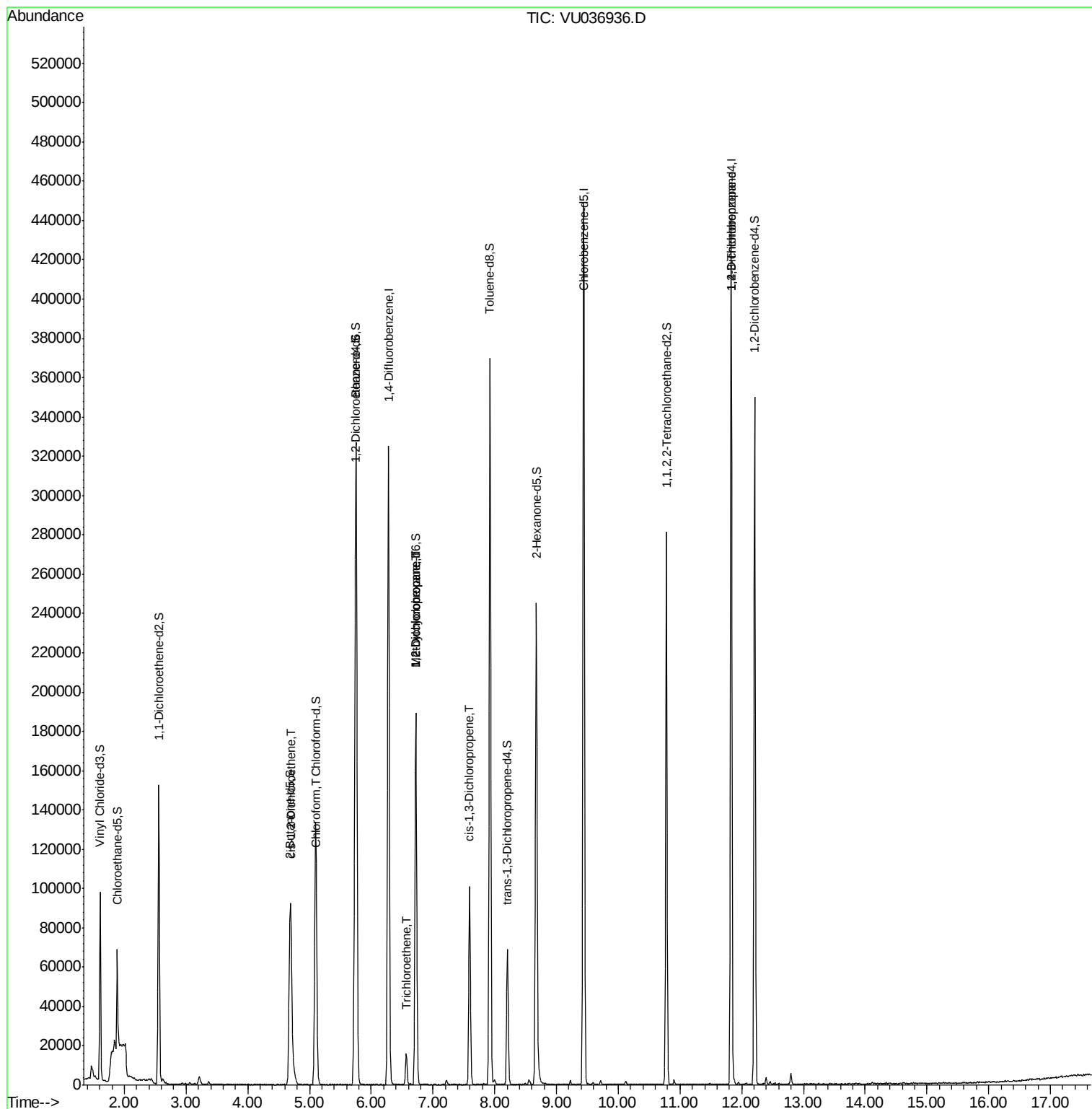
						Qvalue
20) cis-1,2-Dichloroethene	4.70	96	23028	11.474	ug/L	97
25) Chloroform	5.12	83	3179	0.945	ug/L	88
34) Trichloroethene	6.57	95	5166	2.654	ug/L	95
35) Methylcyclohexane	6.72	83	20591	6.101	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	9691	4.544	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2582	0.786	ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	15837	5.773	ug/L	92

