

Data File : VU037653.D
Acq On : 10 Apr 2020 05:41
Operator : JC/MD
Sample : L2212-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0ET3

Quant Time: Apr 10 07:39:51 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	499499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	471656	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	224101	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	185218	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.93	69	163064	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.59	63	248212	34.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.76%
21) 2-Butanone-d5	4.66	46	403688	114.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.10%
24) Chloroform-d	5.10	84	329263	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.74	65	234416	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
32) Benzene-d6	5.76	84	701658	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.72	67	237469	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.82%
41) Toluene-d8	7.92	98	633021	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.20	79	118588	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.66	63	286927	108.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	342186	52.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.90%
64) 1,2-Dichlorobenzene-d4	12.20	152	231836	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%

Target Compounds

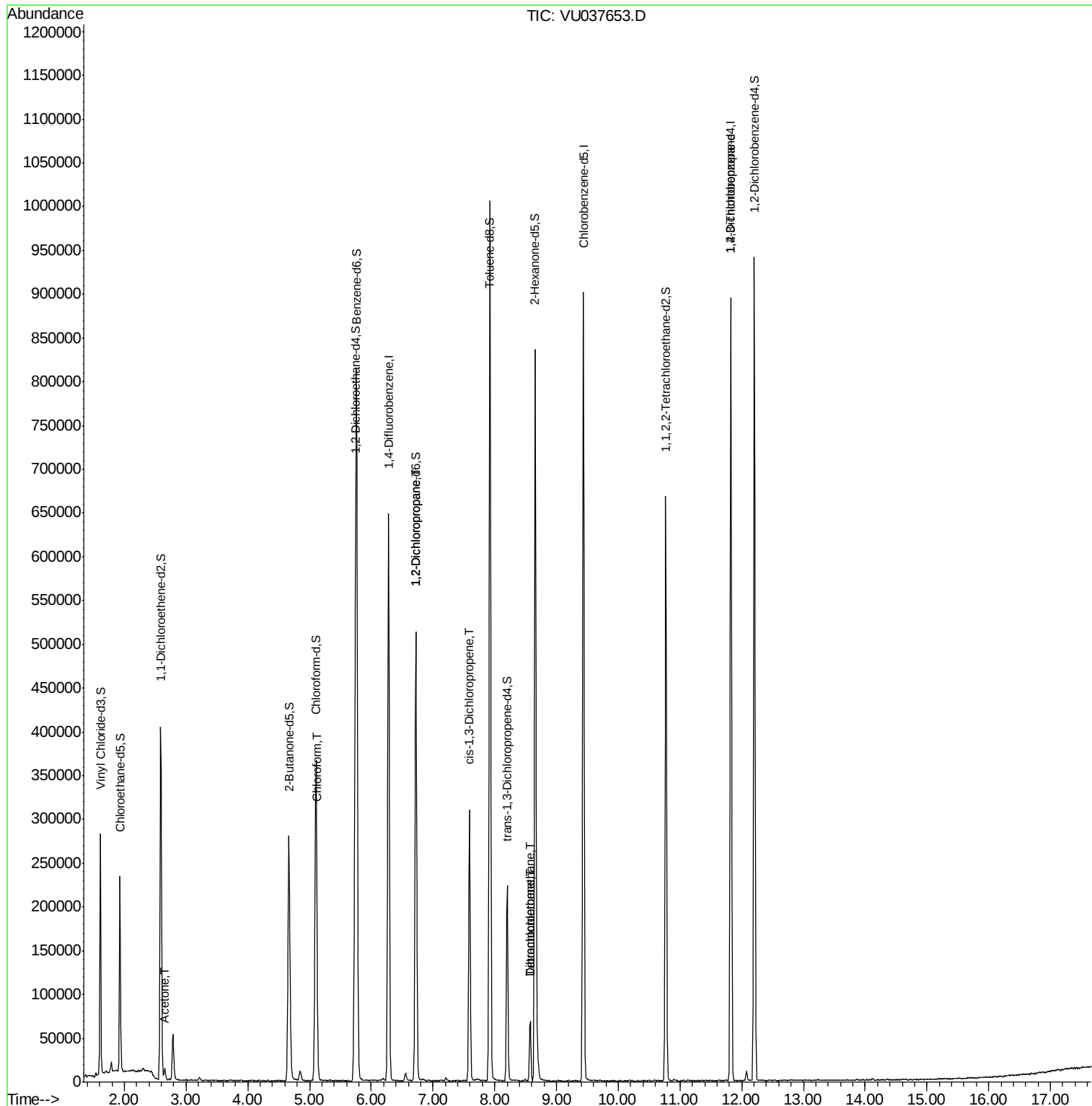
					Qvalue
13) Acetone	2.66	43	13600	6.509	ug/L 100
25) Chloroform	5.12	83	14698	2.326	ug/L 90
37) 1,2-Dichloropropane	6.72	63	25493	6.464	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	6558	1.016	ug/L # 55
46) Tetrachloroethene	8.57	164	14598	5.553	ug/L 94
49) Dibromochloromethane	8.57	129	14089	3.734	ug/L # 10
59) 1,2,3-Trichloropropane	11.82	75	29888	5.578	ug/L 93

