

Data File : VU037651.D
Acq On : 10 Apr 2020 04:55
Operator : JC/MD
Sample : L2212-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0ET0

Quant Time: Apr 10 06:08:31 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	505209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	478225	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	184733	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.66%
7) Chloroethane-d5	1.93	69	162919	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.30%
11) 1,1-Dichloroethene-d2	2.59	63	245456	34.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.20%
21) 2-Butanone-d5	4.66	46	389488	108.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.85%
24) Chloroform-d	5.10	84	330541	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	233953	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
32) Benzene-d6	5.76	84	702863	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
36) 1,2-Dichloropropane-d6	6.72	67	240118	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.54%
41) Toluene-d8	7.92	98	635159	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%
43) trans-1,3-Dichloropropene-	8.20	79	119732	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.58%
47) 2-Hexanone-d5	8.66	63	276077	102.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	334021	50.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	232606	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%

Target Compounds

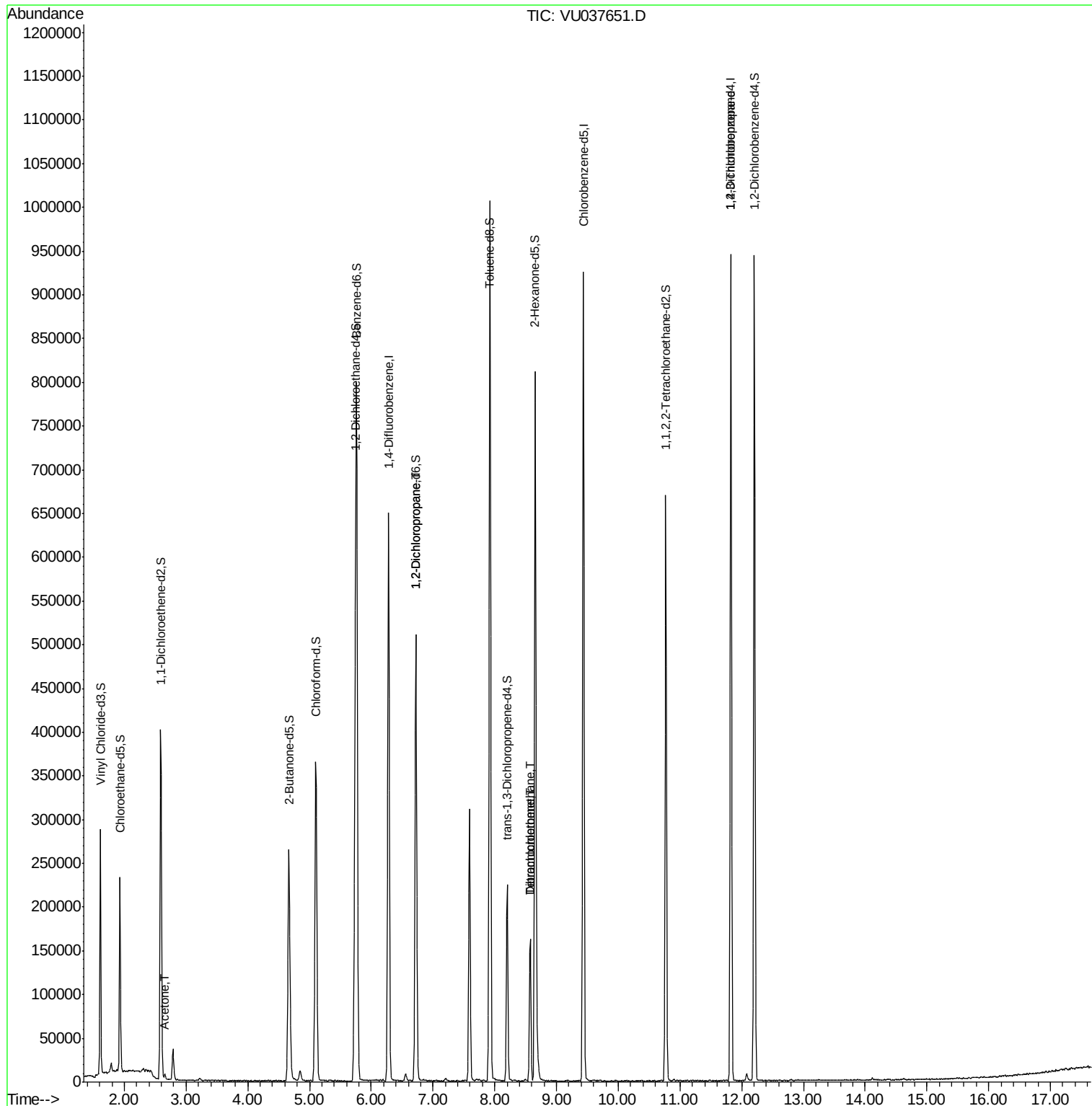
					Qvalue
13) Acetone	2.66	43	6973	3.300 ug/L	100
37) 1,2-Dichloropropane	6.72	63	25599	6.401 ug/L #	87
46) Tetrachloroethene	8.57	164	35499	13.318 ug/L	98
49) Dibromochloromethane	8.57	129	34475	9.010 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	31561	5.810 ug/L	90