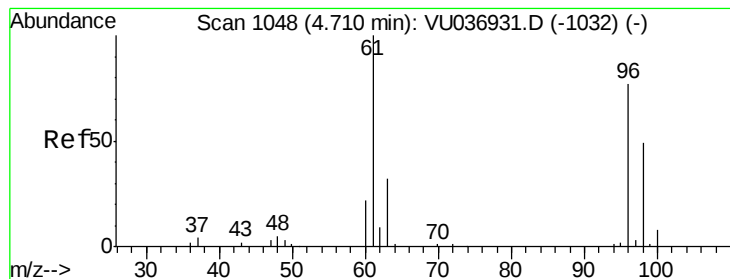
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 11.474 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

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GAW01ME

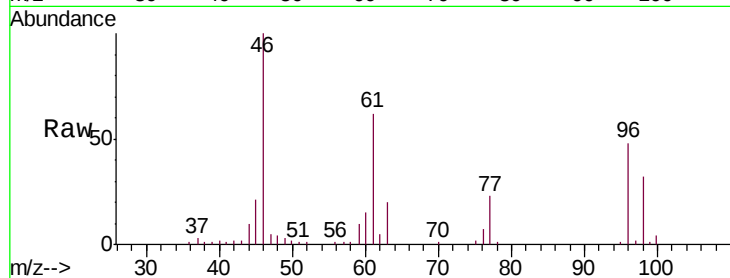
Tgt Ion: 96 Resp: 23028

Ion Ratio Lower Upper

96 100

61 129.5 93.1 172.9

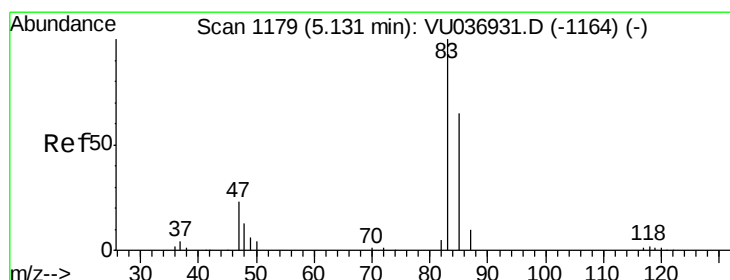
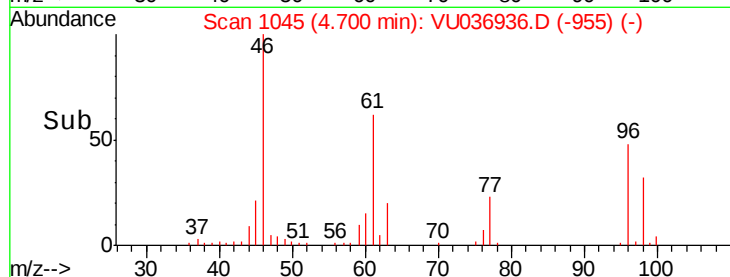
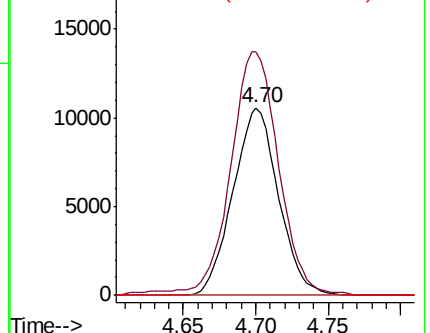
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036936.D (-1032) (-)

Ion 61.00 (60.70 to 61.70): VU036936.D (-1032) (-)

Ion 68.00 (67.70 to 68.70): VU036936.D (-1032) (-)



