

Data File : VU036928.D
Acq On : 26 Feb 2020 20:14
Operator : JC/MD
Sample : L1687-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT6

Quant Time: Feb 27 04:52:27 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	6.28	114	256634	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93088	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88419	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.06%
7) Chloroethane-d5	1.93	69	80185	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.94%
11) 1,1-Dichloroethene-d2	2.59	63	114855	31.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.64%
21) 2-Butanone-d5	4.67	46	151407	104.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.73%
24) Chloroform-d	5.11	84	151974	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	5.74	65	105113	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
32) Benzene-d6	5.76	84	332340	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
36) 1,2-Dichloropropane-d6	6.73	67	110051	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.93	98	297318	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
43) trans-1,3-Dichloropropene-	8.20	79	45835	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
47) 2-Hexanone-d5	8.66	63	113108	101.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.51%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	154537	48.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	91721	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

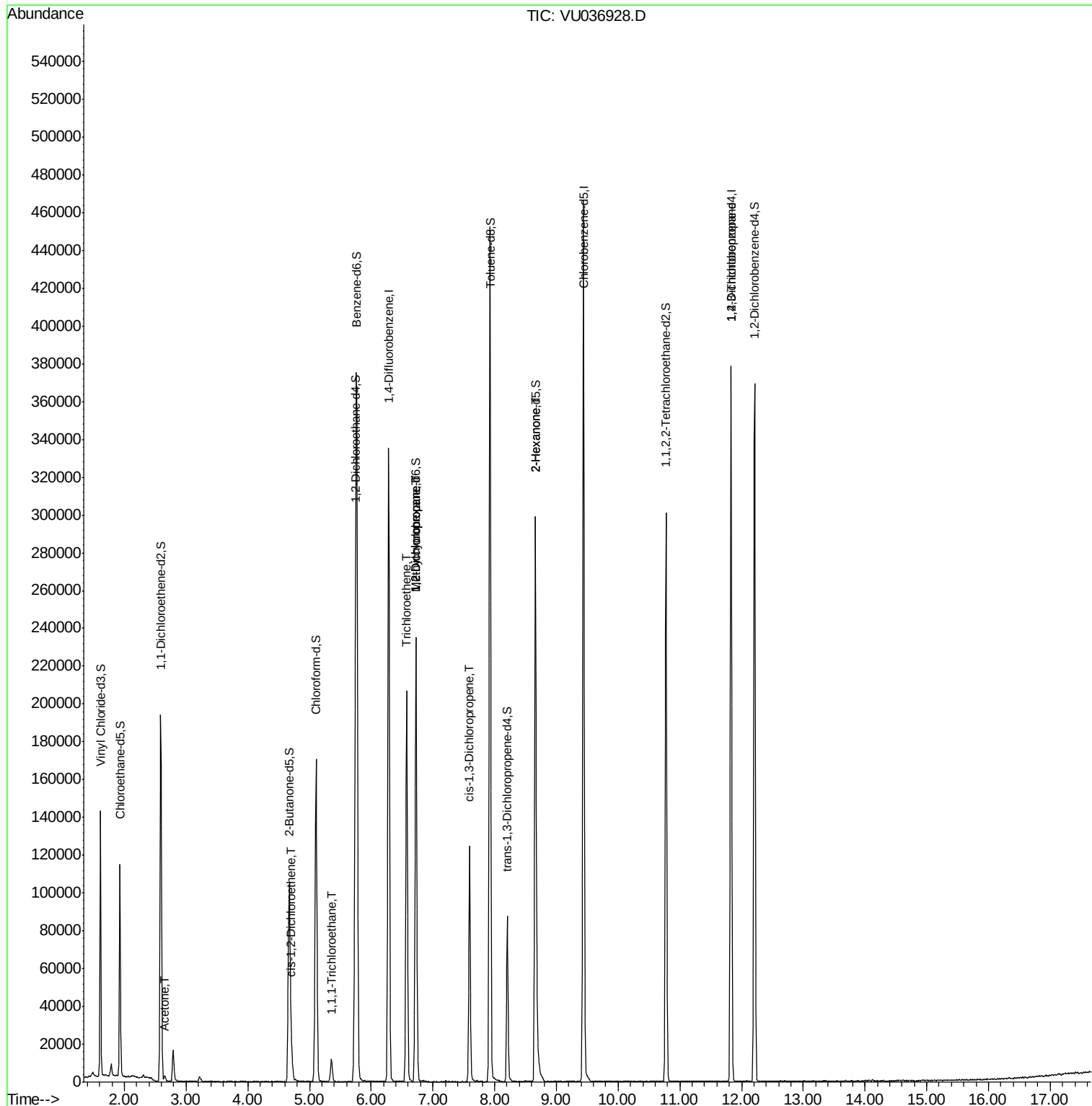
					Qvalue
13) Acetone	2.66	43	3243	2.181 ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	6155	3.091 ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	8641	3.314 ug/L	99
34) Trichloroethene	6.57	95	69527	36.814 ug/L	98
35) Methylcyclohexane	6.73	83	24171	7.382 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11931	5.767 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2925	0.918 ug/L #	78
48) 2-Hexanone	8.66	43	13167	5.412 ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	13730	5.159 ug/L	90