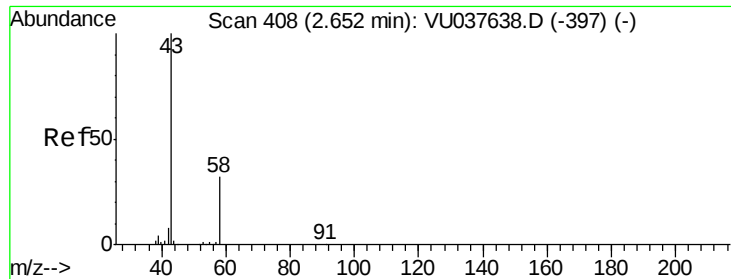
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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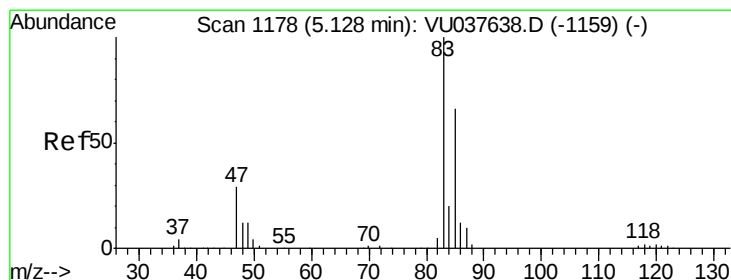
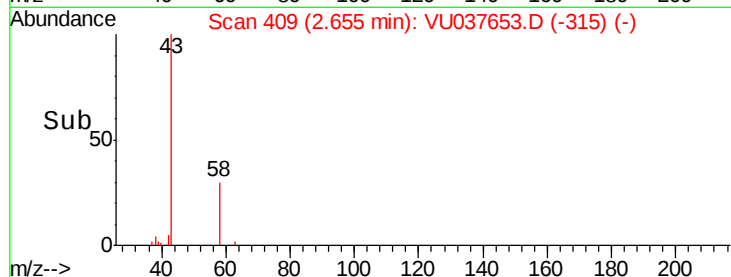
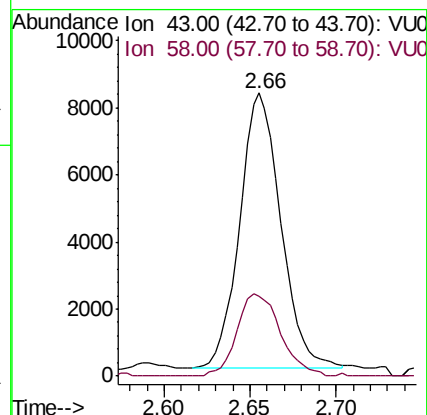
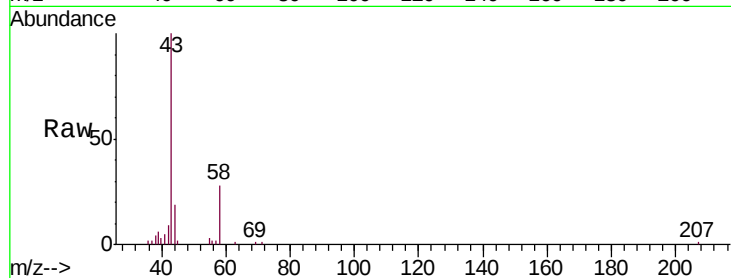




