

Data File : VU037655.D
Acq On : 10 Apr 2020 06:26
Operator : JC/MD
Sample : L2212-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0ET5

Quant Time: Apr 10 07:40:05 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	493952	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	467429	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	221200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	177211	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.93	69	158262	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.70%
11) 1,1-Dichloroethene-d2	2.59	63	240935	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.48%
21) 2-Butanone-d5	4.66	46	389066	111.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.21%
24) Chloroform-d	5.10	84	321524	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
26) 1,2-Dichloroethane-d4	5.74	65	226870	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
32) Benzene-d6	5.76	84	684269	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.72	67	233410	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.98%
41) Toluene-d8	7.92	98	621921	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%
43) trans-1,3-Dichloropropene-	8.20	79	115454	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.32%
47) 2-Hexanone-d5	8.65	63	273300	104.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	328162	50.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.50%
64) 1,2-Dichlorobenzene-d4	12.20	152	231029	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%

Target Compounds

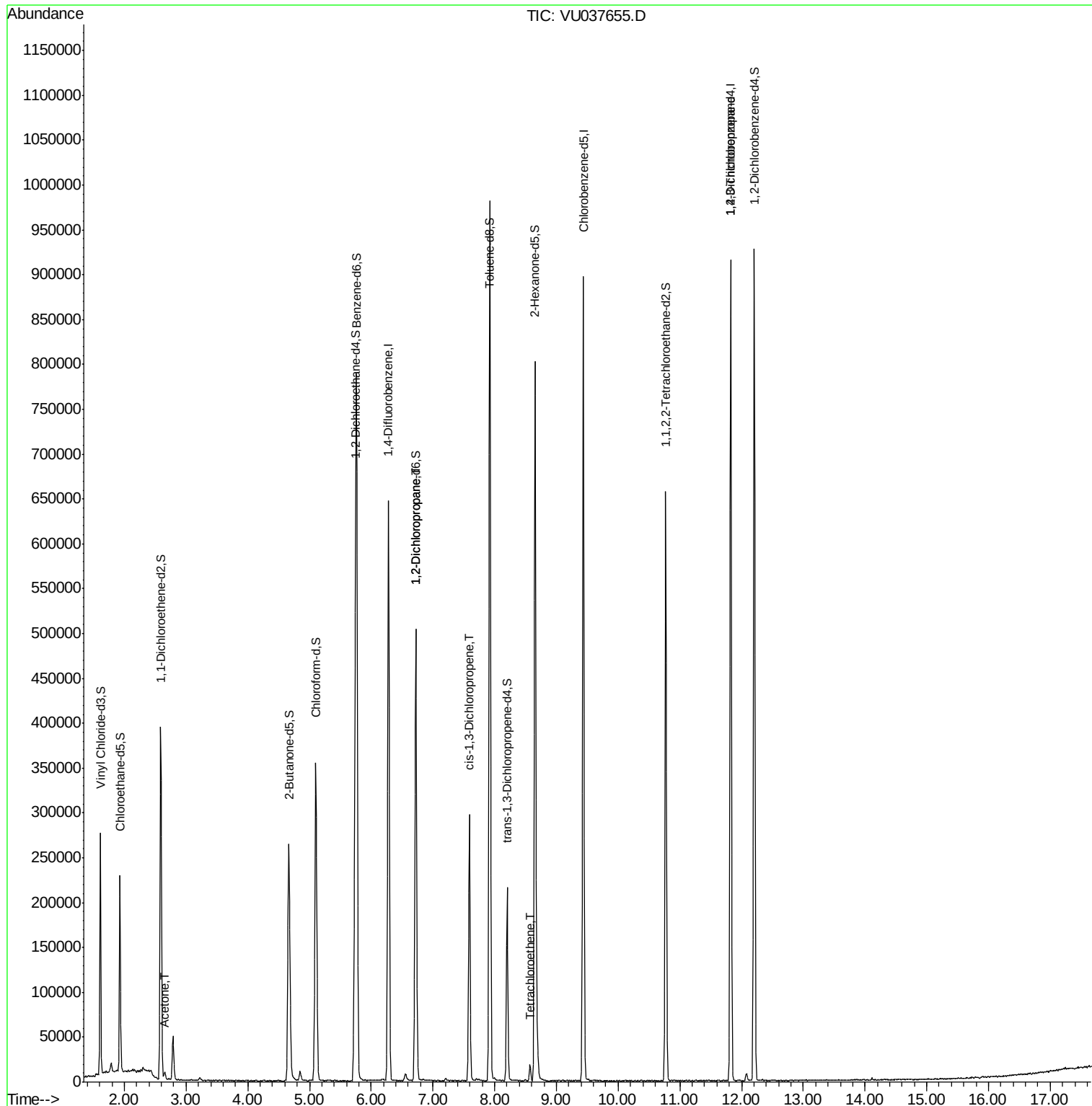
					Qvalue
13) Acetone	2.66	43	8816	4.267 ug/L	100
37) 1,2-Dichloropropane	6.72	63	25236	6.456 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6228	0.973 ug/L #	58
46) Tetrachloroethene	8.57	164	3806	1.461 ug/L	95
59) 1,2,3-Trichloropropane	11.82	75	29534	5.562 ug/L	94

