

Data File : VU036927.D
Acq On : 26 Feb 2020 19:51
Operator : JC/MD
Sample : L1687-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

Quant Time: Feb 27 04:52:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246616	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233599	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86655	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.93	69	81100	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.66%
11) 1,1-Dichloroethene-d2	2.59	63	115232	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	4.67	46	148158	106.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.65%
24) Chloroform-d	5.11	84	153168	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
26) 1,2-Dichloroethane-d4	5.74	65	105871	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
32) Benzene-d6	5.76	84	330886	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
36) 1,2-Dichloropropane-d6	6.73	67	109518	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.08%
41) Toluene-d8	7.92	98	296548	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	8.20	79	45531	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.66	63	109069	101.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152957	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	12.21	152	89506	52.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.24%

Target Compounds

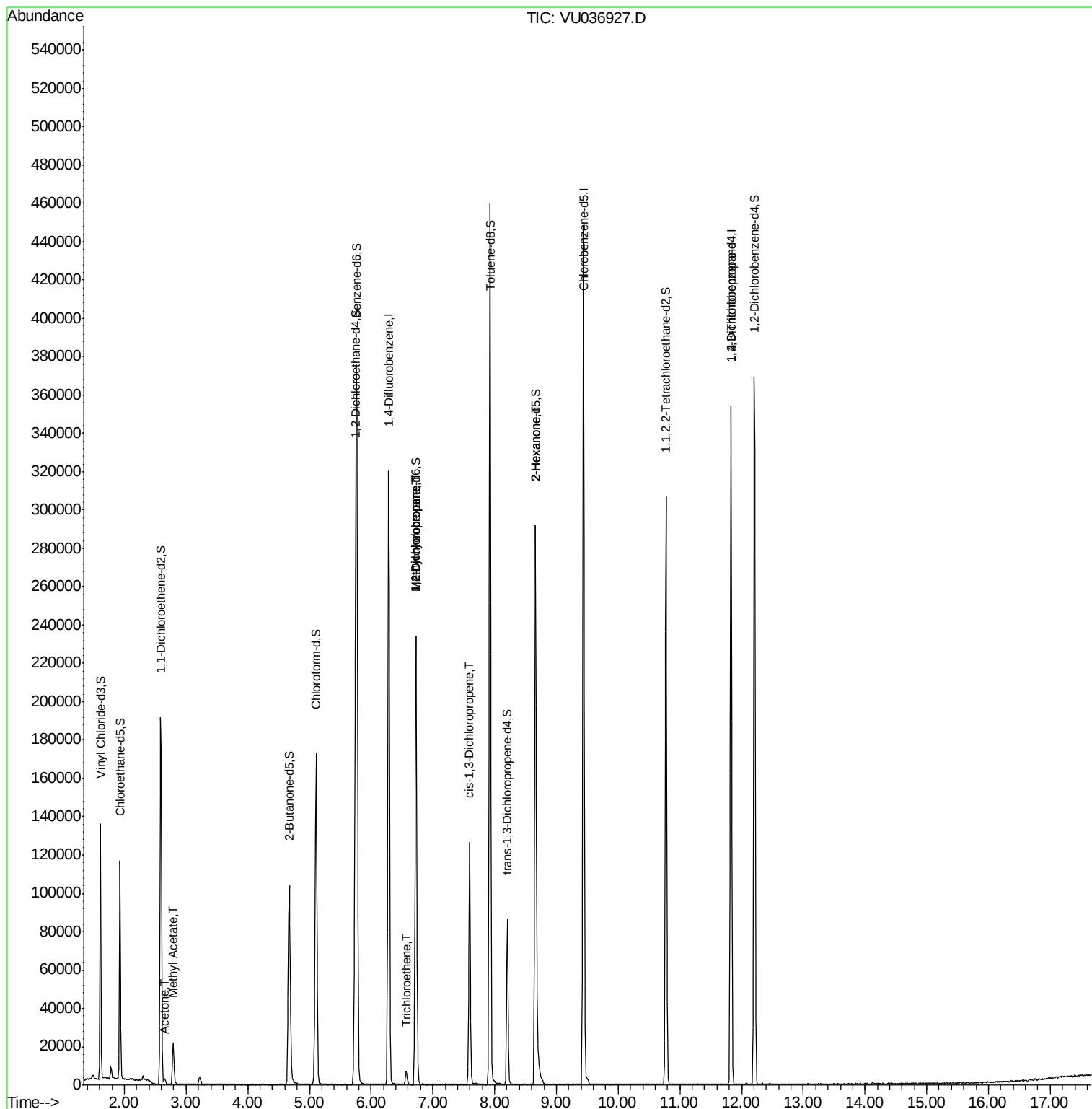
					Qvalue
13) Acetone	2.66	43	2942	2.059 ug/L	100
15) Methyl Acetate	2.79	43	6119	2.809 ug/L #	52
34) Trichloroethene	6.58	95	1532	0.845 ug/L	97
35) Methylcyclohexane	6.72	83	24251	7.711 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11870	5.974 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3043	0.994 ug/L #	74
48) 2-Hexanone	8.66	43	13027	5.575 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	13392	5.239 ug/L	94

