

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037629.D
 Acq On : 09 Apr 2020 19:31
 Operator : JC/MD
 Sample : L1885-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:15:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 03:10:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	533508	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	505873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	243932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	209040	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.93	69	177010	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.92%
11) 1,1-Dichloroethene-d2	2.59	63	268413	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	4.66	46	406065	107.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.46%
24) Chloroform-d	5.10	84	346483	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	5.74	65	241047	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
32) Benzene-d6	5.76	84	747073	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	251228	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.42%
41) Toluene-d8	7.92	98	676681	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%
43) trans-1,3-Dichloropropene-	8.20	79	128254	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	8.65	63	297248	104.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	354743	50.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.38%
64) 1,2-Dichlorobenzene-d4	12.20	152	249417	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

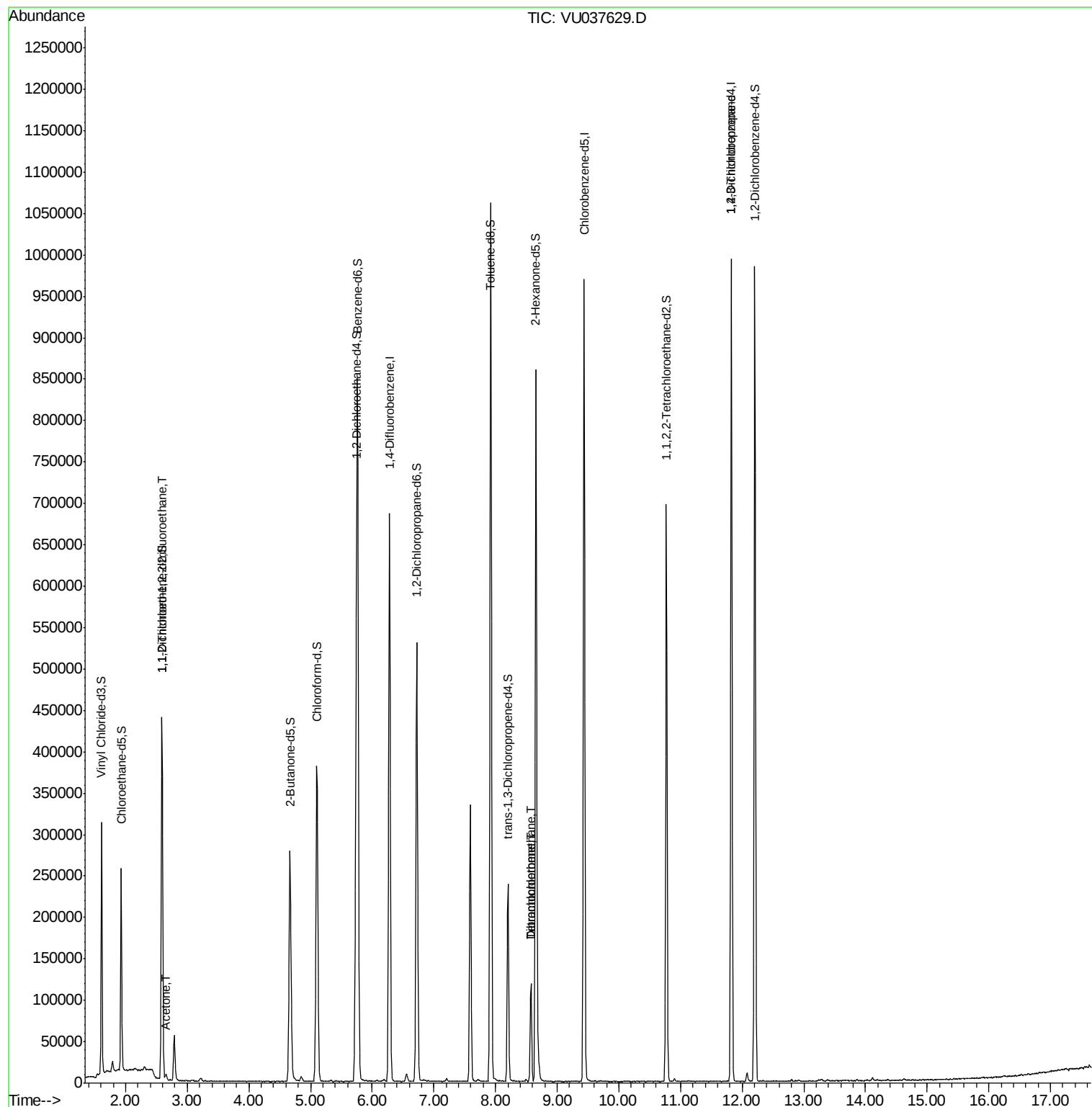
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2440	0.726 ug/L #	23
13) Acetone	2.66	43	7867	3.525 ug/L	99
46) Tetrachloroethene	8.57	164	25723	9.123 ug/L	92
49) Dibromochloromethane	8.57	129	23700	5.856 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	33802	5.882 ug/L	95

