

Data File : VU036980.D
Acq On : 28 Feb 2020 18:09
Operator : JC/MD
Sample : L1729-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT9

Quant Time: Feb 29 00:36:08 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	249366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87290	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83533	39.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.78%
7) Chloroethane-d5	1.93	69	77099	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	111364	31.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.52%
21) 2-Butanone-d5	4.67	46	148357	105.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.11	84	150684	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
26) 1,2-Dichloroethane-d4	5.74	65	105436	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.76	84	328125	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
36) 1,2-Dichloropropane-d6	6.72	67	108512	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.92	98	299653	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	8.20	79	45691	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.66	63	108185	101.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153684	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	90456	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%

Target Compounds

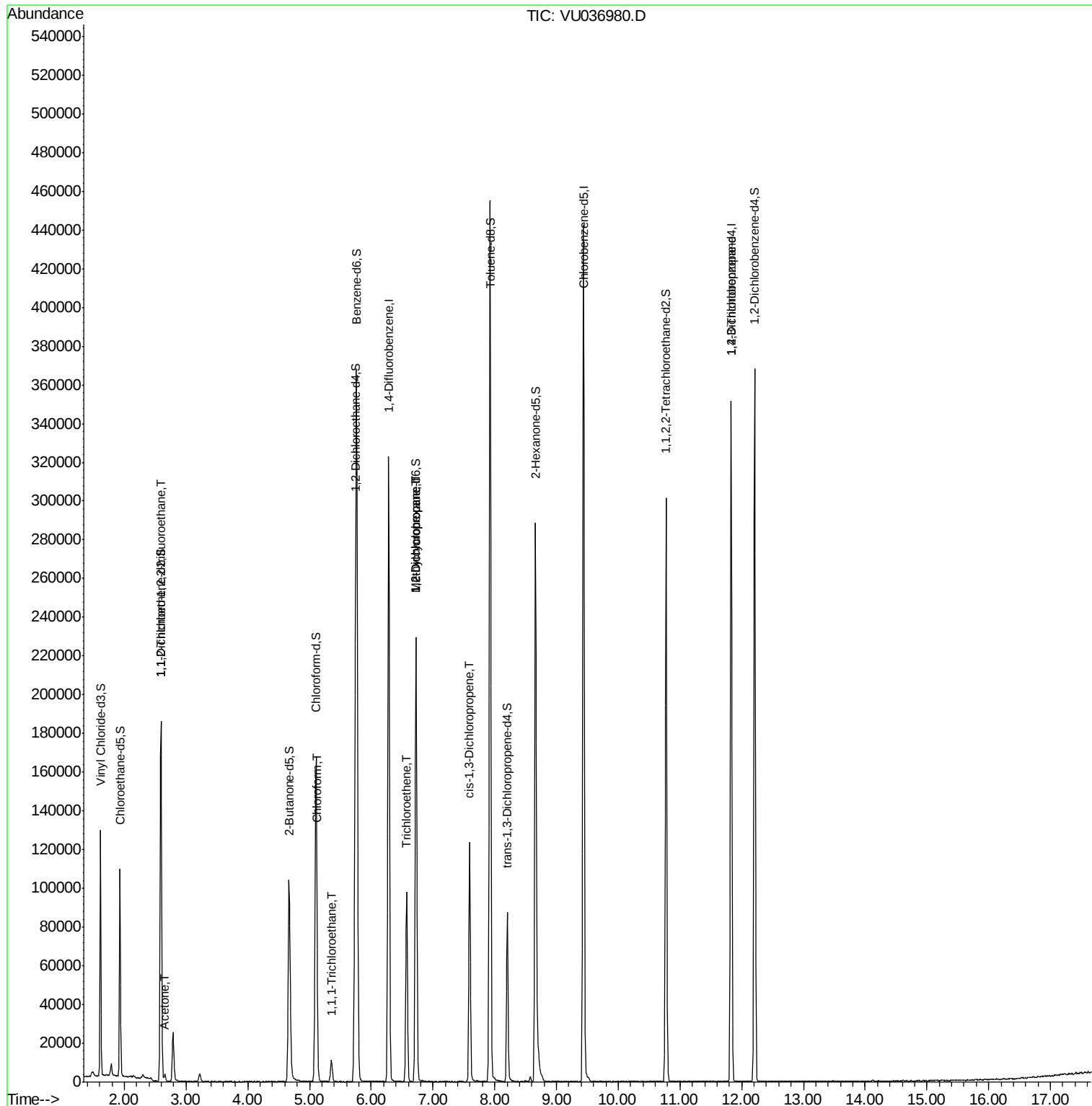
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1429	0.897 ug/L #	30
13) Acetone	2.66	43	3691	2.555 ug/L	98
25) Chloroform	5.13	83	3132	0.965 ug/L	91
30) 1,1,1-Trichloroethane	5.36	97	7880	3.144 ug/L	99
34) Trichloroethene	6.57	95	32191	17.737 ug/L	97
35) Methylcyclohexane	6.72	83	24280	7.716 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11406	5.737 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2987	0.975 ug/L #	54
59) 1,2,3-Trichloropropane	11.83	75	13355	5.221 ug/L	97

