

Data File : VU037647.D
Acq On : 10 Apr 2020 03:25
Operator : JC/MD
Sample : L2212-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0ES4

Quant Time: Apr 10 06:08:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 06:05:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	513347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	485412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189101	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.28%
7) Chloroethane-d5	1.93	69	163954	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.42%
11) 1,1-Dichloroethene-d2	2.59	63	249297	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	4.66	46	393433	108.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.21%
24) Chloroform-d	5.10	84	329016	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.74	65	232057	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.76	84	709530	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
36) 1,2-Dichloropropane-d6	6.72	67	240564	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.92	98	638122	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	8.20	79	121272	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.65	63	281841	103.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	333998	49.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.48%
64) 1,2-Dichlorobenzene-d4	12.20	152	232411	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

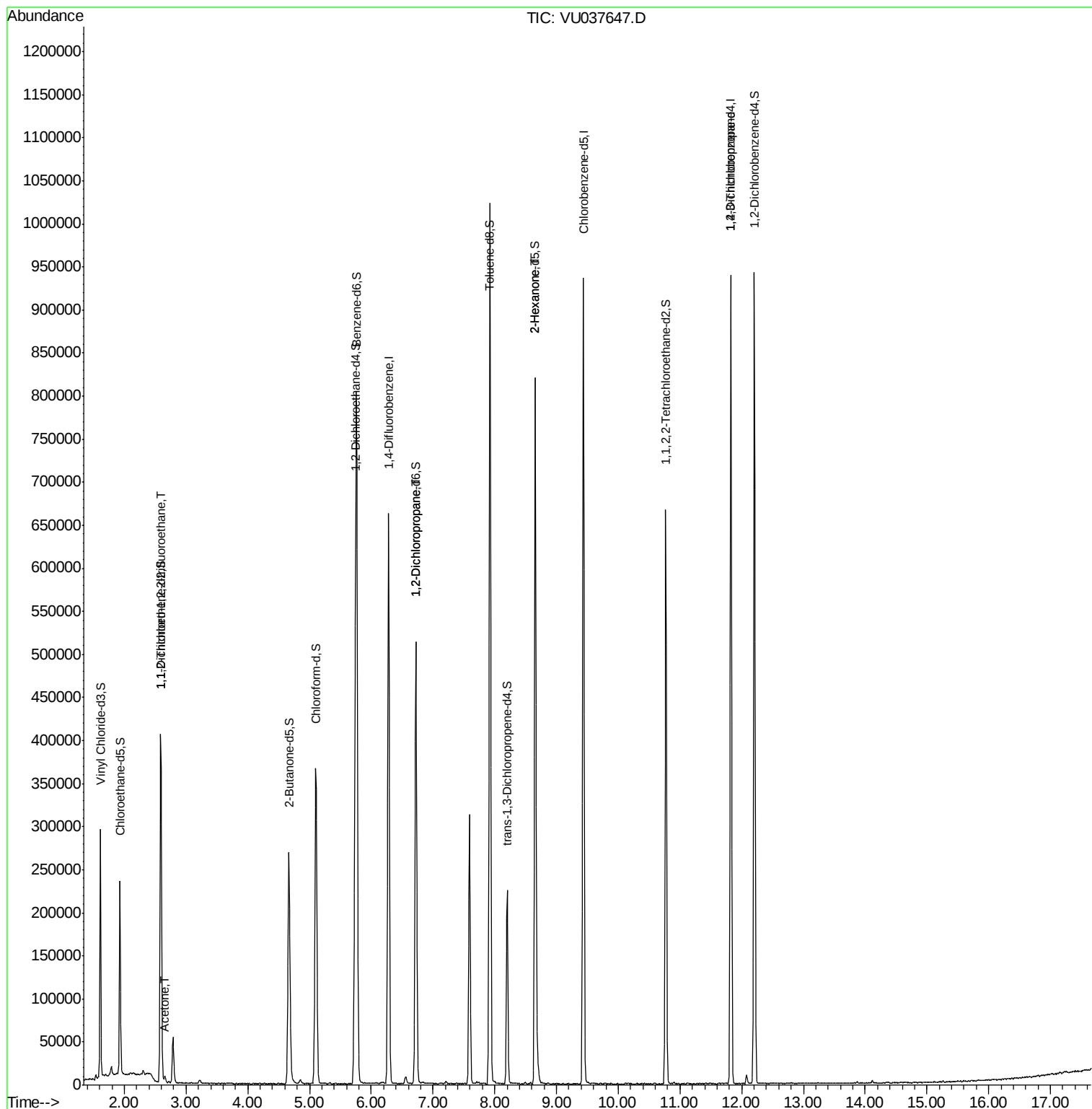
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2477	0.765 ug/L #	22
13) Acetone	2.66	43	7541	3.512 ug/L	100
37) 1,2-Dichloropropane	6.72	63	25737	6.341 ug/L #	87
48) 2-Hexanone	8.65	43	32303	5.675 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	31402	5.695 ug/L	93