#13
Acetone
Concen: 6.509 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037653.D
Acq: 10 Apr 2020 05:41

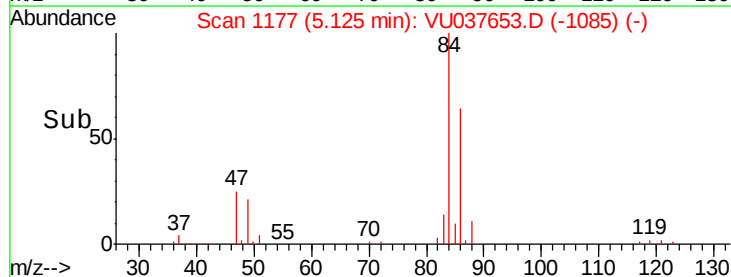
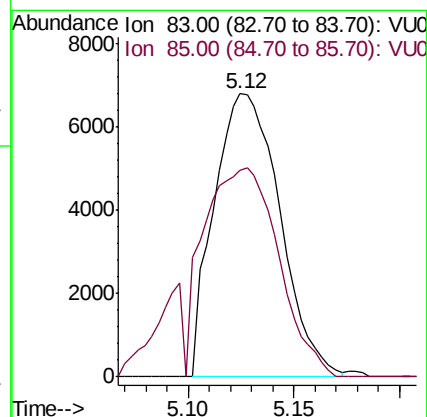
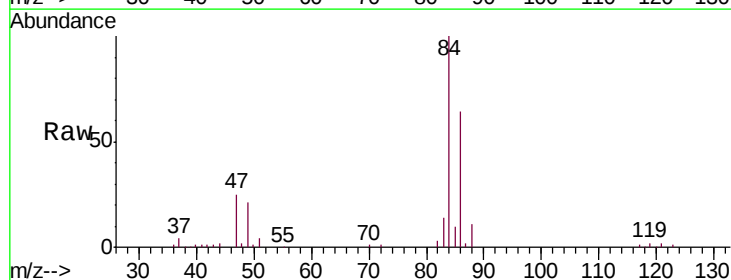
Instrument :
MSVOA_U
ClientSampleId :
C0ET3

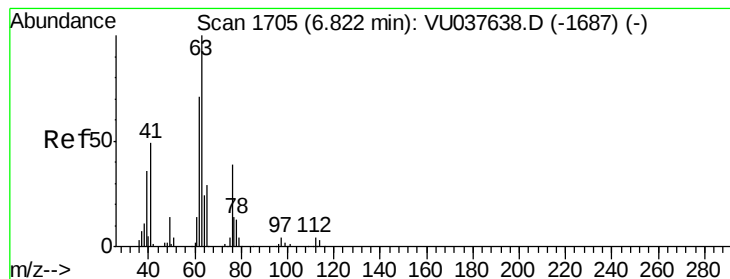
Tgt Ion: 43 Resp: 13600
Ion Ratio Lower Upper
43 100
58 31.7 0.0 63.2



#25
Chloroform
Concen: 2.326 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037653.D
Acq: 10 Apr 2020 05:41