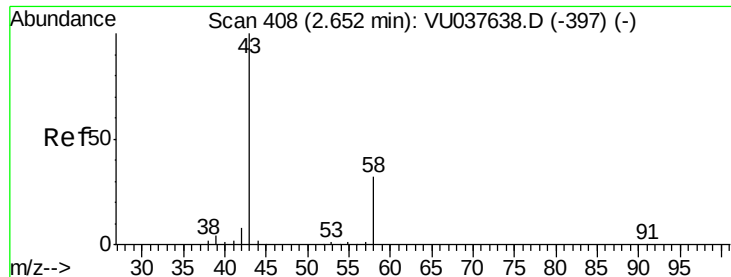
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.267 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037655.D

Acq: 10 Apr 2020 06:26

Instrument :

MSVOA_U

ClientSampleId :

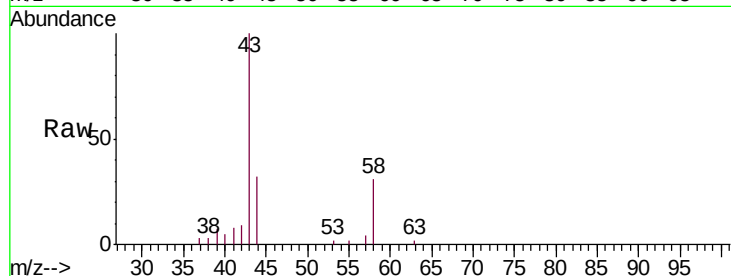
C0ET5

Tgt Ion: 43 Resp: 8816

Ion Ratio Lower Upper

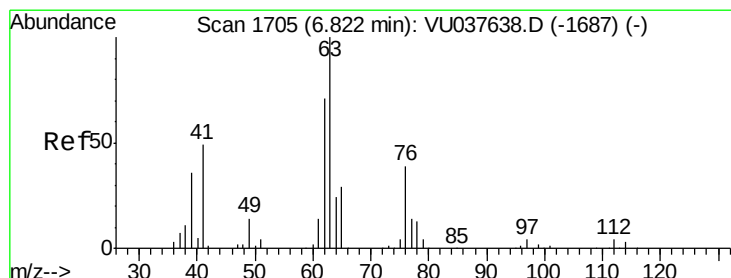
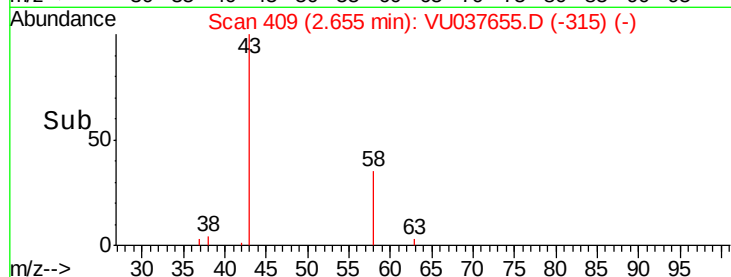
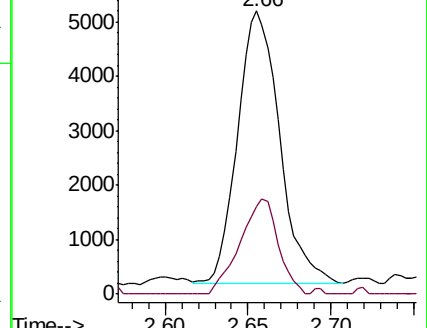
43 100

58 31.7 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU037638.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037638.D (-397) (-)