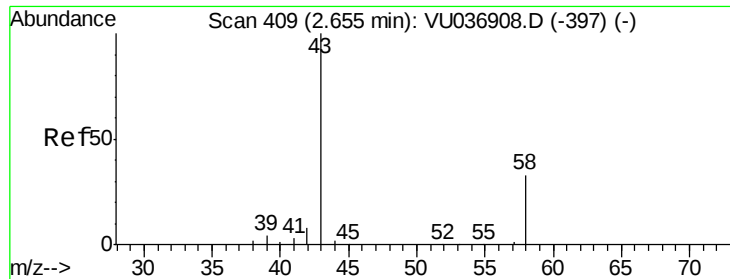
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU036927.D
Acq On : 26 Feb 2020 19:51
Operator : JC/MD
Sample : L1687-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

Quant Time: Feb 27 04:52:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.059 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036927.D

Acq: 26 Feb 2020 19:51

Instrument :

MSVOA_U

ClientSampleId :

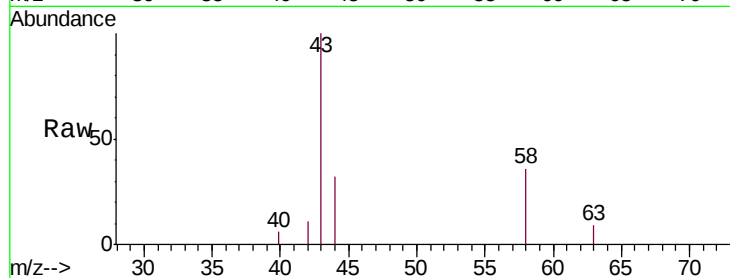
C0AT5

Tgt Ion: 43 Resp: 2942

Ion Ratio Lower Upper

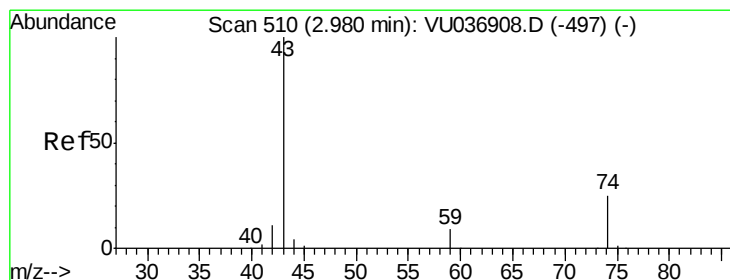
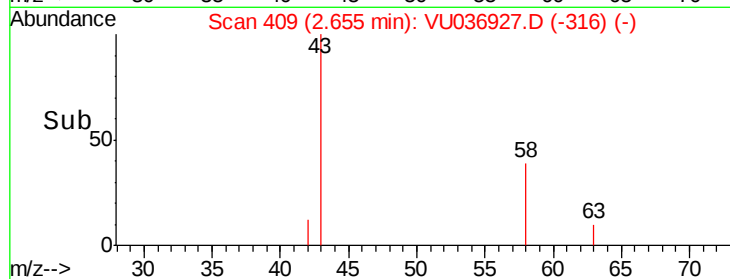
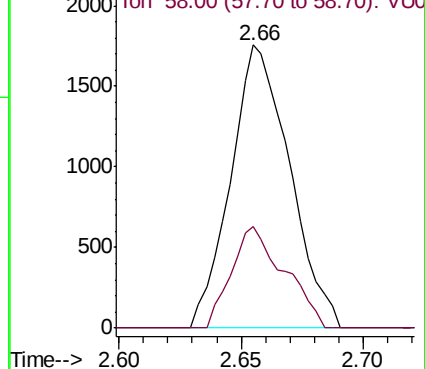
43 100