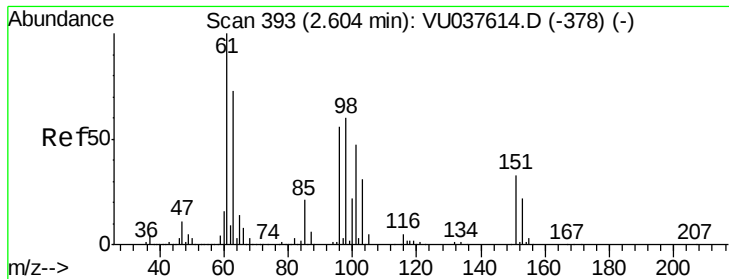
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.726 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037629.D

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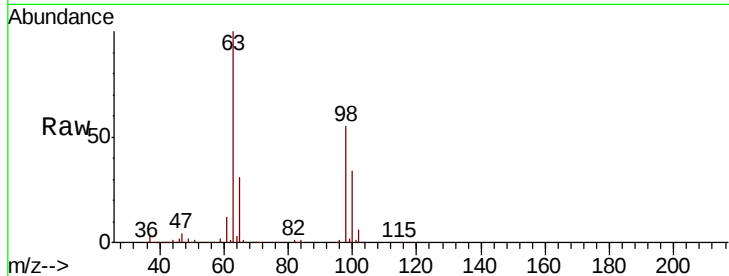
Tot Ion:101 Resp: 2440

Ion Ratio Lower Upper

101 100

85 2.6 34.5 51.7#

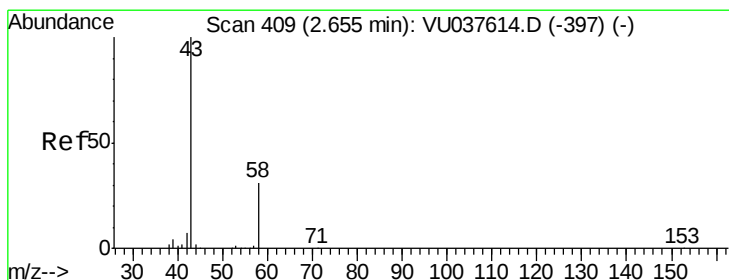
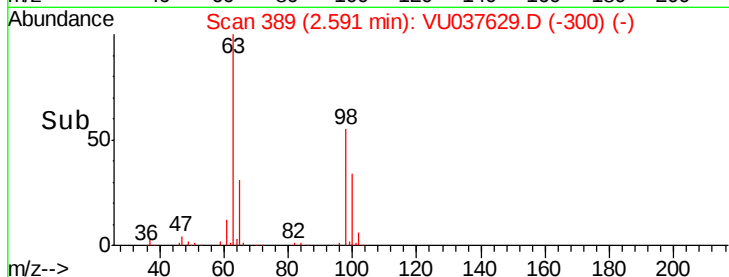
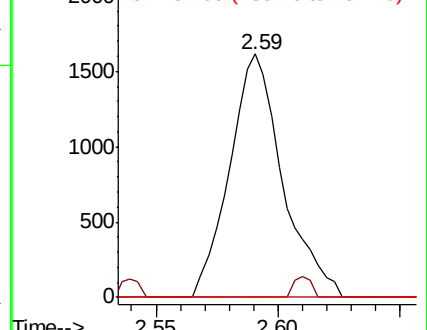
151 0.0 56.8 85.2#



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: 3.525 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037629.D