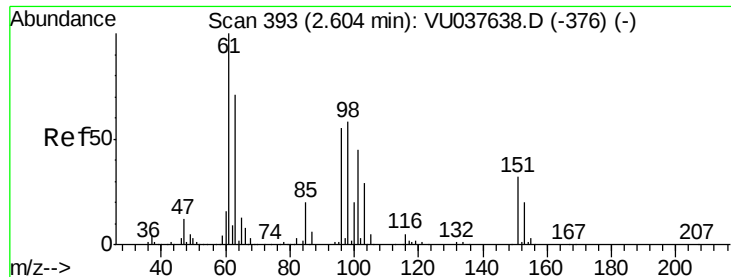
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.765 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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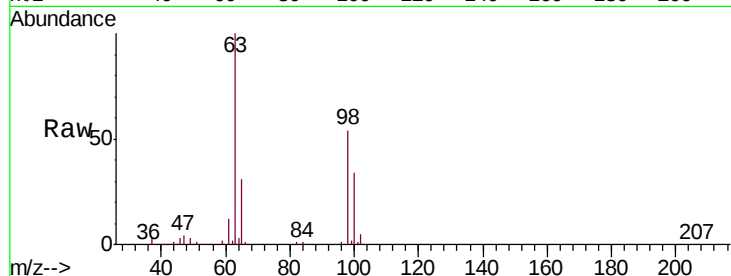
Tgt Ion:101 Resp: 2477

Ion Ratio Lower Upper

101 100

85 1.7 34.5 51.7#

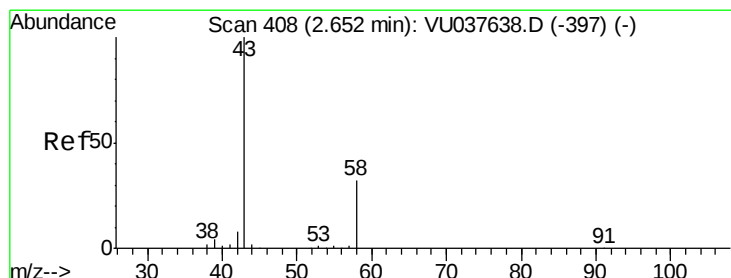
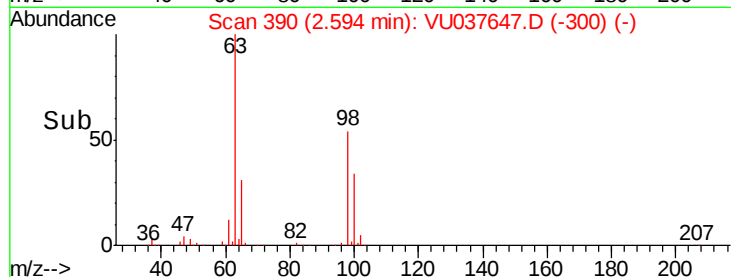
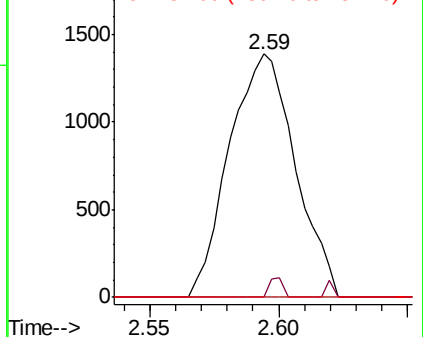
151 0.0 56.8 85.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.512 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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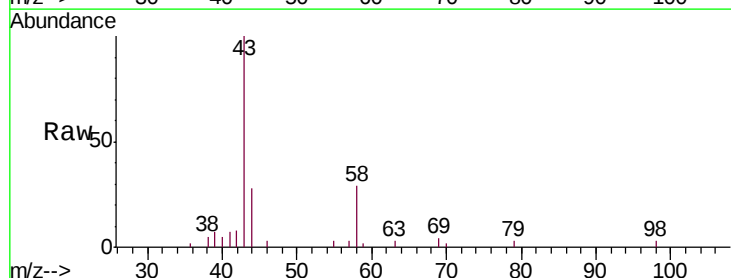
Acq: 10 Apr 2020 03:25

