

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037656.D
 Acq On : 10 Apr 2020 06:49
 Operator : JC/MD
 Sample : L2212-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 08:40:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 08:38:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	499292	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	474935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	226744	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	182052	41.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.42%
7) Chloroethane-d5	1.93	69	159725	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.59	63	240661	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	4.66	46	391351	110.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.66%
24) Chloroform-d	5.10	84	328649	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.74	65	233147	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.64%
32) Benzene-d6	5.76	84	695028	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.72	67	237463	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.92	98	624420	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	119004	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.65	63	274883	103.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	334673	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	12.20	152	229008	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

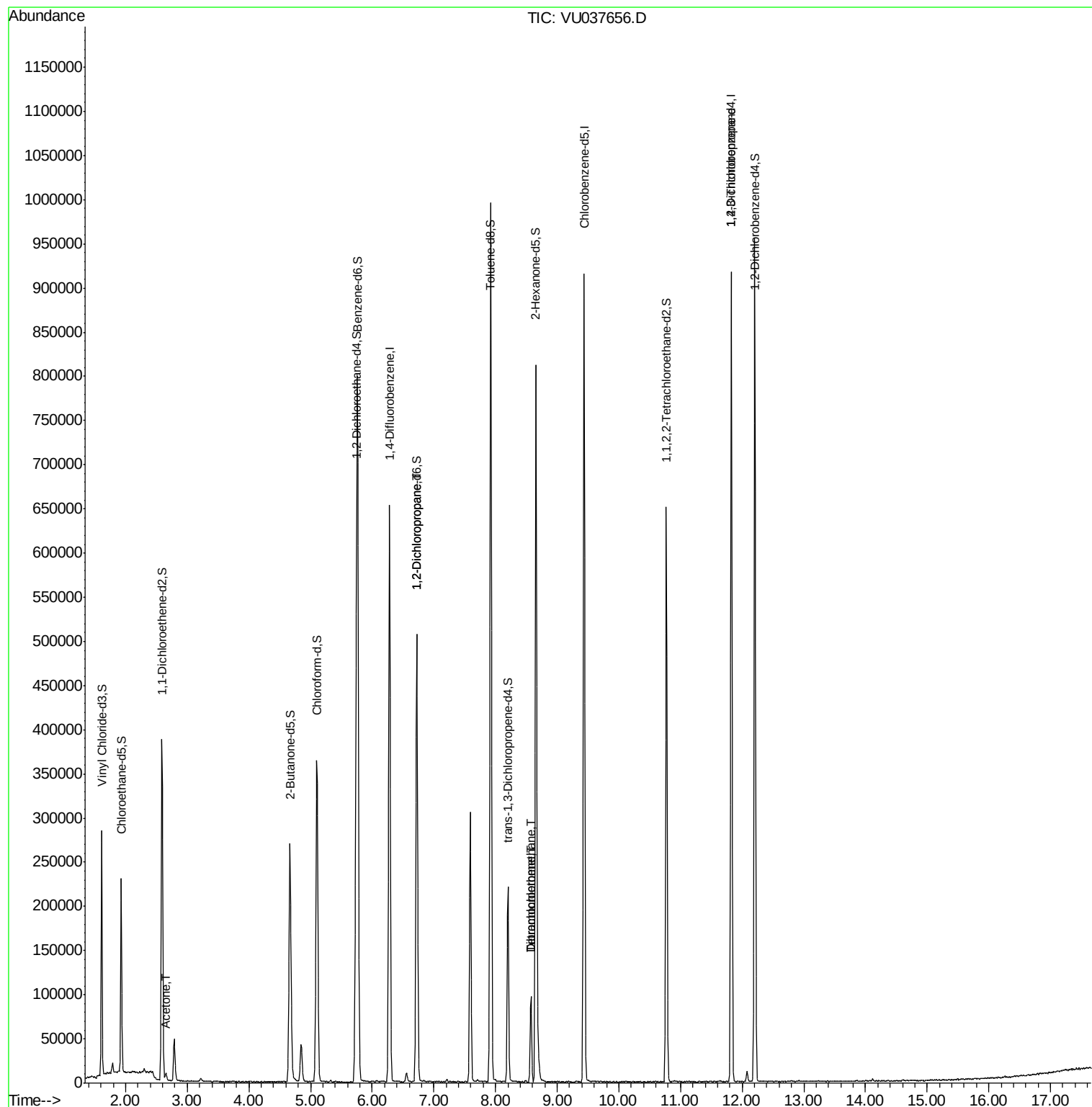
					Ovalue
13) Acetone	2.65	43	9272	4.439 ug/L	99
37) 1,2-Dichloropropane	6.72	63	25791	6.494 ug/L #	87
46) Tetrachloroethene	8.57	164	20291	7.665 ug/L	96
49) Dibromochloromethane	8.57	129	20047	5.276 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	30483	5.650 ug/L	92