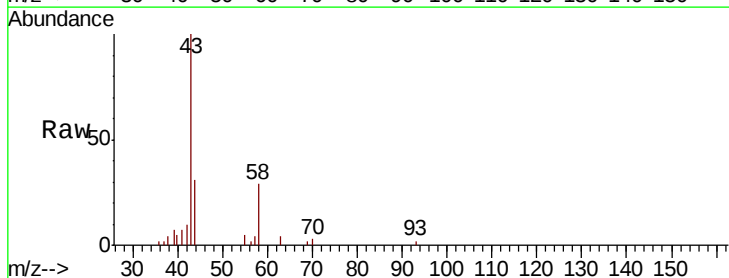
Acq: 09 Apr 2020 19:31

Tgt Ion: 43 Resp: 7867

Ion Ratio Lower Upper

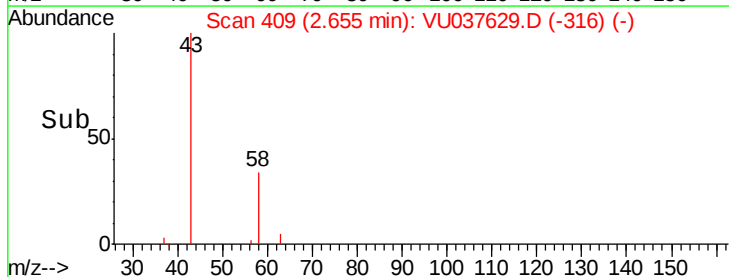
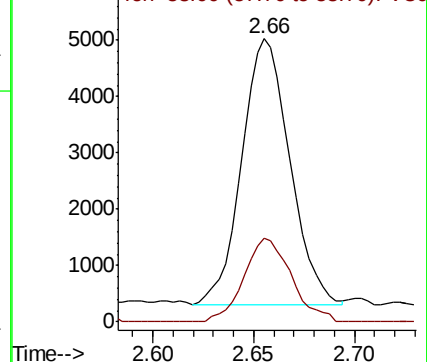
43 100

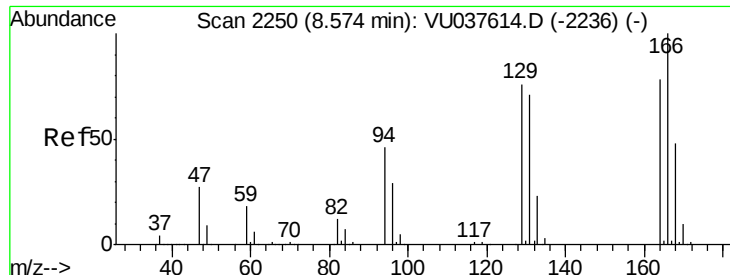
58 31.1 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#46