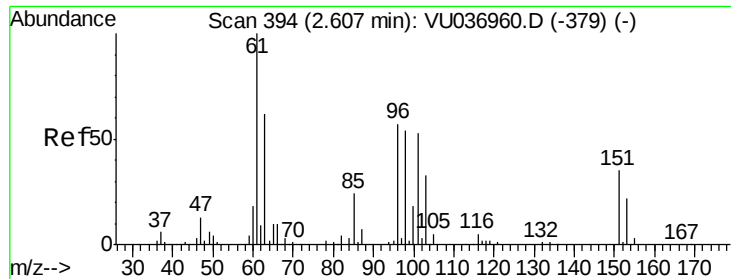
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.897 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036980.D

Acq: 28 Feb 2020 18:09

Instrument :

MSVOA_U

ClientSampled :

C0AT9

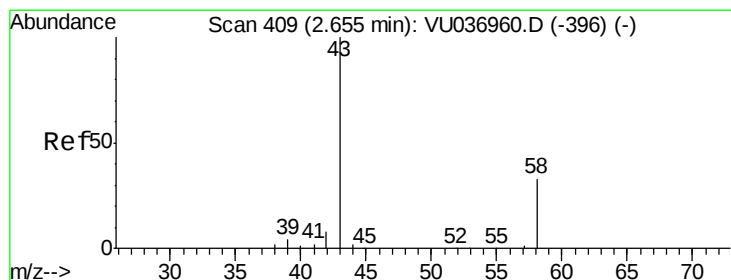
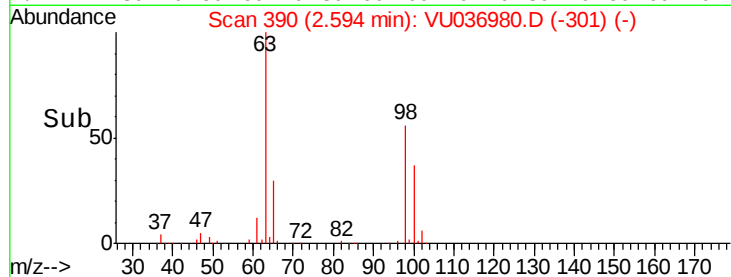
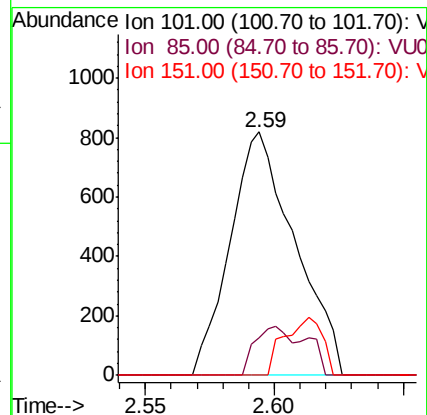
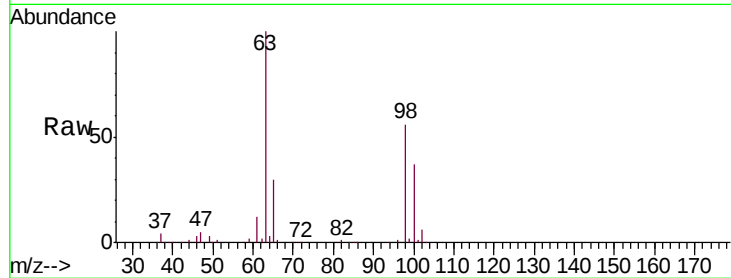
Tgt Ion:101 Resp: 1429