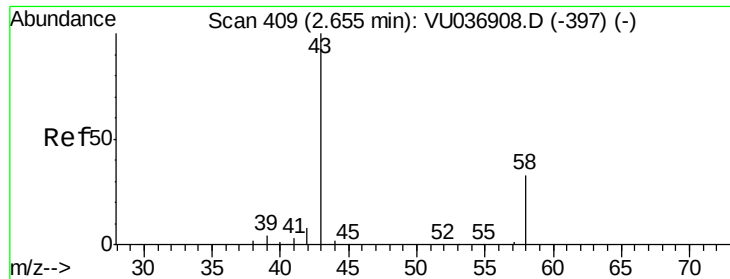
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.181 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036928.D

Acq: 26 Feb 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

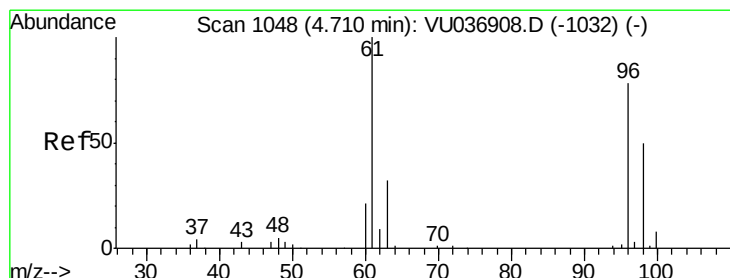
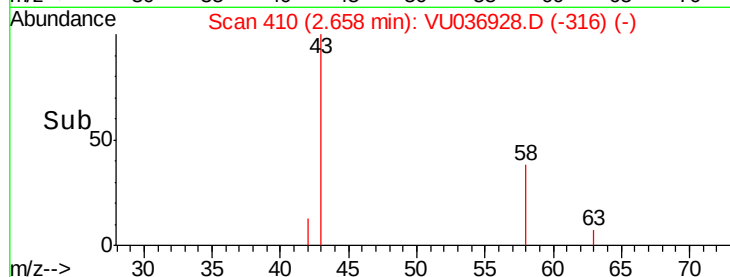
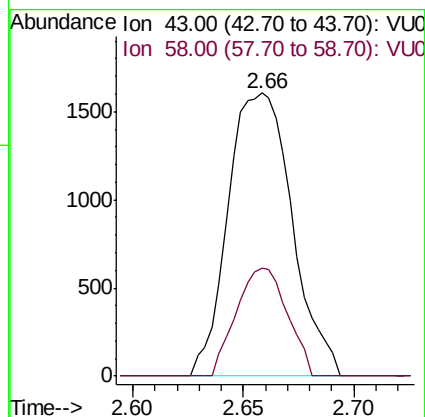
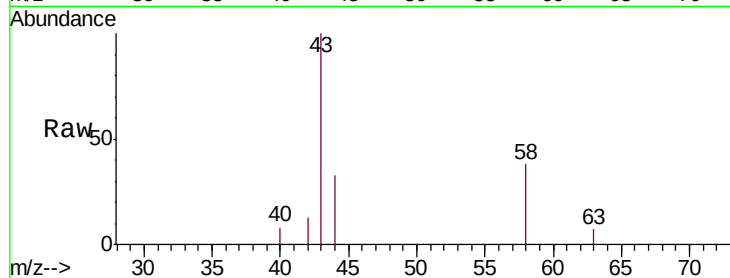
C0AT6