58 32.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036927.D (-417) (-)

Ion 58.00 (57.70 to 58.70): VU036927.D (-417) (-)



#15

Methyl Acetate

Concen: 2.809 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU036927.D

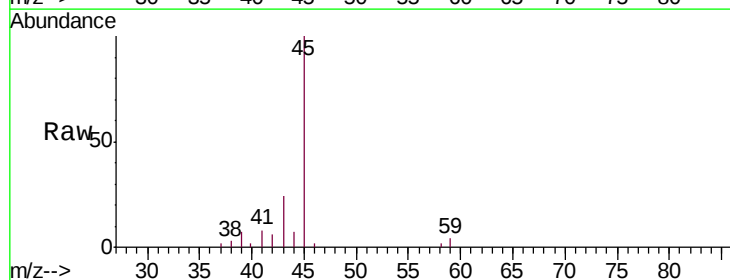
Acq: 26 Feb 2020 19:51

Tgt Ion: 43 Resp: 6119

Ion Ratio Lower Upper

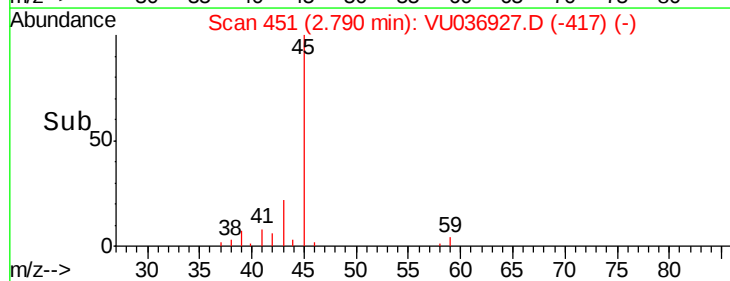
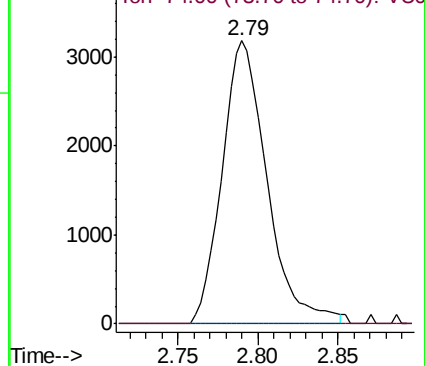
43 100

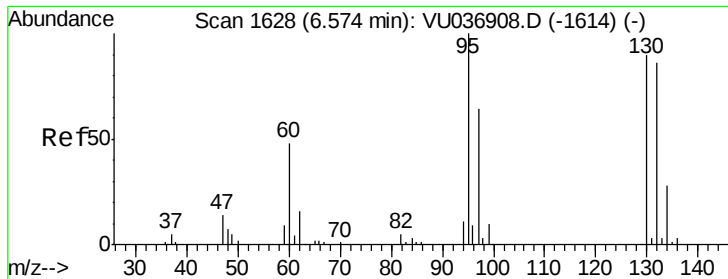
74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036927.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU036927.D (-417) (-)





#34

Trichloroethene

Concen: 0.845 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036927.D

Acq: 26 Feb 2020 19:51

Instrument :

MSVOA_U

ClientSampleId :