#25

Chloroform

Concen: 0.945 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU036936.D

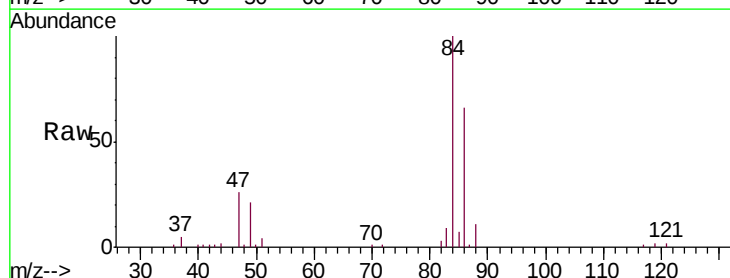
Acq: 27 Feb 2020 12:23

Tgt Ion: 83 Resp: 3179

Ion Ratio Lower Upper

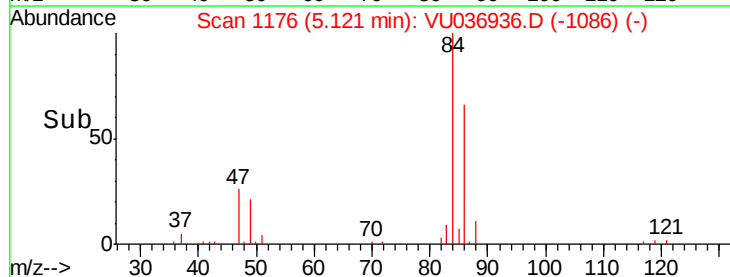
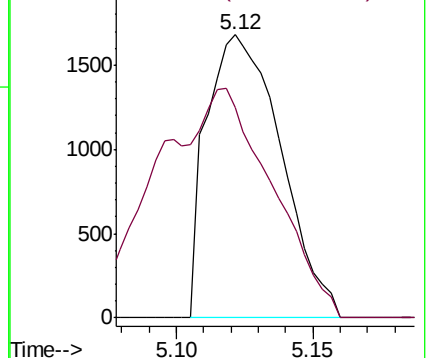
83 100

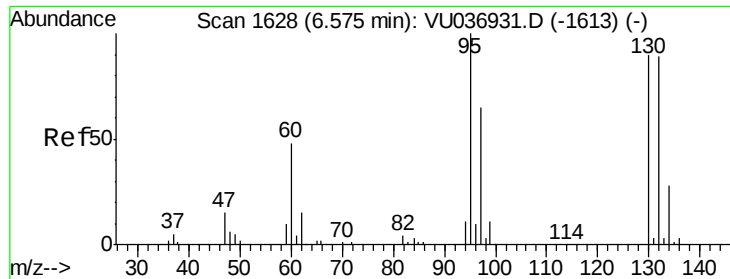
85 74.2 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036936.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036936.D (-1086) (-)

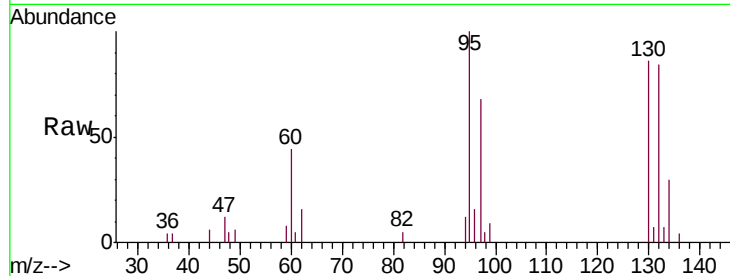




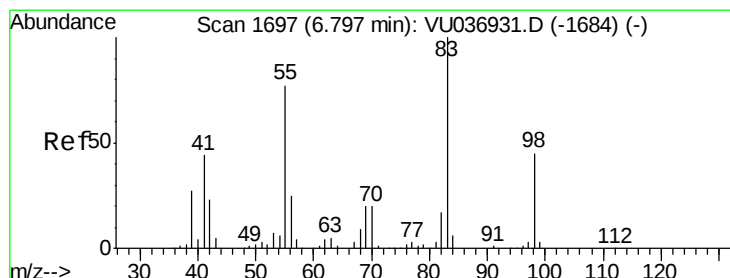
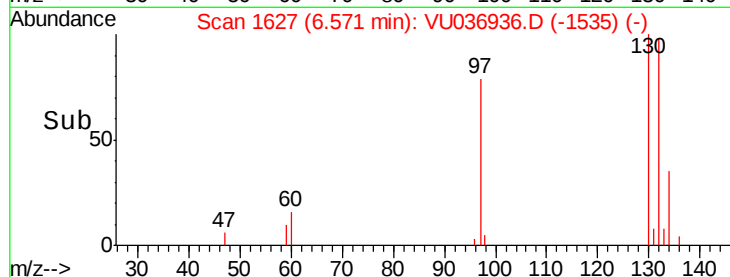
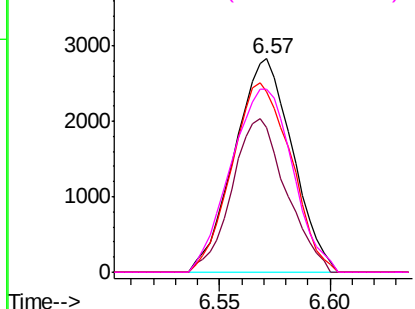
#34
 Trichloroethene
 Concen: 2.654 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU036936.D
 Acq: 27 Feb 2020 12:23