Tgt Ion: 83 Resp: 14698
Ion Ratio Lower Upper
83 100
85 72.9 45.5 84.5





#37

1,2-Dichloropropane

Concen: 6.464 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU037653.D

Acq: 10 Apr 2020 05:41

Instrument :

MSVOA_U

ClientSampled :

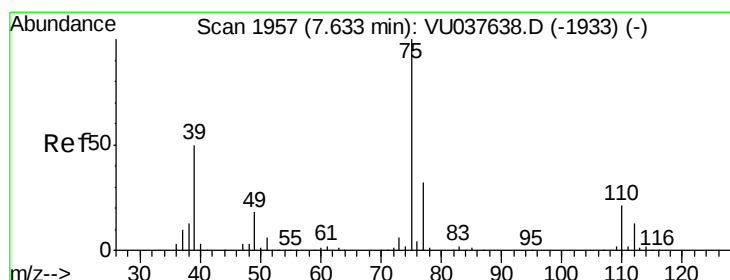
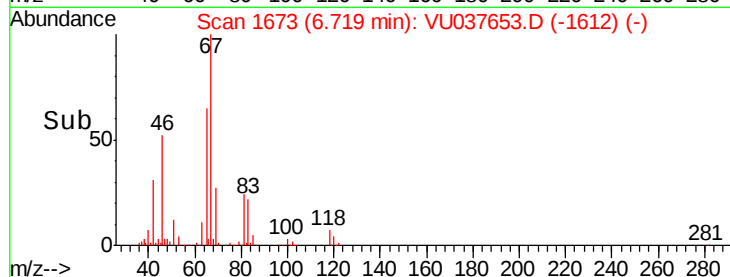
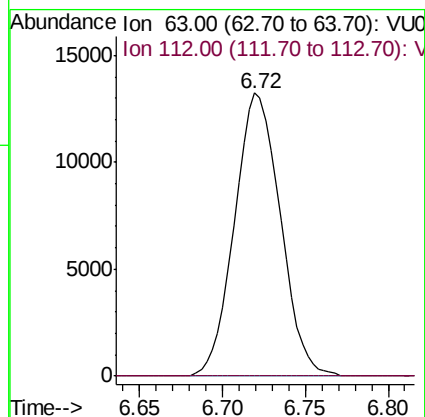
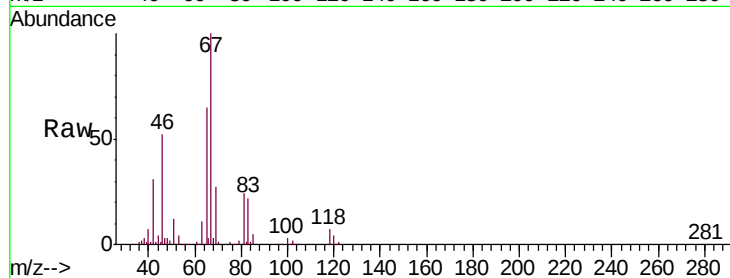
C0ET3

Tgt Ion: 63 Resp: 25493

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 1.016 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037653.D