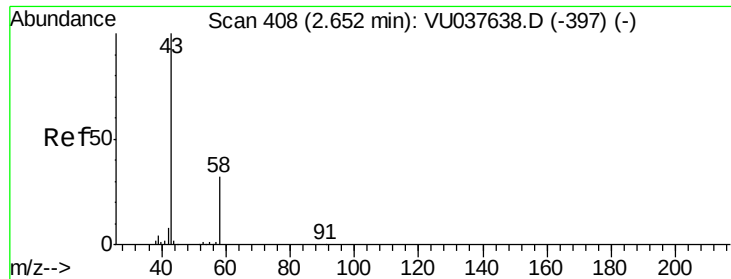
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.439 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037656.D

Acq: 10 Apr 2020 06:49

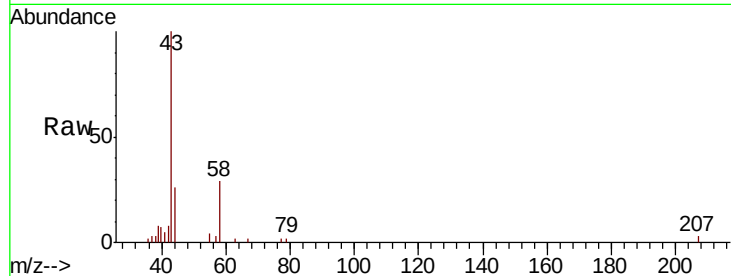
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9272

Ion Ratio Lower Upper

43 100

58 31.3 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) (-)

2.65

6000

5000

4000

3000

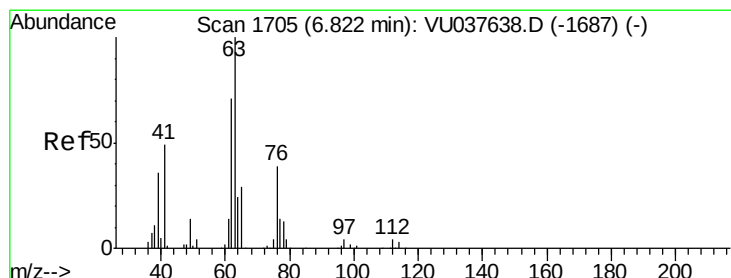
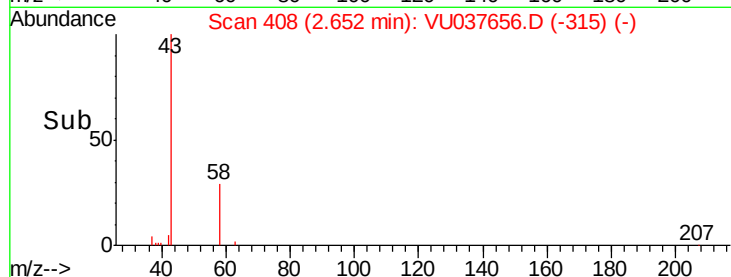
2000