Instrument :
 MSVOA_U
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 GAW01ME

Tgt Ion: 95 Resp: 5166
 Ion Ratio Lower Upper
 95 100
 97 67.5 44.1 81.9
 132 84.5 60.6 112.6
 130 85.9 64.9 120.5

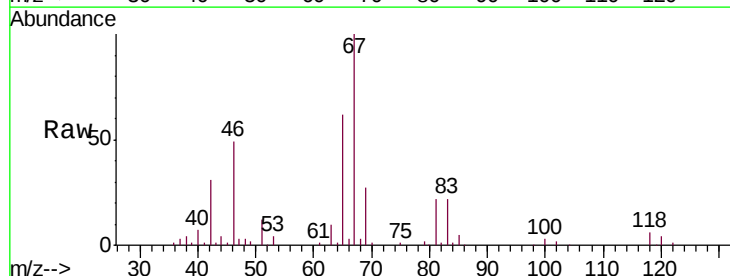


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

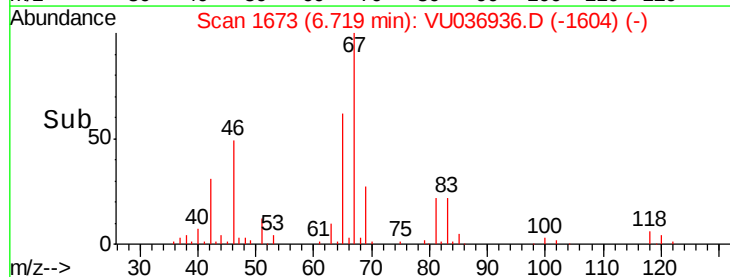
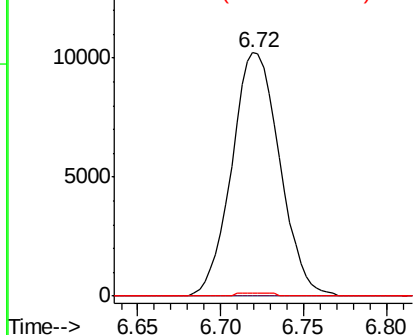


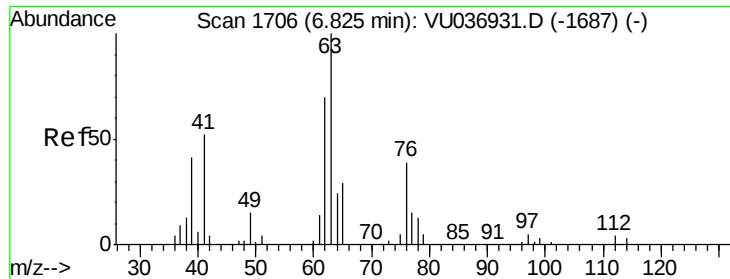
#35
 Methylcyclohexane
 Concen: 6.101 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.08 min
 Lab File: VU036936.D
 Acq: 27 Feb 2020 12:23

Tgt Ion: 83 Resp: 20591
 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

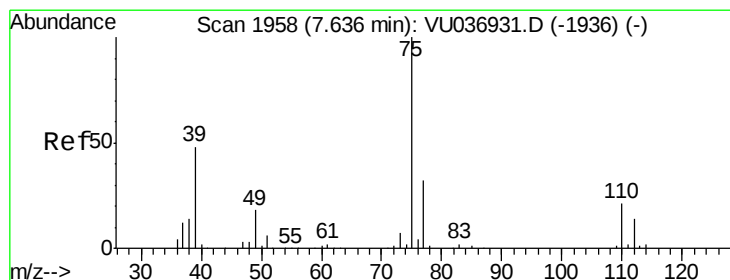
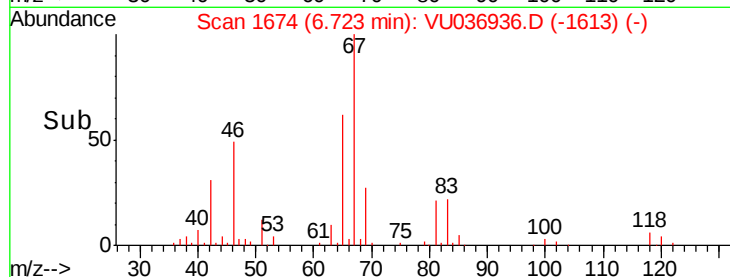
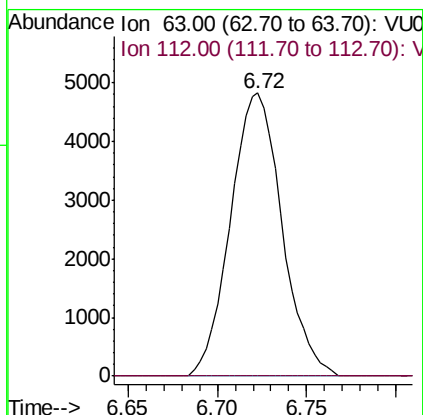
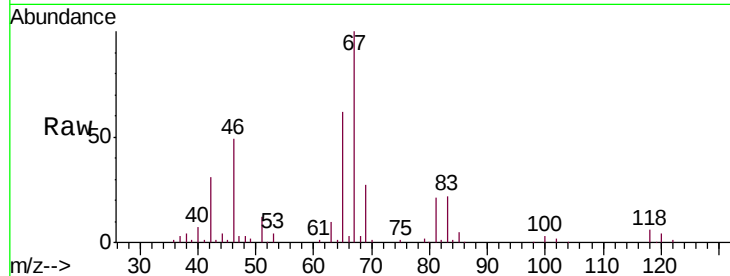