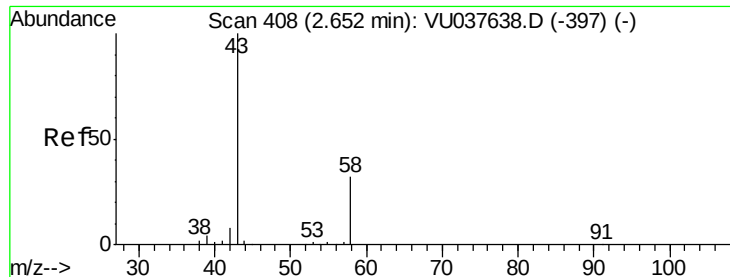
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.300 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

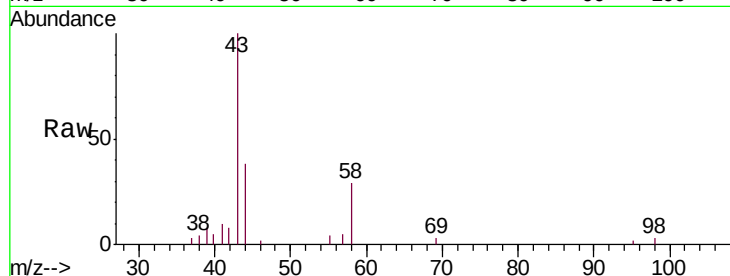
C0ET0

Tgt Ion: 43 Resp: 6973

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.2



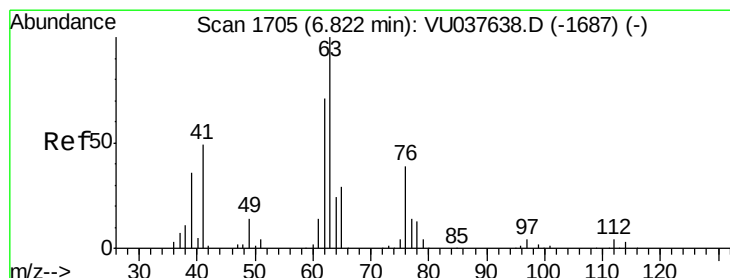
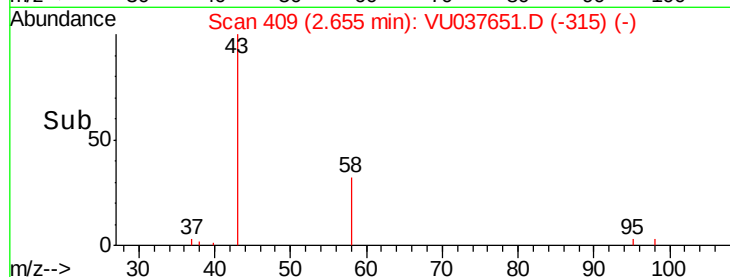
Abundance Ion 43.00 (42.70 to 43.70): VU037638.D (-397) (-)