Ion Ratio Lower Upper

101 100

85 10.9 36.4 54.6#

151 0.0 52.4 78.6#



#13

Acetone

Concen: 2.555 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036980.D

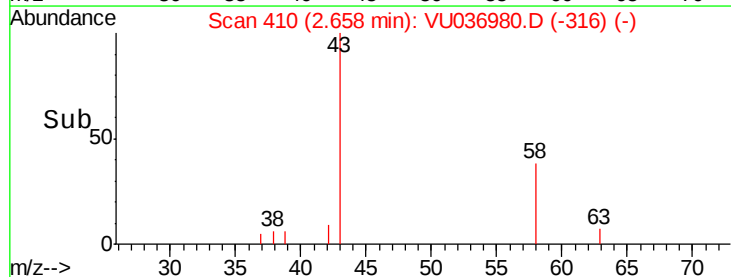
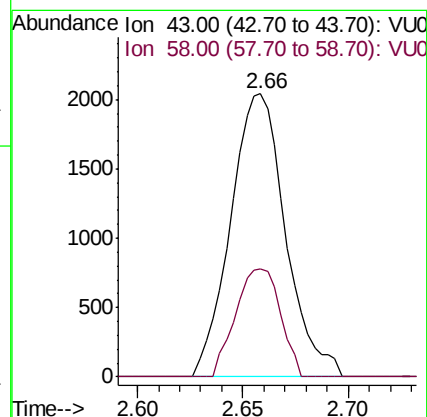
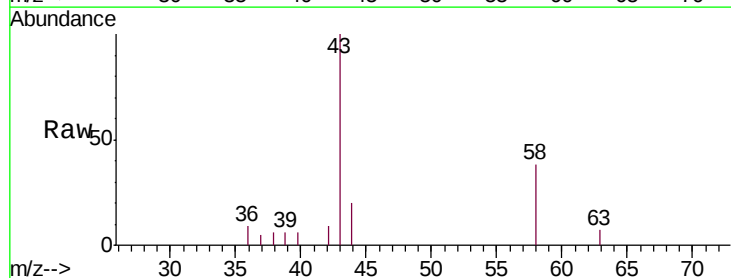
Acq: 28 Feb 2020 18:09