#37
 1,2-Dichloropropane
 Concen: 4.544 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036936.D
 Acq: 27 Feb 2020 12:23

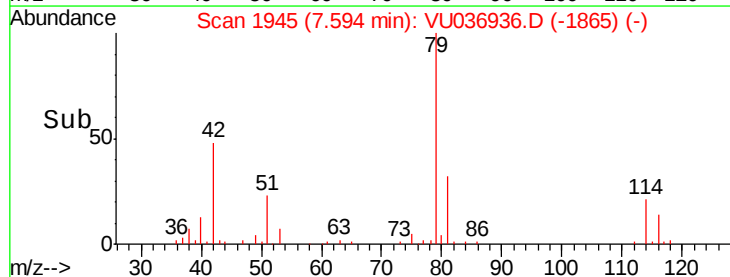
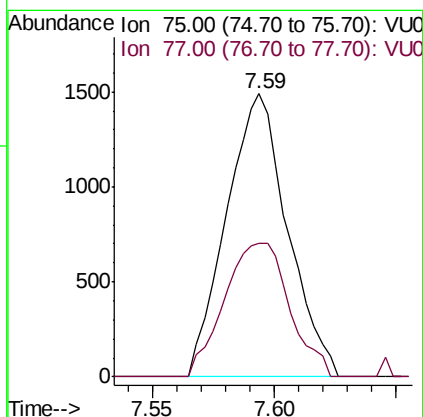
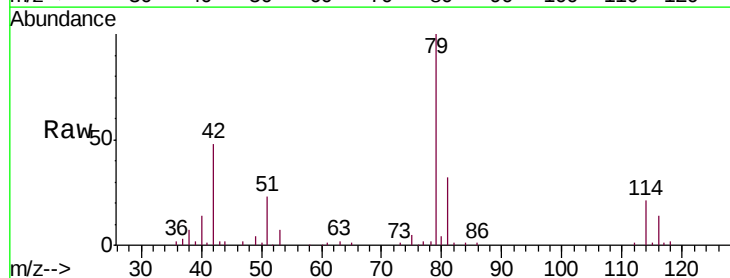
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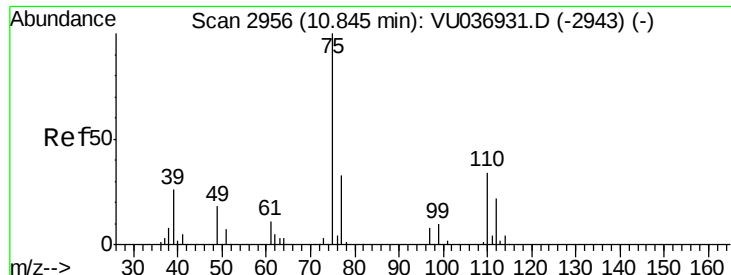
Tgt Ion: 63 Resp: 9691
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.786 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036936.D
 Acq: 27 Feb 2020 12:23

Tgt Ion: 75 Resp: 2582
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.773 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036936.D

Acq: 27 Feb 2020 12:23

Instrument :

MSVOA_U

ClientSampleId :

GAW01ME

Tgt Ion: 75 Resp: 15837

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