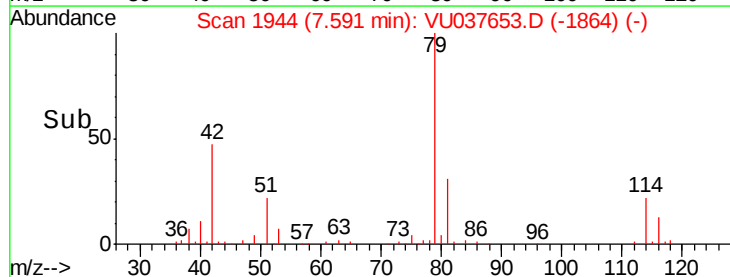
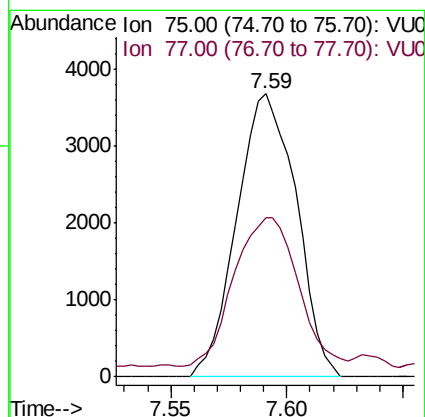
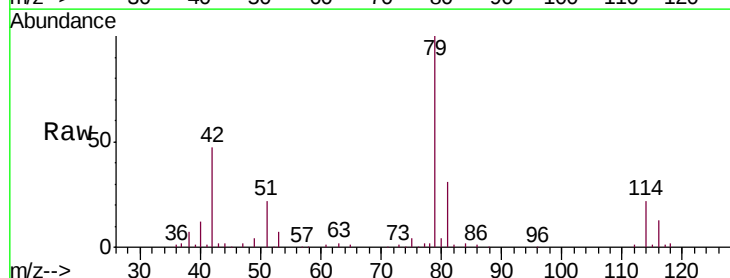
Acq: 10 Apr 2020 05:41

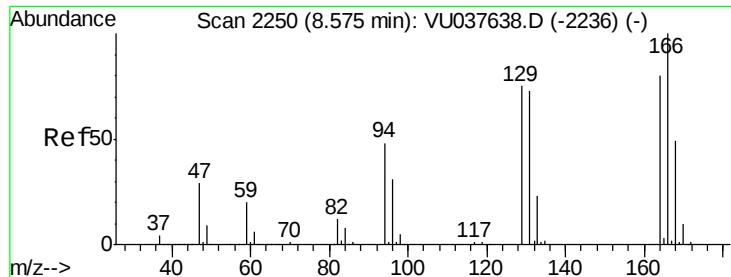
Tgt Ion: 75 Resp: 6558

Ion Ratio Lower Upper

75 100

77 56.3 22.1 41.1#





#46

Tetrachloroethene

Concen: 5.553 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037653.D

Acq: 10 Apr 2020 05:41

Instrument :

MSVOA_U

ClientSampleId :

C0ET3

Tgt Ion:164 Resp: 14598

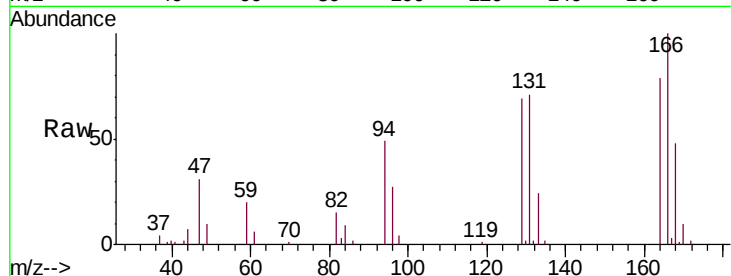
Ion Ratio Lower Upper

164 100

129 88.0 68.0 126.2

131 90.5 65.8 122.2

166 126.7 92.0 170.9

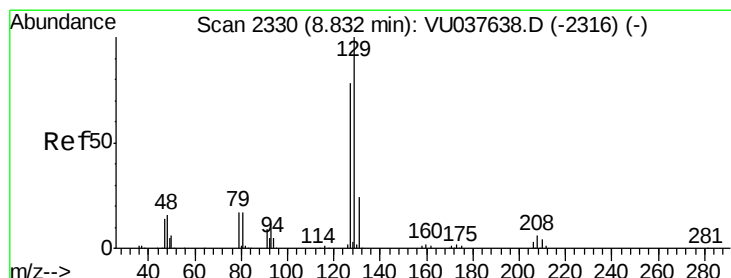
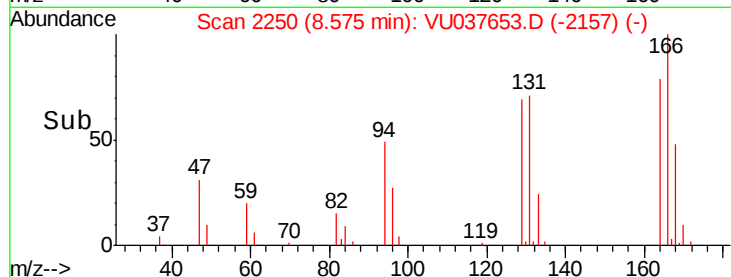
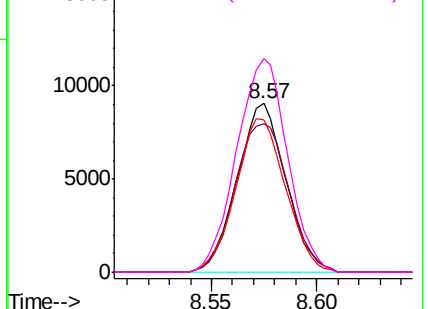