Tgt Ion: 43 Resp: 3243

Ion Ratio Lower Upper

43 100

58 30.3 0.0 64.6



#20

cis-1,2-Dichloroethene

Concen: 3.091 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU036928.D

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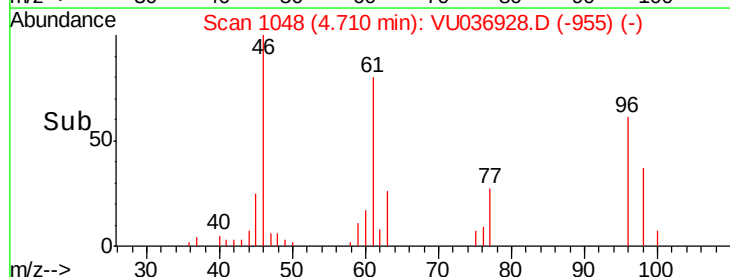
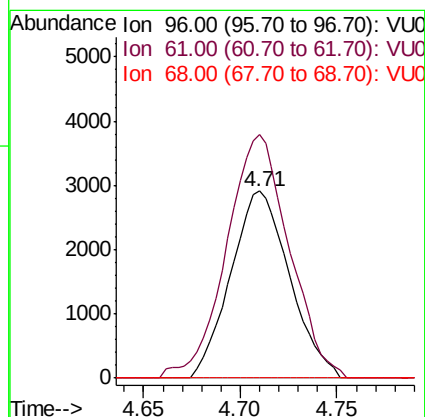
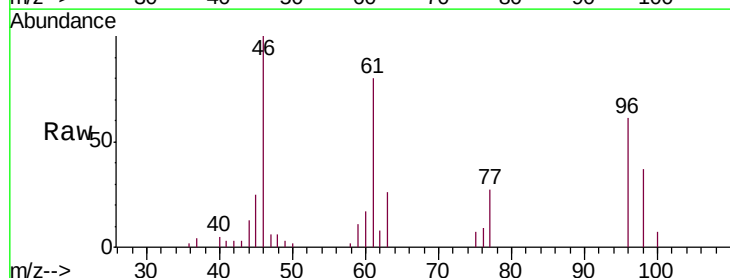
Tgt Ion: 96 Resp: 6155