#37

1,2-Dichloropropane

Concen: 6.456 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037655.D

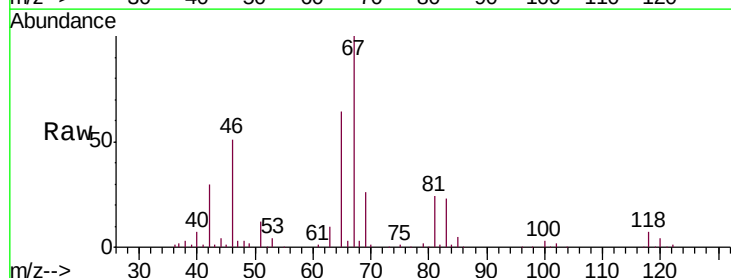
Acq: 10 Apr 2020 06:26

Tgt Ion: 63 Resp: 25236

Ion Ratio Lower Upper

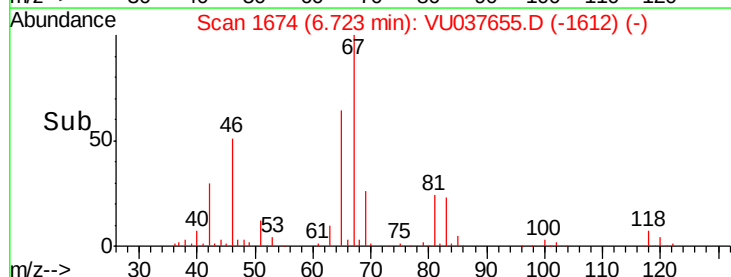
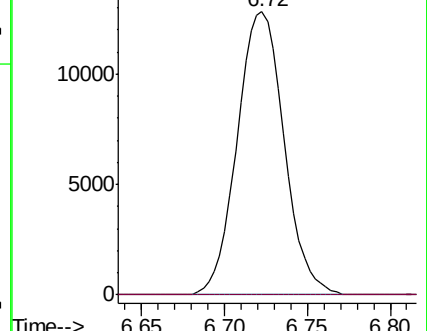
63 100

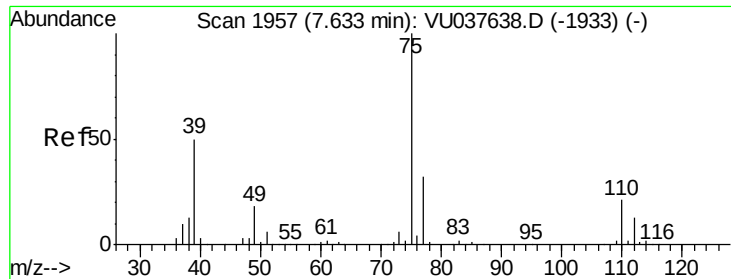
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU037638.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037638.D (-1687) (-)

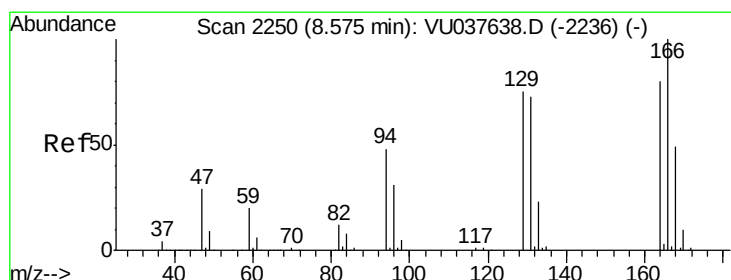
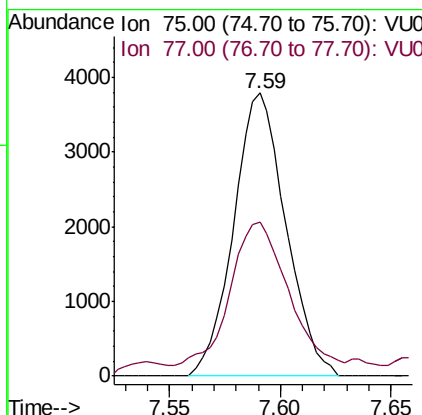
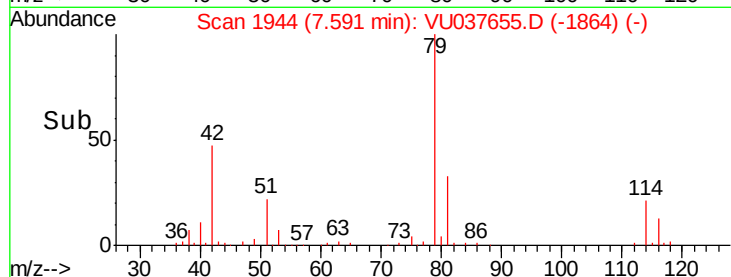
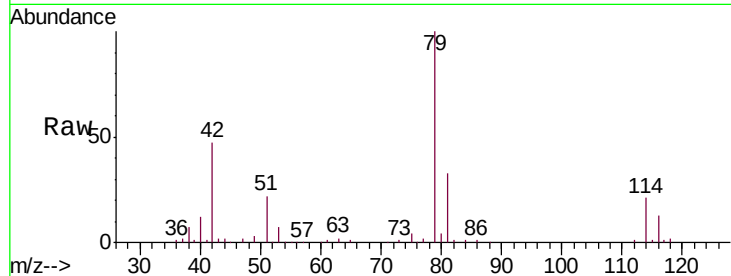