C0AT5

Tgt Ion: 95 Resp: 1532

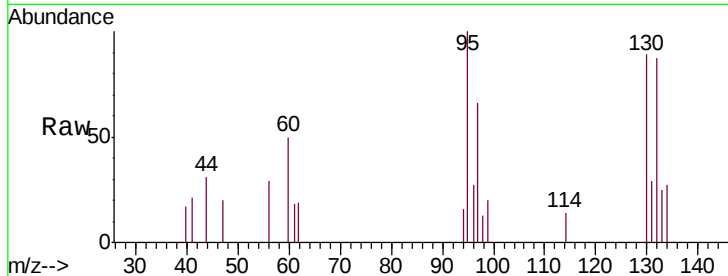
Ion Ratio Lower Upper

95 100

97 66.5 44.1 81.9

132 86.7 60.6 112.6

130 89.0 64.9 120.5

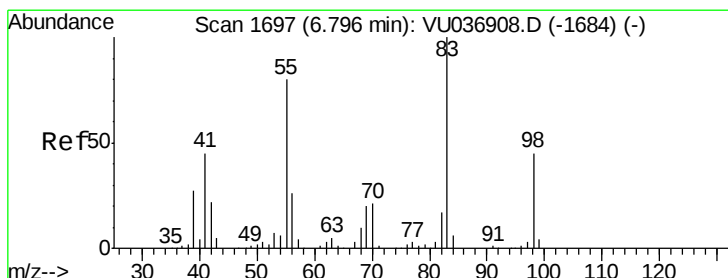
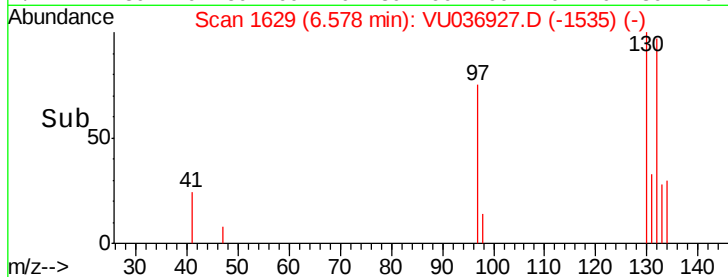
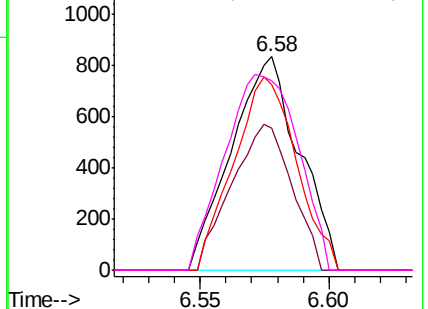


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.711 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU036927.D

Acq: 26 Feb 2020 19:51

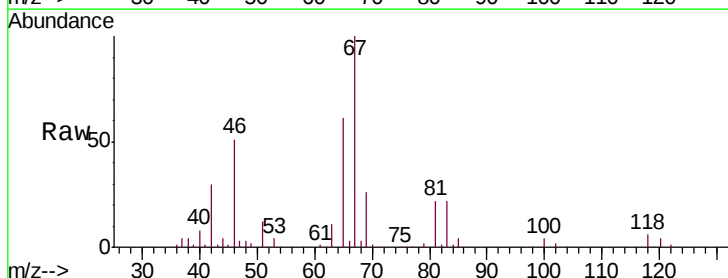
Tgt Ion: 83 Resp: 24251

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

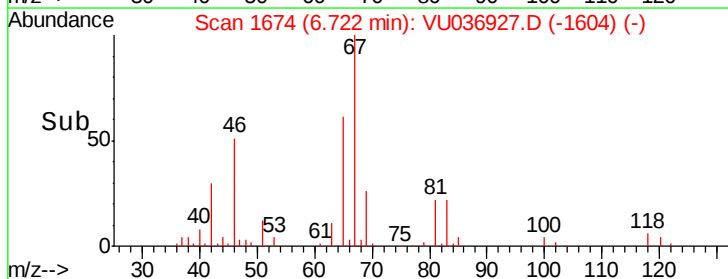
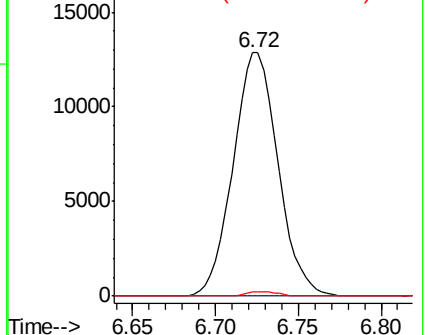
98 1.2 35.1 52.7#

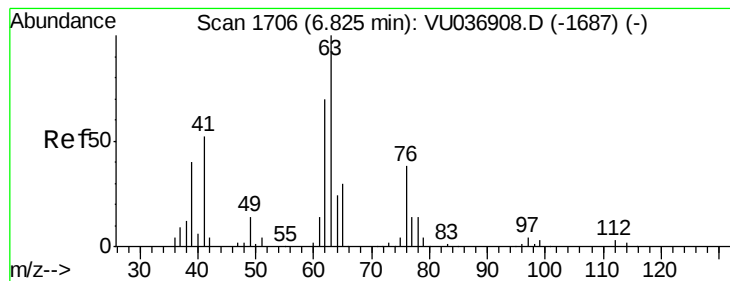


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.974 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036927.D