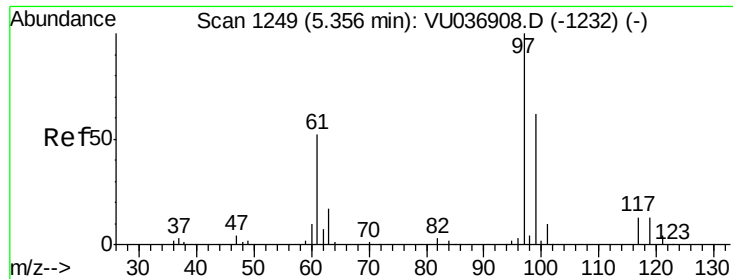
Ion Ratio Lower Upper

96 100

61 130.3 93.1 172.9

68 0.0 0.0 0.0

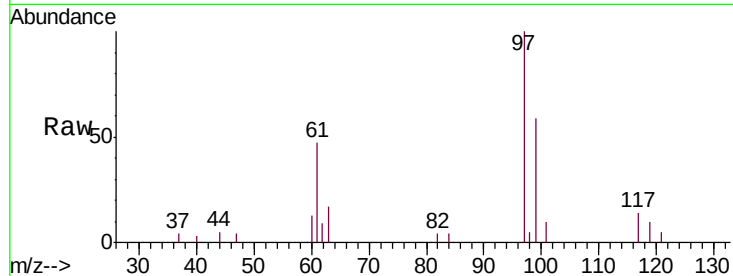




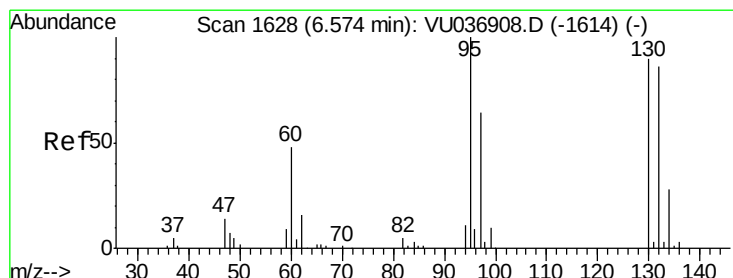
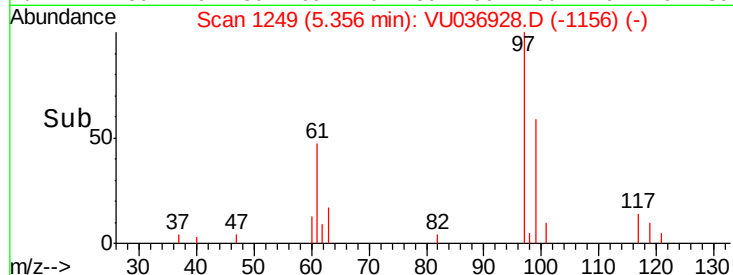
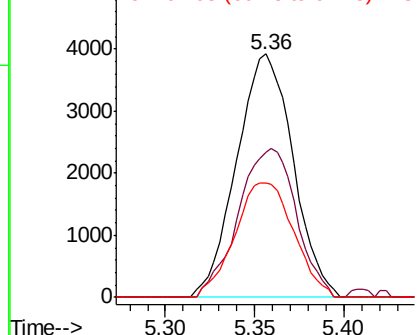
#30
 1,1,1-Trichloroethane
 Concen: 3.314 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU036928.D
 Acq: 26 Feb 2020 20:14

Instrument :
 MSVOA_U
 ClientSampled :
 C0AT6

Tgt Ion: 97 Resp: 8641
 Ion Ratio Lower Upper
 97 100
 99 62.7 50.4 75.6
 61 49.3 40.3 60.5

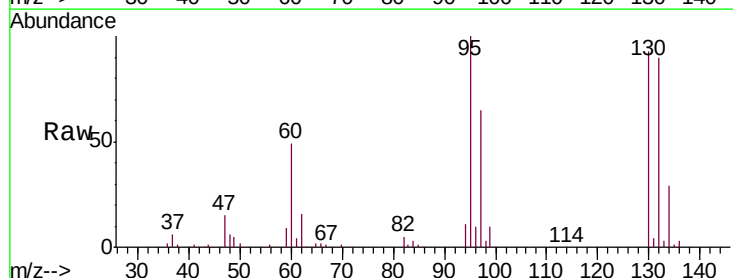


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

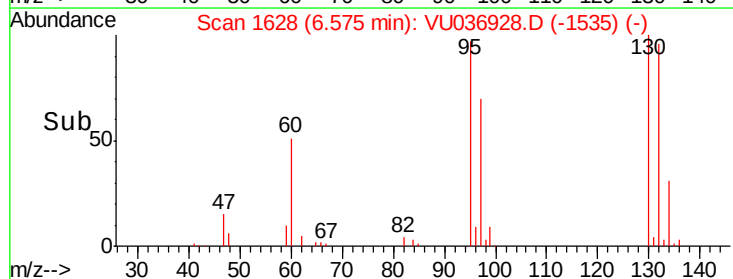
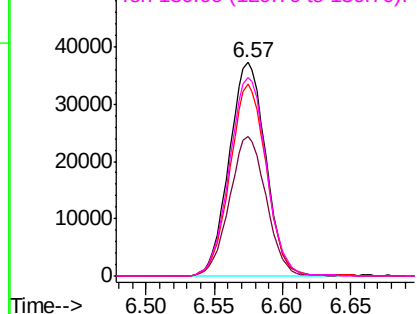