1000

0

Time-->

2.60 2.65 2.70



#37

1,2-Dichloropropane

Concen: 6.494 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037656.D

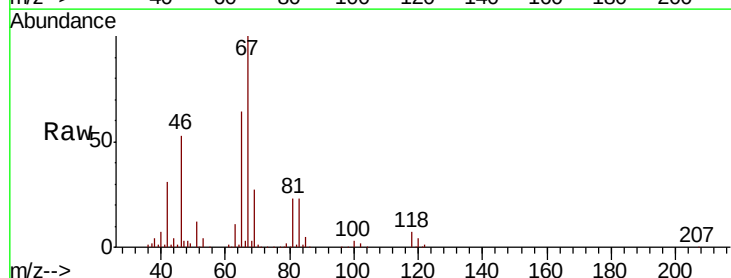
Acq: 10 Apr 2020 06:49

Tgt Ion: 63 Resp: 25791

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

15000

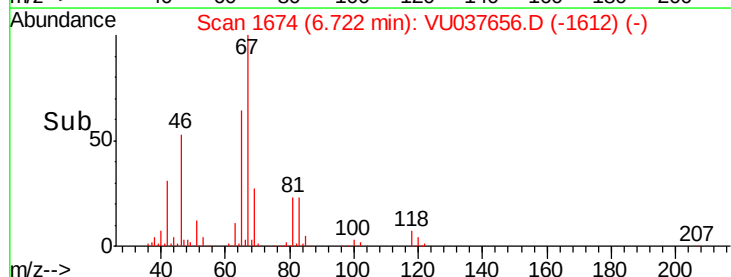
10000

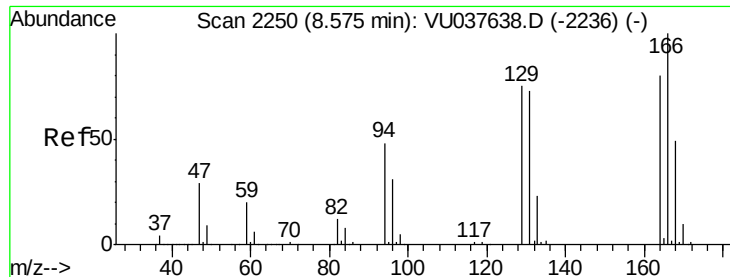
5000

0

Time-->

6.65 6.70 6.75 6.80





#46

Tetrachloroethene

Concen: 7.665 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037656.D

Acq: 10 Apr 2020 06:49

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:164 Resp: 20291

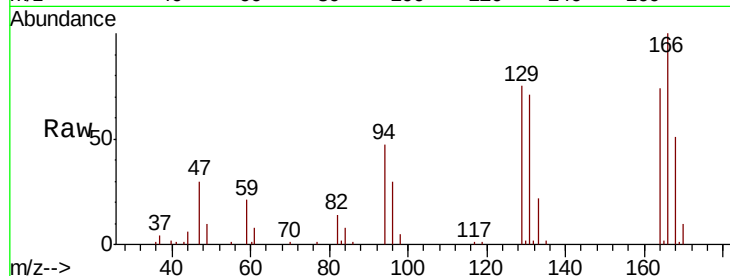
Ion Ratio Lower Upper

164 100

129 102.1 68.0 126.2

131 95.8 65.8 122.2

166 135.7 92.0 170.9