#39
 cis-1,3-Dichloropropene
 Concen: 0.973 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037655.D
 Acq: 10 Apr 2020 06:26

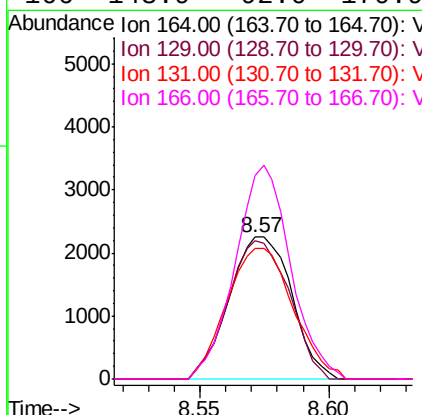
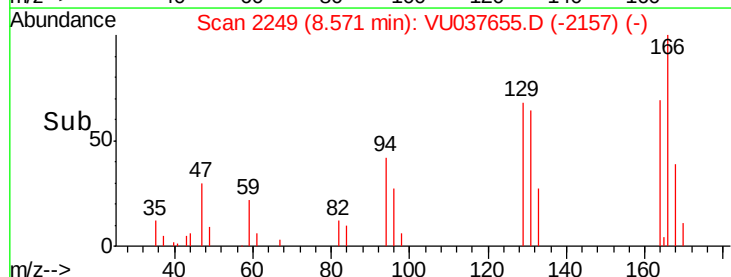
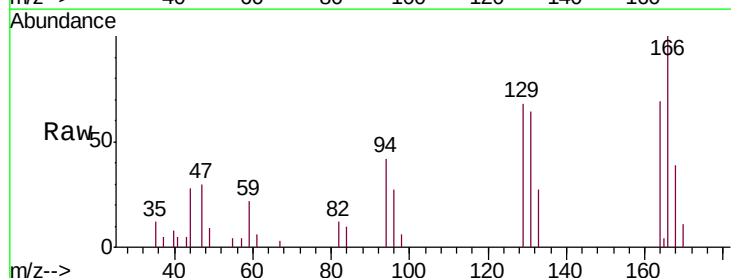
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 MSVOA_U
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 C0ET5

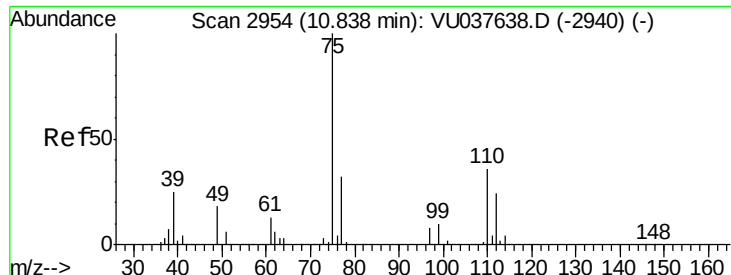
Tgt Ion: 75 Resp: 6228
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.1 41.1#



#46
 Tetrachloroethene
 Concen: 1.461 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU037655.D
 Acq: 10 Apr 2020 06:26

Tgt Ion: 164 Resp: 3806
 Ion Ratio Lower Upper
 164 100
 129 97.5 68.0 126.2
 131 92.1 65.8 122.2
 166 143.9 92.0 170.9





#59

1,2,3-Trichloropropane

Concen: 5.562 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037655.D

Acq: 10 Apr 2020 06:26

Instrument :

MSVOA_U

ClientSampleId :

C0ET5

Tgt Ion: 75 Resp: 29534

Ion Ratio Lower Upper

75 100

77 35.3 25.6 38.4