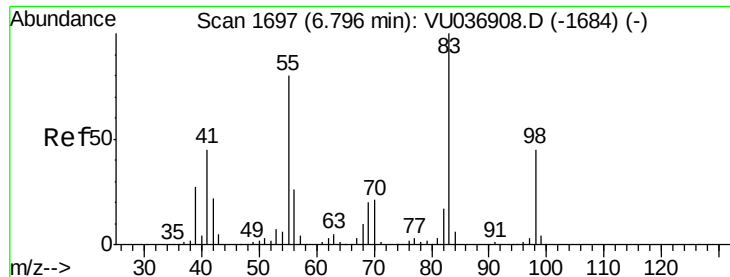
#34
 Trichloroethene
 Concen: 36.814 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU036928.D
 Acq: 26 Feb 2020 20:14

Tgt Ion: 95 Resp: 69527
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.1 81.9
 132 89.6 60.6 112.6
 130 93.1 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

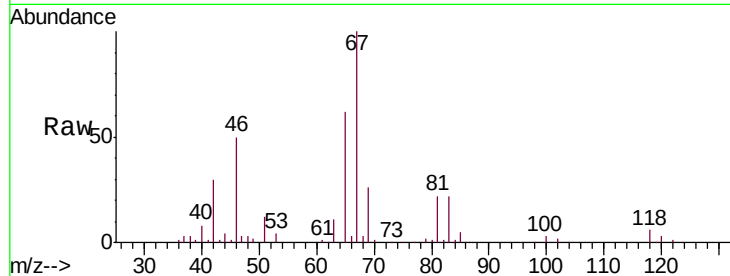




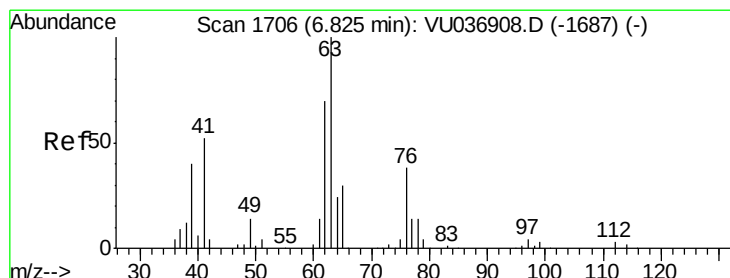
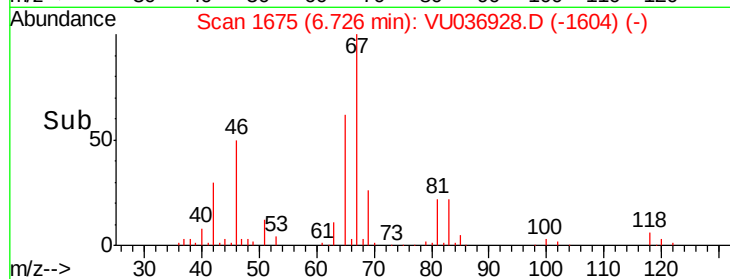
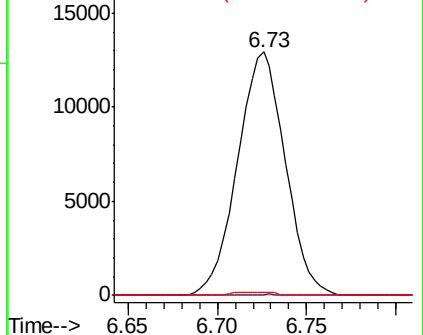
#35
Methylcyclohexane
Concen: 7.382 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036928.D
Acq: 26 Feb 2020 20:14

Instrument :
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ClientSampleId :
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Tgt Ion: 83 Resp: 24171
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.0 35.1 52.7#