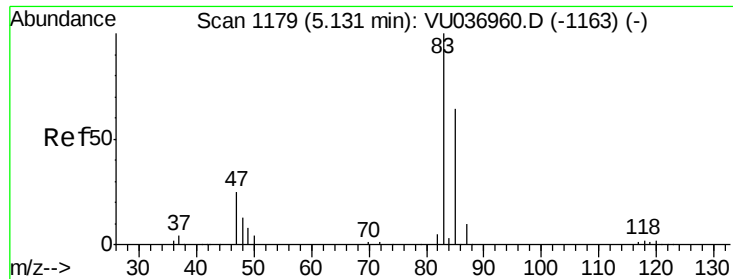
Tgt Ion: 43 Resp: 3691

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.6

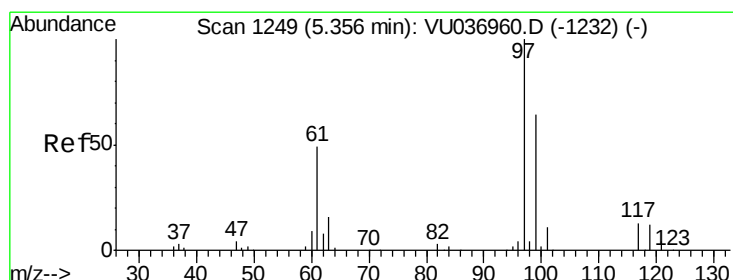
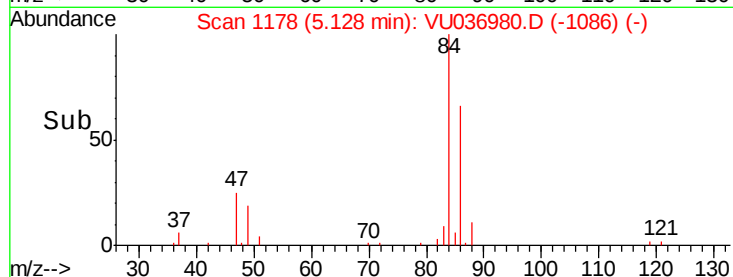
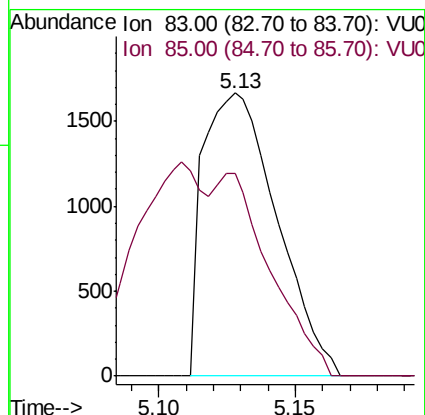
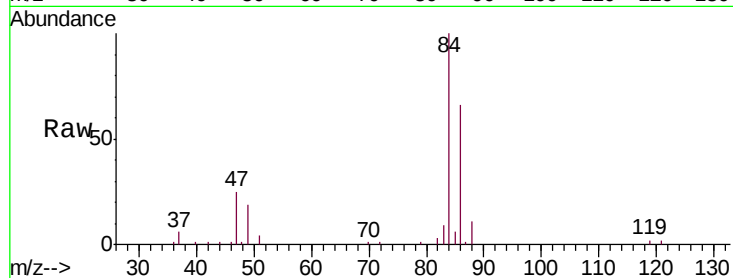




#25
Chloroform
Concen: 0.965 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036980.D
Acq: 28 Feb 2020 18:09

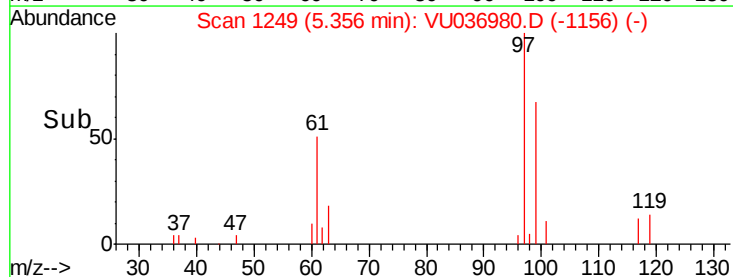
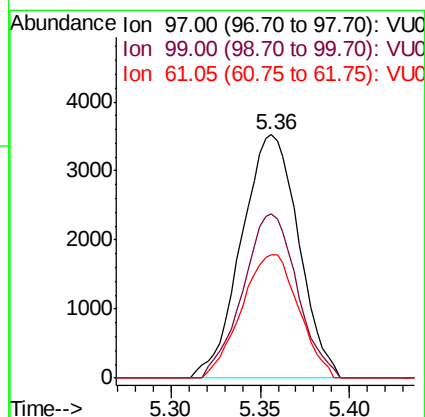
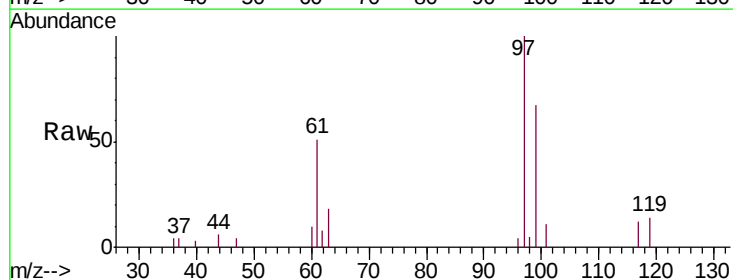
Instrument :
MSVOA_U
ClientSampleId :
C0AT9