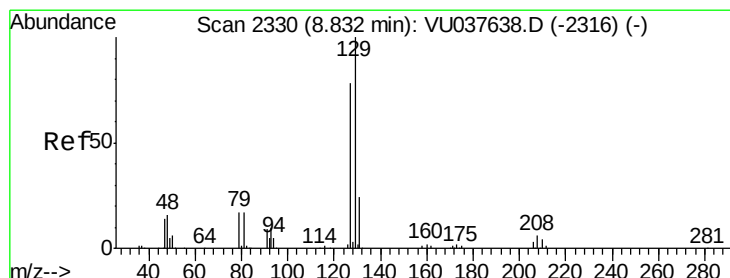
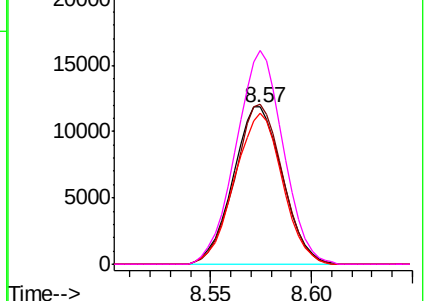
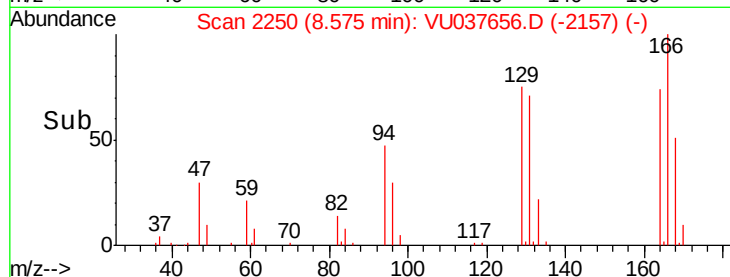


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.276 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037656.D

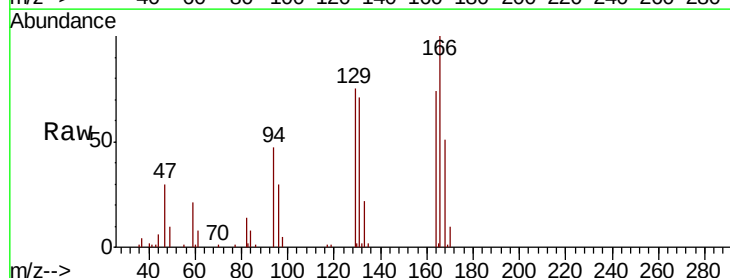
Acq: 10 Apr 2020 06:49

Tgt Ion:129 Resp: 20047

Ion Ratio Lower Upper

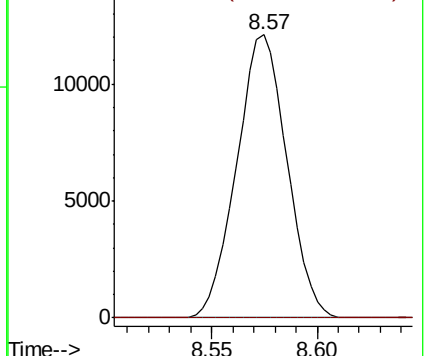
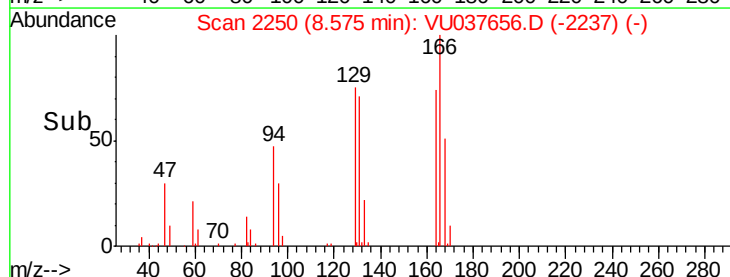
129 100

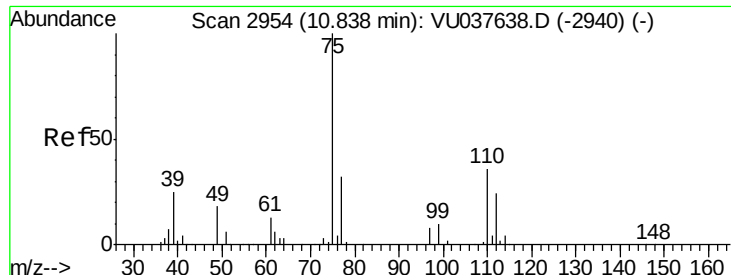
127 0.0 55.2 102.6#



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: 5.650 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037656.D

Acq: 10 Apr 2020 06:49

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 30483

Ion Ratio Lower Upper

75 100

77 36.7 25.6 38.4