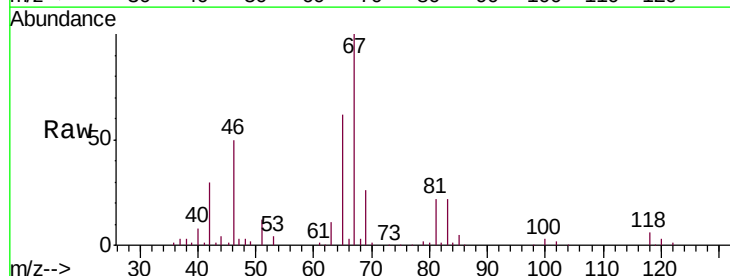


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

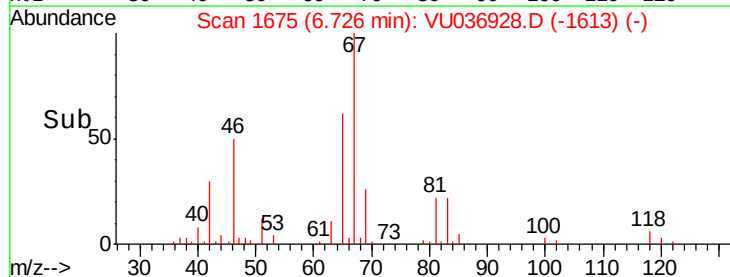
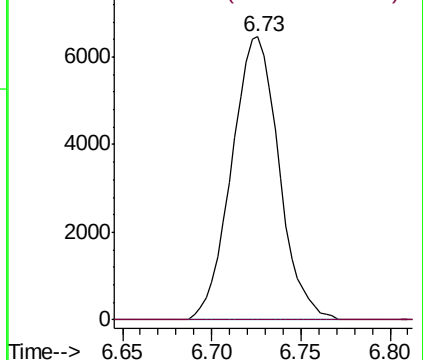


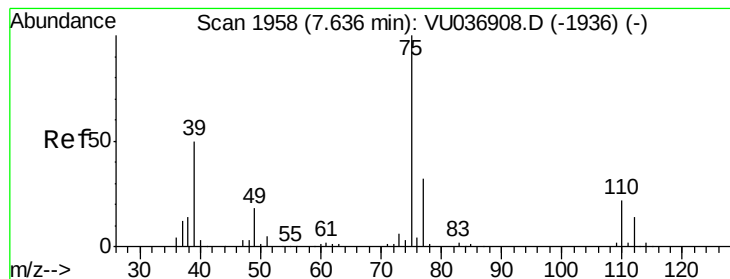
#37
1,2-Dichloropropane
Concen: 5.767 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036928.D
Acq: 26 Feb 2020 20:14

Tgt Ion: 63 Resp: 11931
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: 0.918 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036928.D

Acq: 26 Feb 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

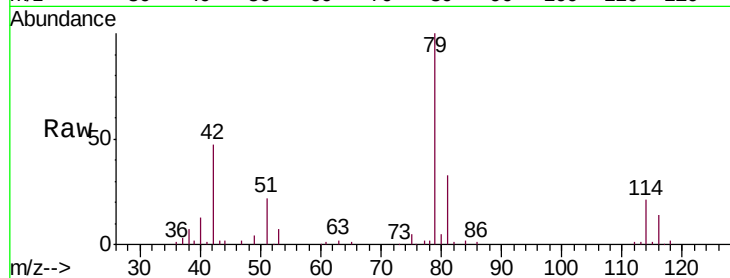
C0AT6

Tgt Ion: 75 Resp: 2925

Ion Ratio Lower Upper

75 100

77 43.9 22.0 41.0#



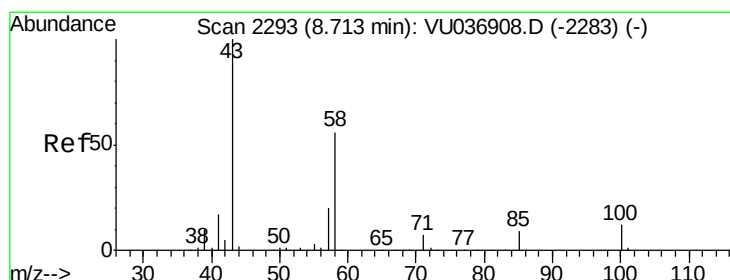
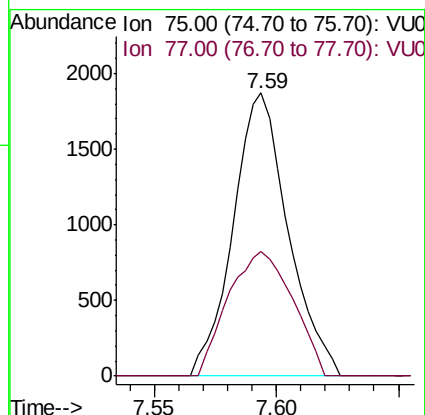
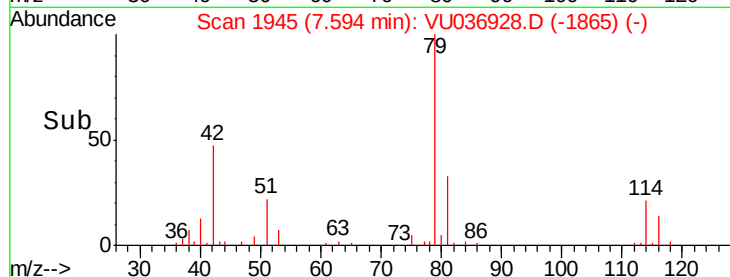
Abundance Ion 75.00 (74.70 to 75.70): VU036928.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU036928.D (-1936) (-)