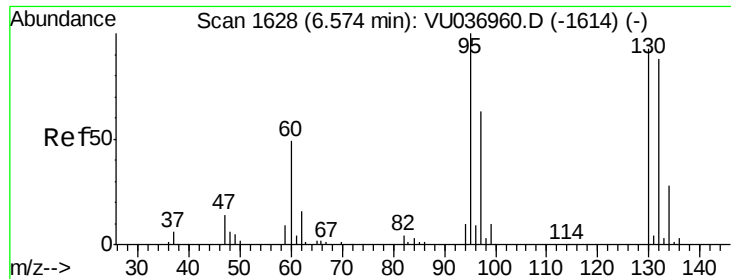
Tgt Ion: 83 Resp: 3132
Ion Ratio Lower Upper
83 100
85 71.4 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 3.144 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU036980.D
Acq: 28 Feb 2020 18:09

Tgt Ion: 97 Resp: 7880
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 50.5 40.3 60.5

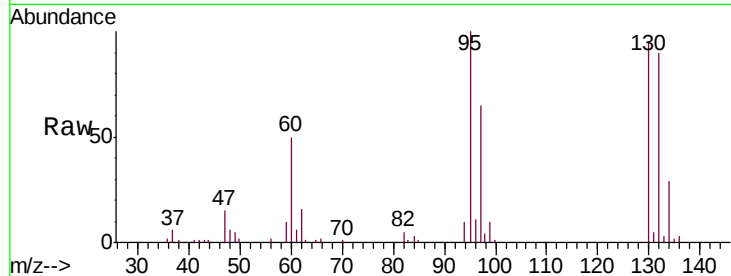




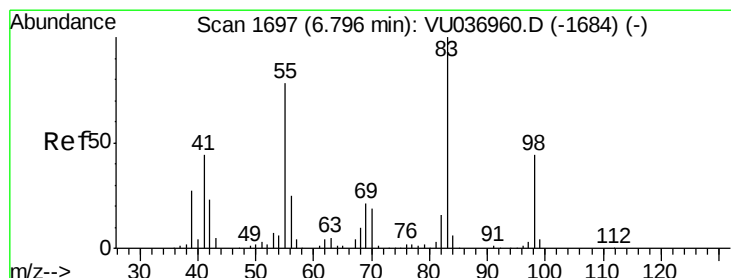
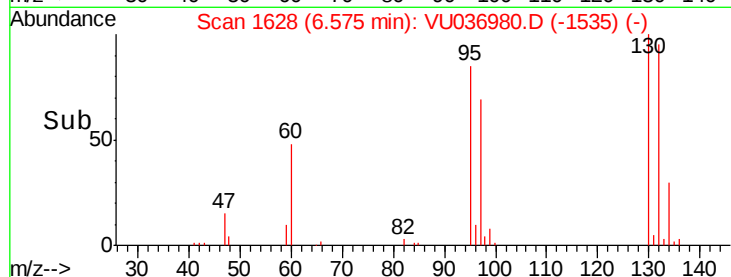
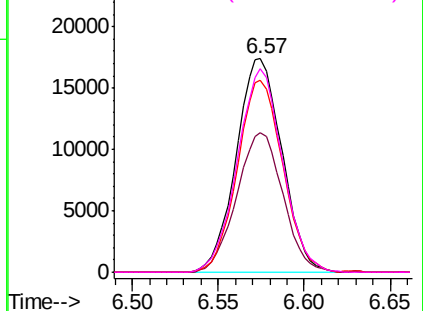
#34
 Trichloroethene
 Concen: 17.737 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU036980.D
 Acq: 28 Feb 2020 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT9

Tgt Ion: 95 Resp: 32191
 Ion Ratio Lower Upper
 95 100
 97 65.5 44.1 81.9
 132 89.8 60.6 112.6
 130 95.0 64.9 120.5