Tgt Ion: 43 Resp: 7541

Ion Ratio Lower Upper

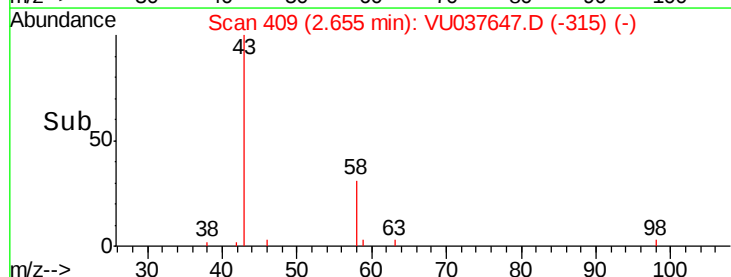
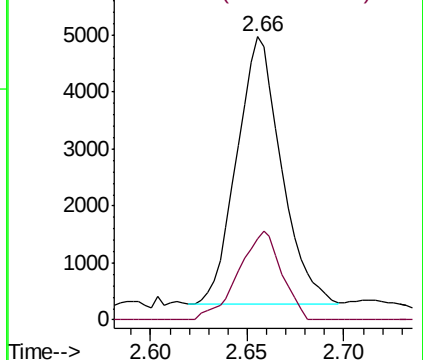
43 100

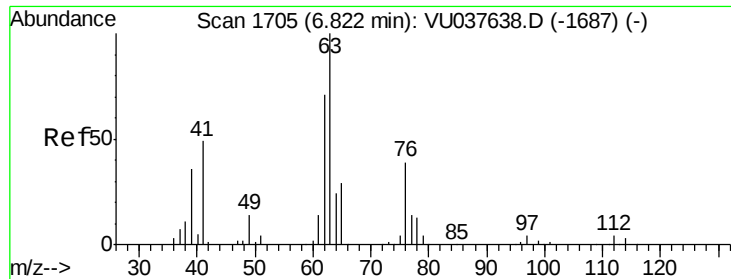
58 31.8 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

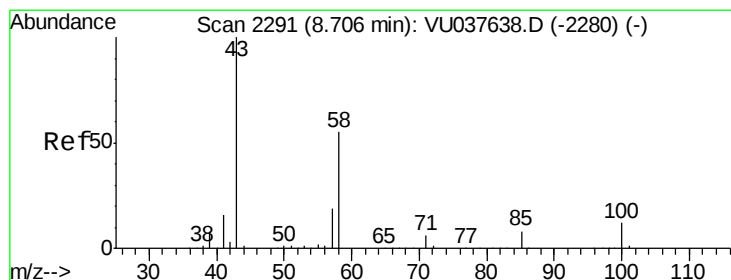
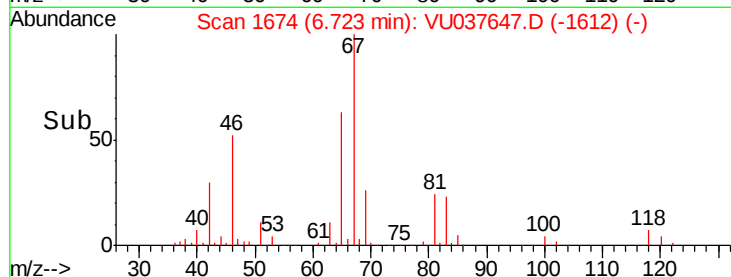
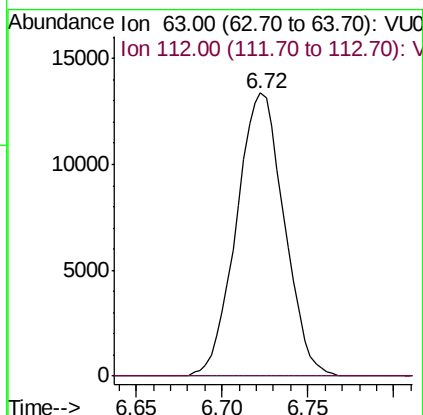
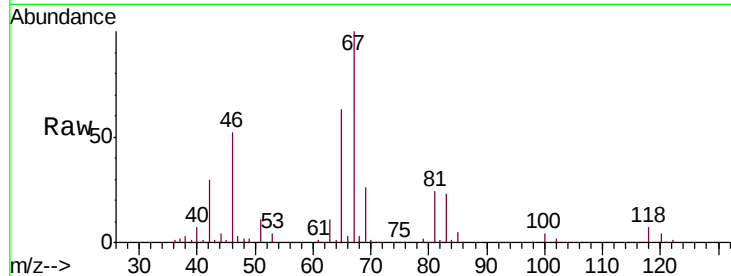