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

2.66

Time-->

2.60 2.65 2.70



#37

1,2-Dichloropropane

Concen: 6.401 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037651.D

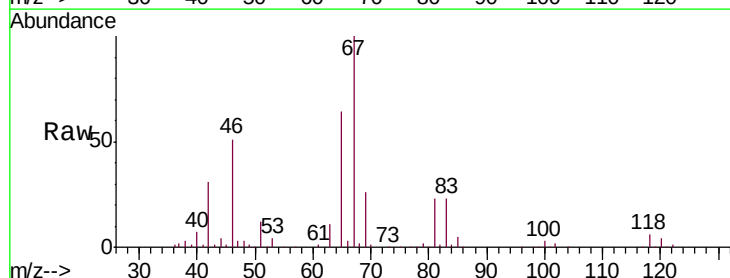
Acq: 10 Apr 2020 04:55

Tgt Ion: 63 Resp: 25599

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



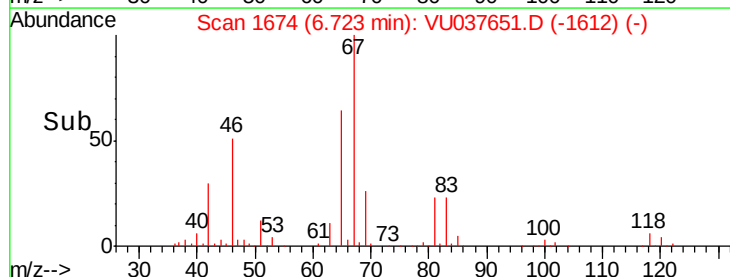
Abundance Ion 63.00 (62.70 to 63.70): VU037638.D (-1687) (-)

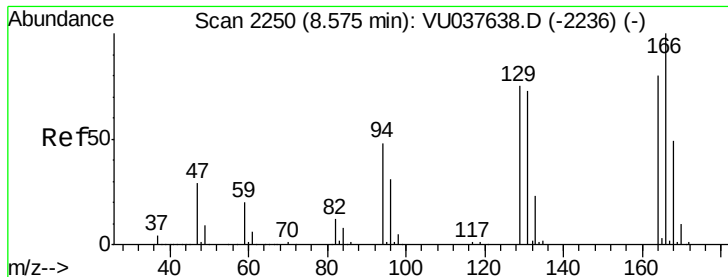
Ion 112.00 (111.70 to 112.70): VU037638.D (-1687) (-)

6.72

Time-->

6.65 6.70 6.75 6.80

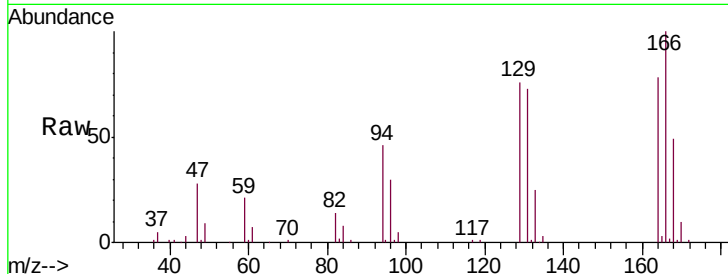




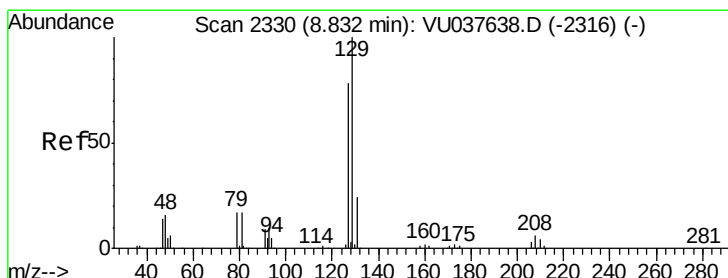
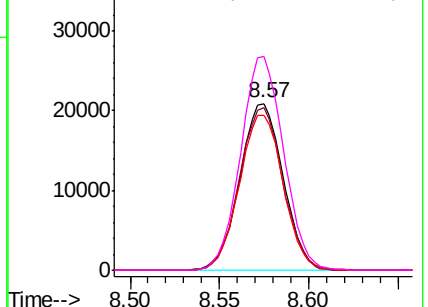
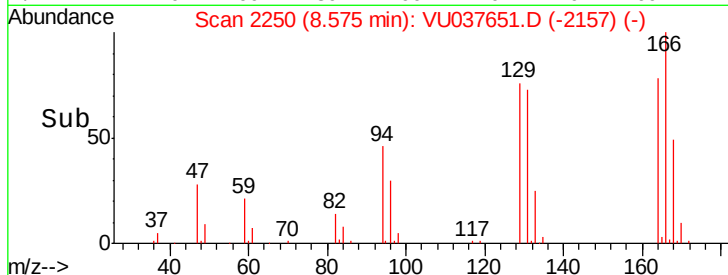
#46
Tetrachloroethene
Concen: 13.318 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
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Instrument :
MSVOA_U
ClientSampleId :
C0ET0