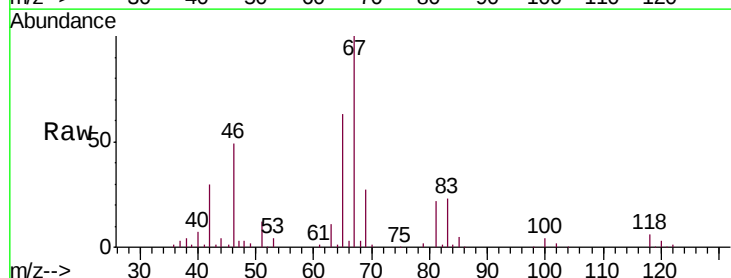


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

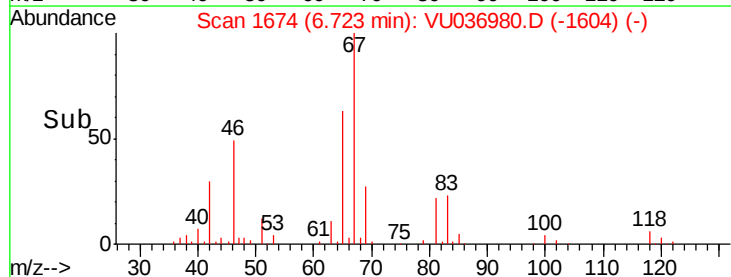
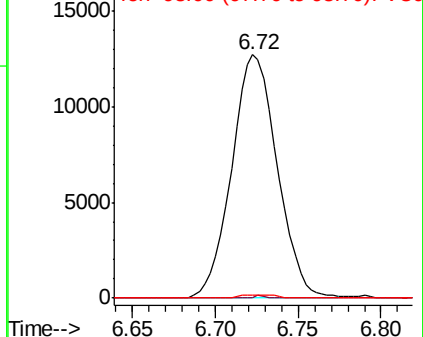


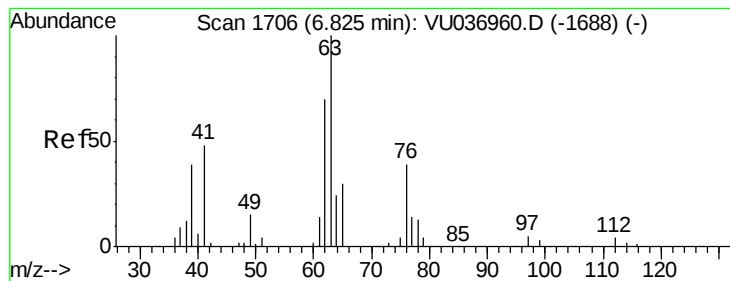
#35
 Methylcyclohexane
 Concen: 7.716 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU036980.D
 Acq: 28 Feb 2020 18:09

Tgt Ion: 83 Resp: 24280
 Ion Ratio Lower Upper
 83 100
 55 0.2 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: 5.737 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036980.D