#37
 1,2-Dichloropropane
 Concen: 6.341 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037647.D
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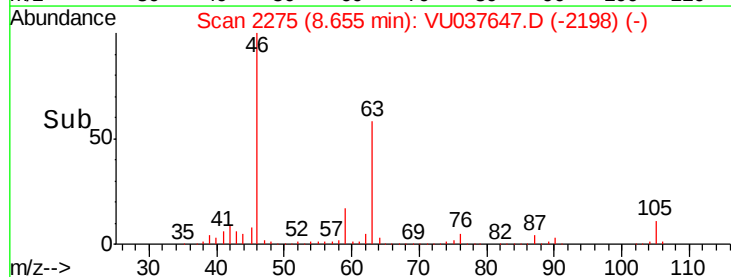
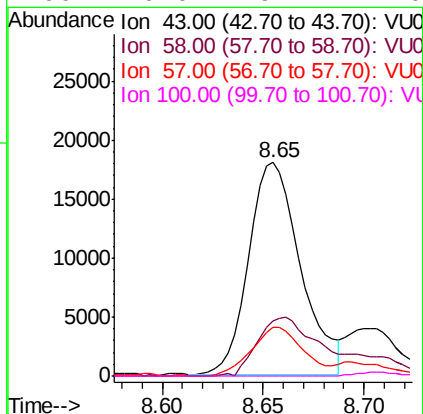
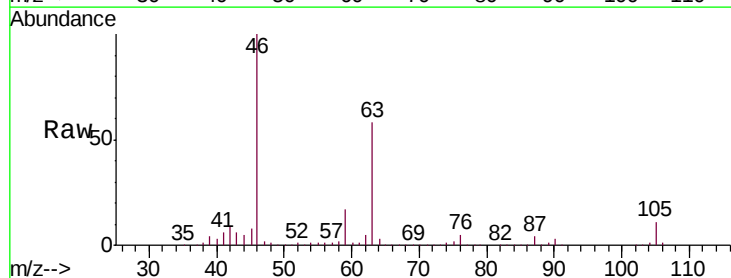
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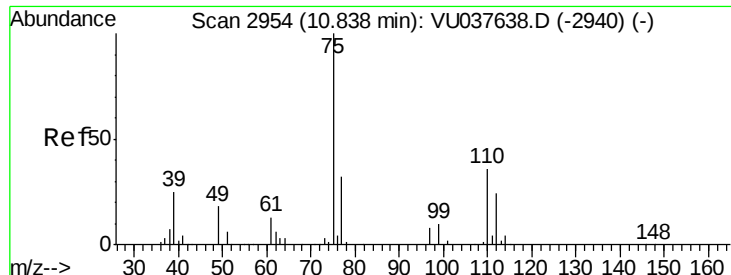
Tgt Ion: 63 Resp: 25737
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#48
 2-Hexanone
 Concen: 5.675 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
 Lab File: VU037647.D
 Acq: 10 Apr 2020 03:25

Tgt Ion: 43 Resp: 32303
 Ion Ratio Lower Upper
 43 100
 58 30.7 44.0 66.0#
 57 23.0 15.2 22.8#
 100 0.0 9.4 14.0#





#59
 1,2,3-Trichloropropane
 Concen: 5.695 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037647.D
 Acq: 10 Apr 2020 03:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ES4

Tgt Ion: 75 Resp: 31402
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.6 38.4