Acq: 26 Feb 2020 19:51

Instrument :

MSVOA_U

ClientSampleId :

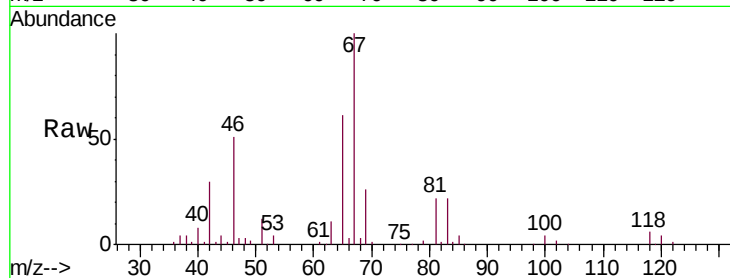
C0AT5

Tgt Ion: 63 Resp: 11870

Ion Ratio Lower Upper

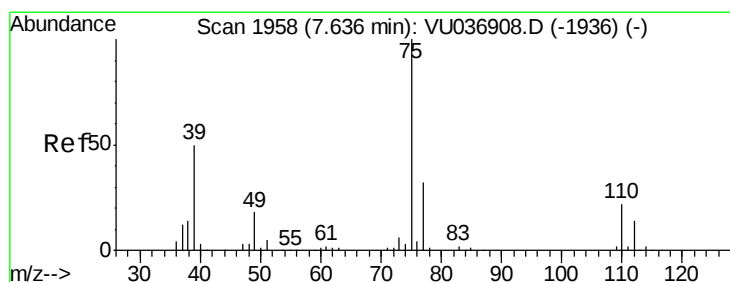
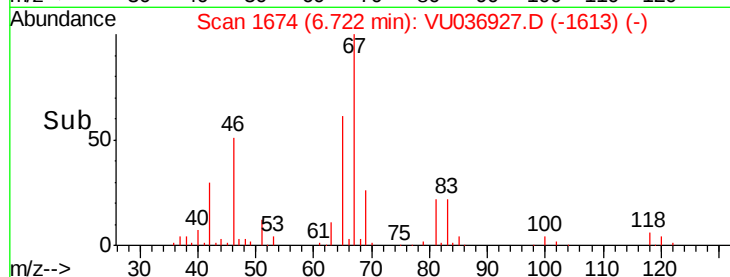
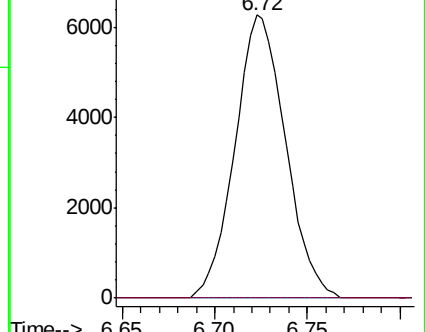
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036927.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU036927.D (-1674) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.994 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036927.D

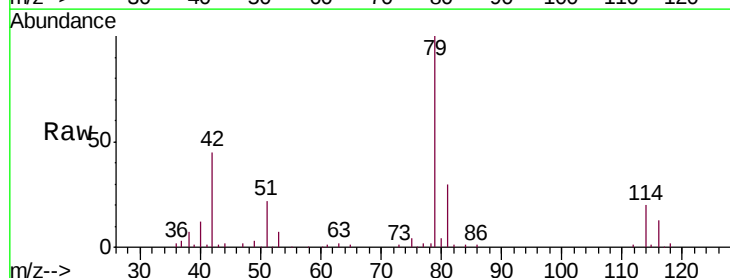
Acq: 26 Feb 2020 19:51

Tgt Ion: 75 Resp: 3043

Ion Ratio Lower Upper

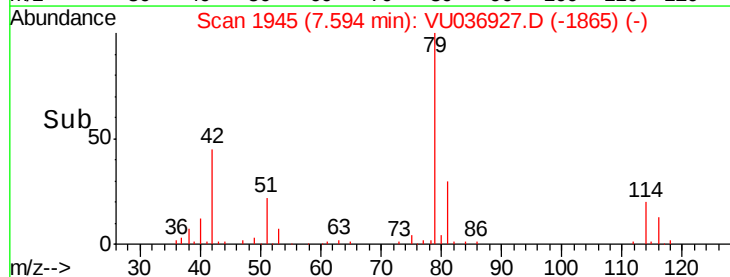
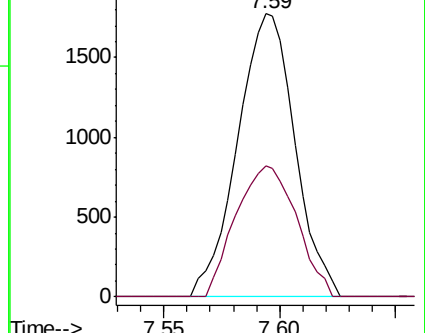
75 100