Acq: 28 Feb 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

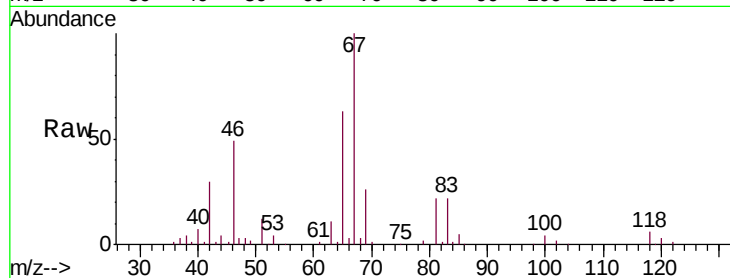
C0AT9

Tgt Ion: 63 Resp: 11406

Ion Ratio Lower Upper

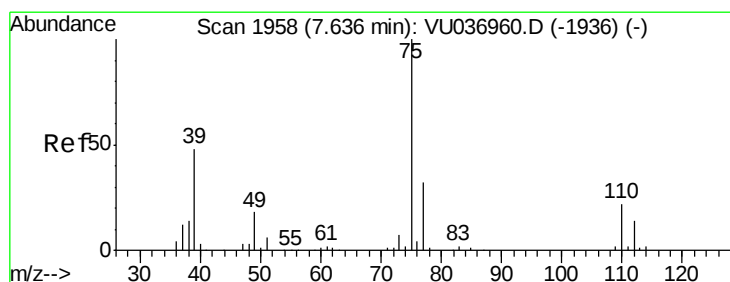
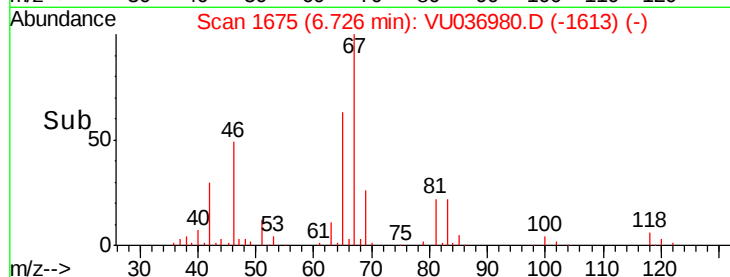
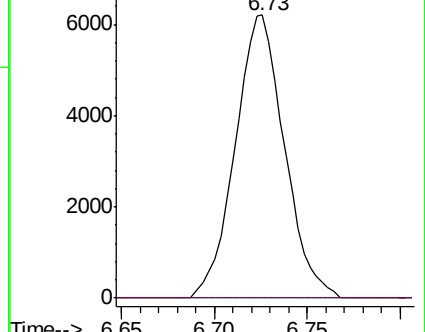
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036980.D (-1675) (-)

Ion 112.00 (111.70 to 112.70): VU036980.D (-1675) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.975 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036980.D

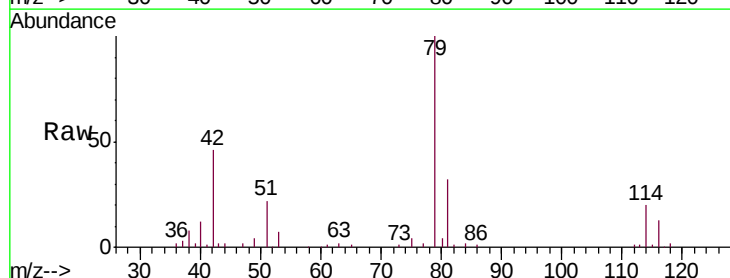
Acq: 28 Feb 2020 18:09

Tgt Ion: 75 Resp: 2987

Ion Ratio Lower Upper

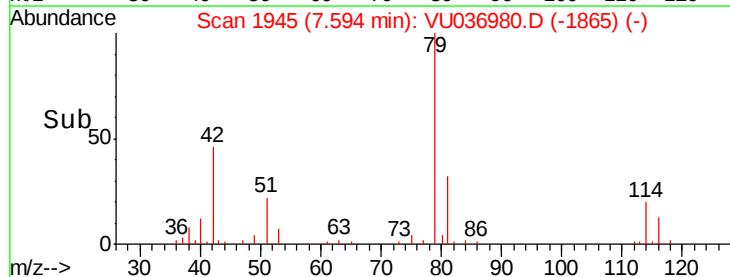
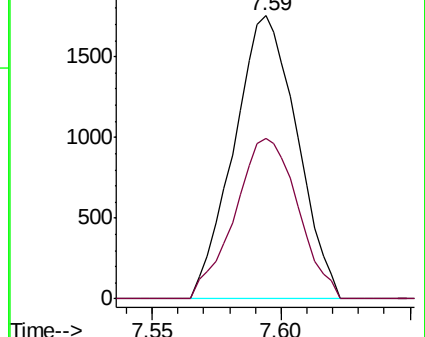
75 100

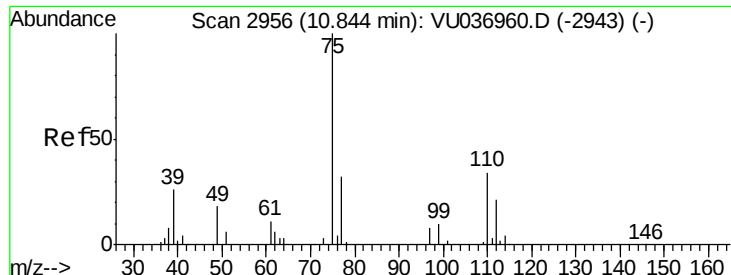
77 56.9 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036980.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU036980.D (-1865) (-)





#59
 1,2,3-Trichloropropane
 Concen: 5.221 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036980.D
 Acq: 28 Feb 2020 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT9

Tgt Ion: 75 Resp: 13355
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.2 39.2