Tgt Ion:164 Resp: 35499
Ion Ratio Lower Upper
164 100
129 97.9 68.0 126.2
131 93.3 65.8 122.2
166 128.2 92.0 170.9

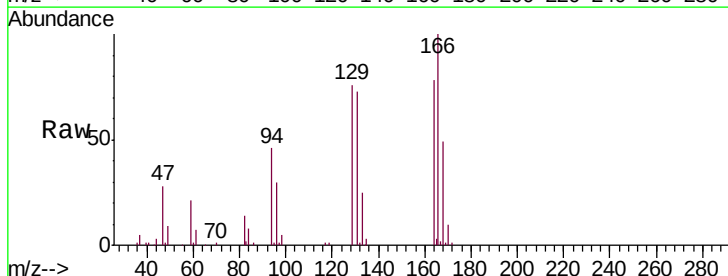


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

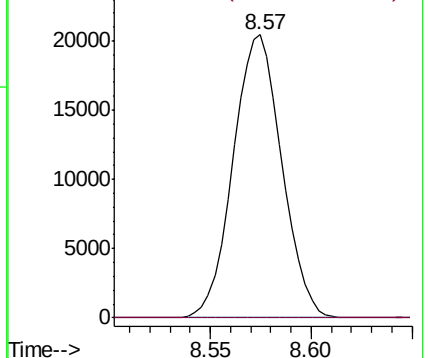
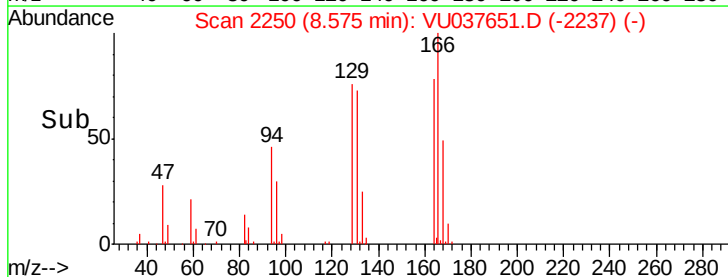


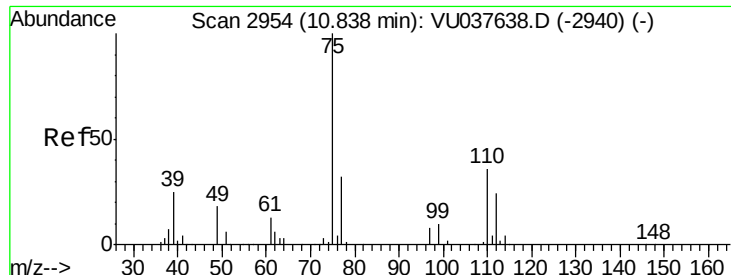
#49
Dibromochloromethane
Concen: 9.010 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU037651.D
Acq: 10 Apr 2020 04:55

Tgt Ion:129 Resp: 34475
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.810 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037651.D

Acq: 10 Apr 2020 04:55

Instrument :

MSVOA_U

ClientSampleId :

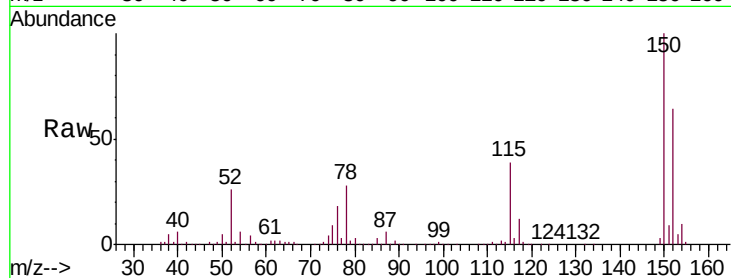
C0ET0

Tgt Ion: 75 Resp: 31561

Ion Ratio Lower Upper

75 100

77 37.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