75 100

77 43.9 22.0 41.0#

Time-->



#48

2-Hexanone

Concen: 5.412 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU036928.D

Acq: 26 Feb 2020 20:14

Tgt Ion: 43 Resp: 13167

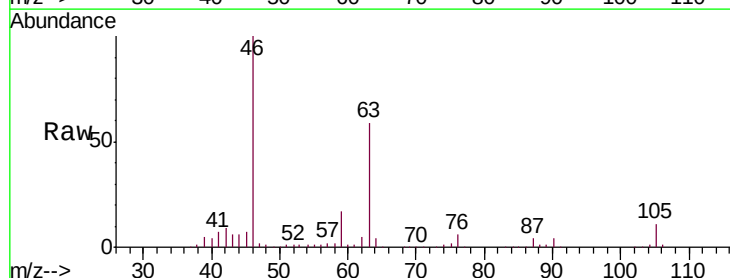
Ion Ratio Lower Upper

43 100

58 29.1 43.5 65.3#

57 25.3 15.1 22.7#

100 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU036928.D (-2200) (-)

Ion 58.00 (57.70 to 58.70): VU036928.D (-2200) (-)

Ion 57.00 (56.70 to 57.70): VU036928.D (-2200) (-)

Ion 100.00 (99.70 to 100.70): VU036928.D (-2200) (-)

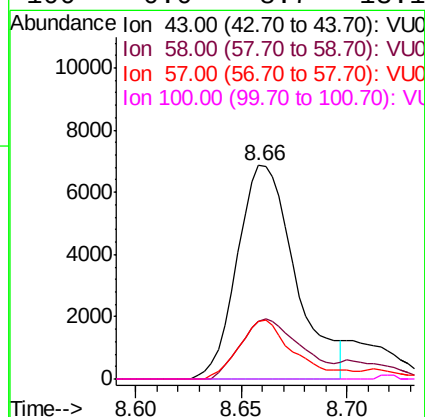
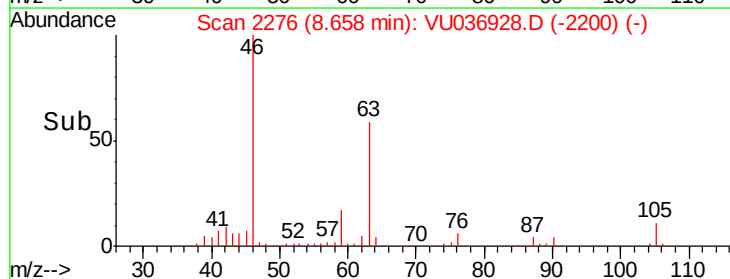
43 100

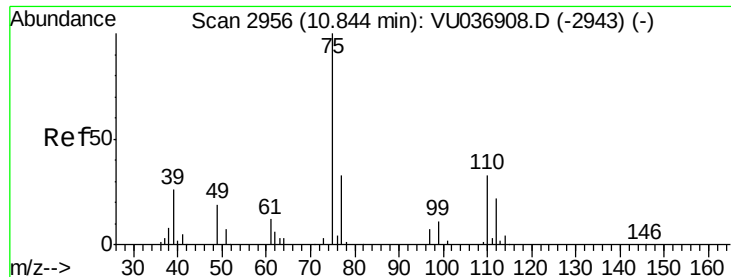
58 29.1 43.5 65.3#

57 25.3 15.1 22.7#

100 0.0 8.7 13.1#

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.159 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036928.D

Acq: 26 Feb 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0AT6

Tgt Ion: 75 Resp: 13730

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.2