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.734 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037653.D

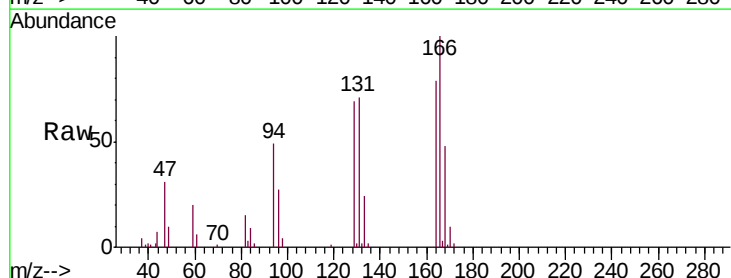
Acq: 10 Apr 2020 05:41

Tgt Ion:129 Resp: 14089

Ion Ratio Lower Upper

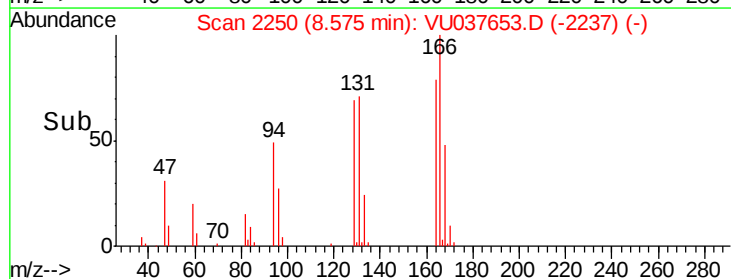
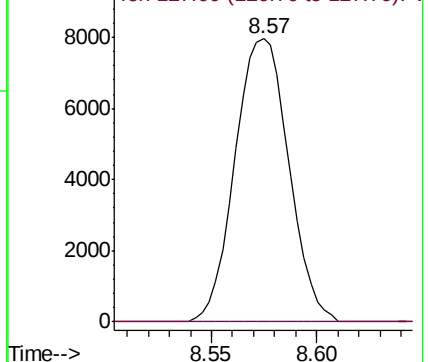
129 100

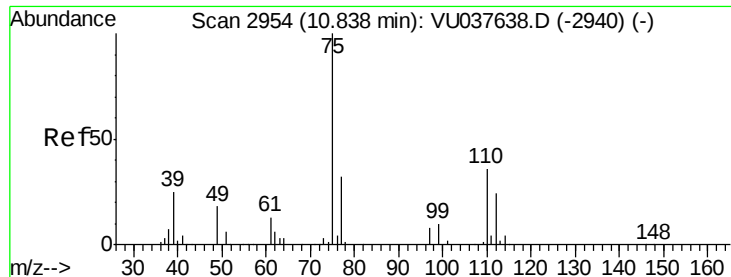
127 0.0 55.2 102.6#



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: 5.578 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037653.D

Acq: 10 Apr 2020 05:41

Instrument :

MSVOA_U

ClientSampleId :

C0ET3

Tgt Ion: 75 Resp: 29888

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4