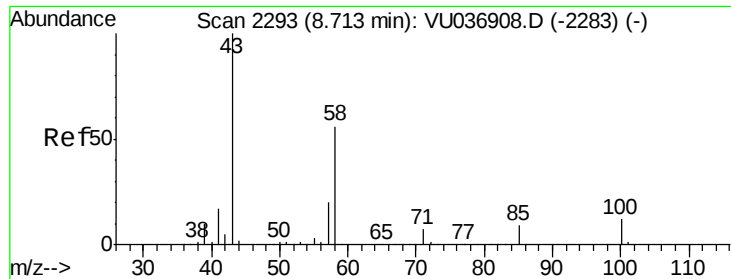
77 46.1 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036927.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU036927.D (-1865) (-)

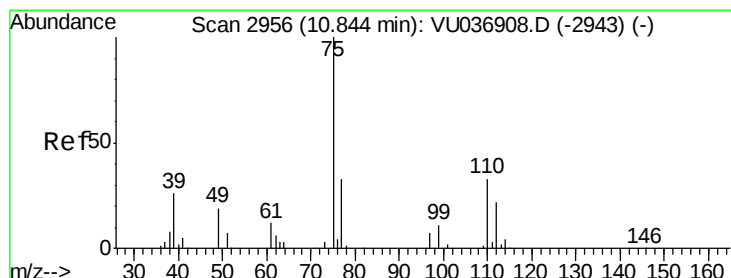
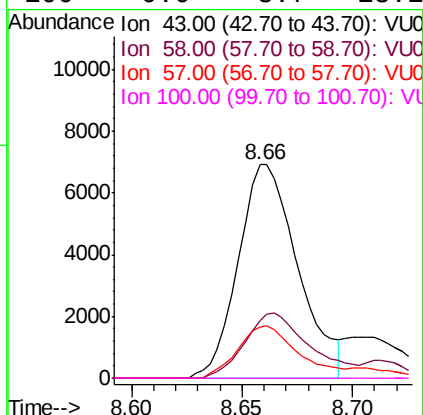
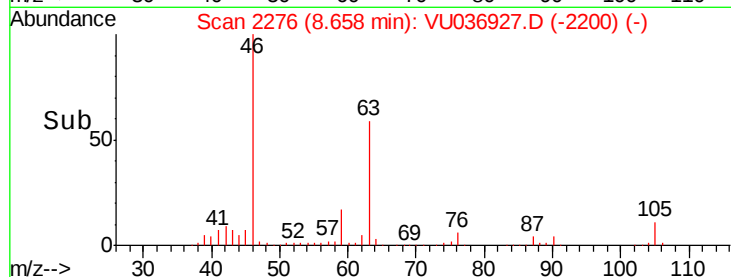
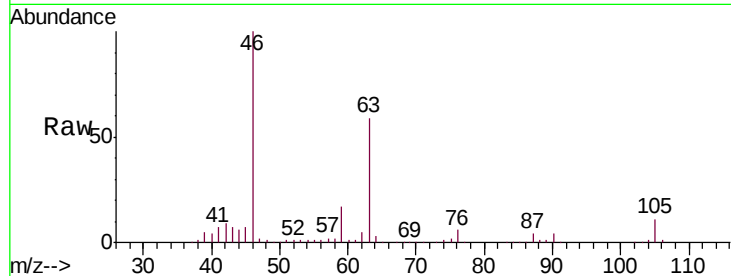




#48
 2-Hexanone
 Concen: 5.575 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU036927.D
 Acq: 26 Feb 2020 19:51

Instrument :
 MSVOA_U
 ClientSampled :
 C0AT5

Tgt Ion: 43 Resp: 13027
 Ion Ratio Lower Upper
 43 100
 58 33.5 43.5 65.3#
 57 25.1 15.1 22.7#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.239 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036927.D
 Acq: 26 Feb 2020 19:51

Tgt Ion: 75 Resp: 13392
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.2 39.2