Tetrachloroethene

Concen: 9.123 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037629.D

Acq: 09 Apr 2020 19:31

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 25723

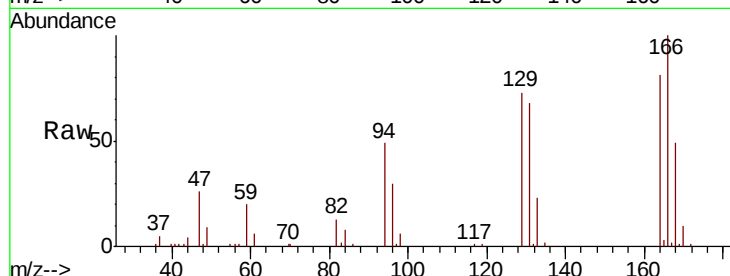
Ion Ratio Lower Upper

164 100

129 90.5 68.0 126.2

131 83.9 65.8 122.2

166 123.3 92.0 170.9

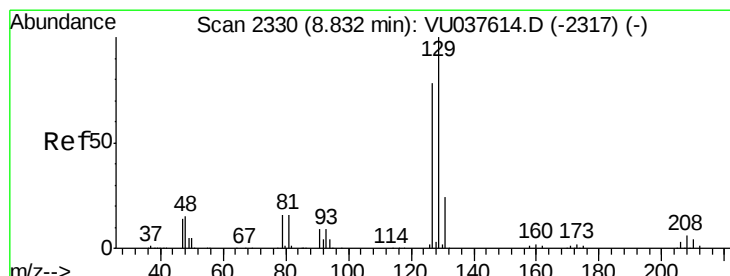
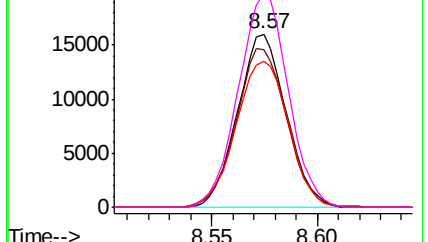
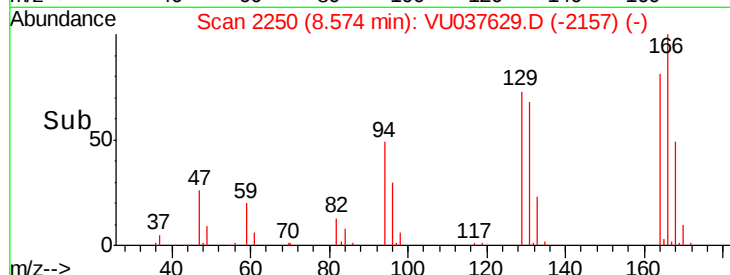


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.856 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU037629.D

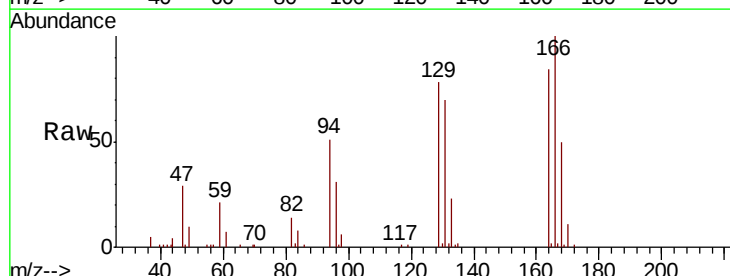
Acq: 09 Apr 2020 19:31

Tgt Ion:129 Resp: 23700

Ion Ratio Lower Upper

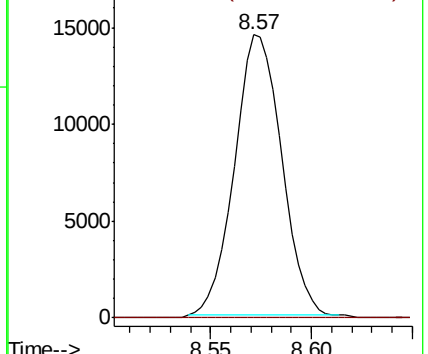
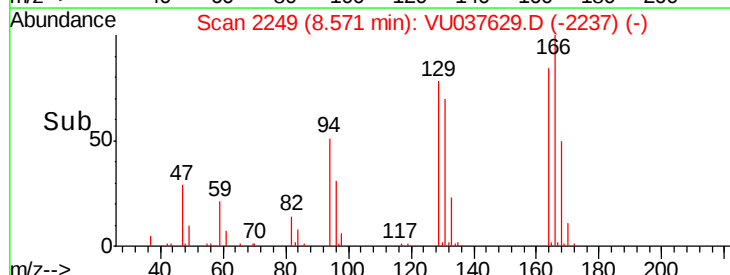
129 100

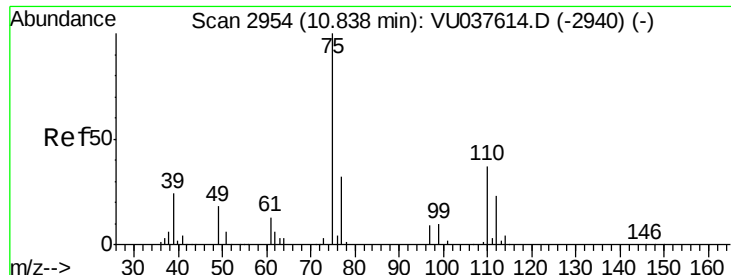
127 0.0 55.2 102.6#



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: 5.882 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037629.D

Acq: 09 Apr 2020 19:31

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 33802

Ion Ratio Lower Upper

75 100

77 35.1 25.6 38.4

