

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010720\
 Data File : VU036395.D
 Acq On : 07 Jan 2020 16:02
 Operator : JC/MD
 Sample : L1042-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRA0

Quant Time: Jan 08 04:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 03:56:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	580388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	567338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	223540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	192253	42.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.02%
7) Chloroethane-d5	1.93	69	173601	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.02%
11) 1,1-Dichloroethene-d2	2.59	63	291352	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
21) 2-Butanone-d5	4.68	46	312279	92.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.73%
24) Chloroform-d	5.11	84	394990	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	5.75	65	272298	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
32) Benzene-d6	5.77	84	794308	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
36) 1,2-Dichloropropane-d6	6.73	67	261563	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.93	98	754869	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%
43) trans-1,3-Dichloropropene-	8.21	79	141210	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.26%
47) 2-Hexanone-d5	8.67	63	246128	90.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.09%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	377441	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	12.22	152	224148	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

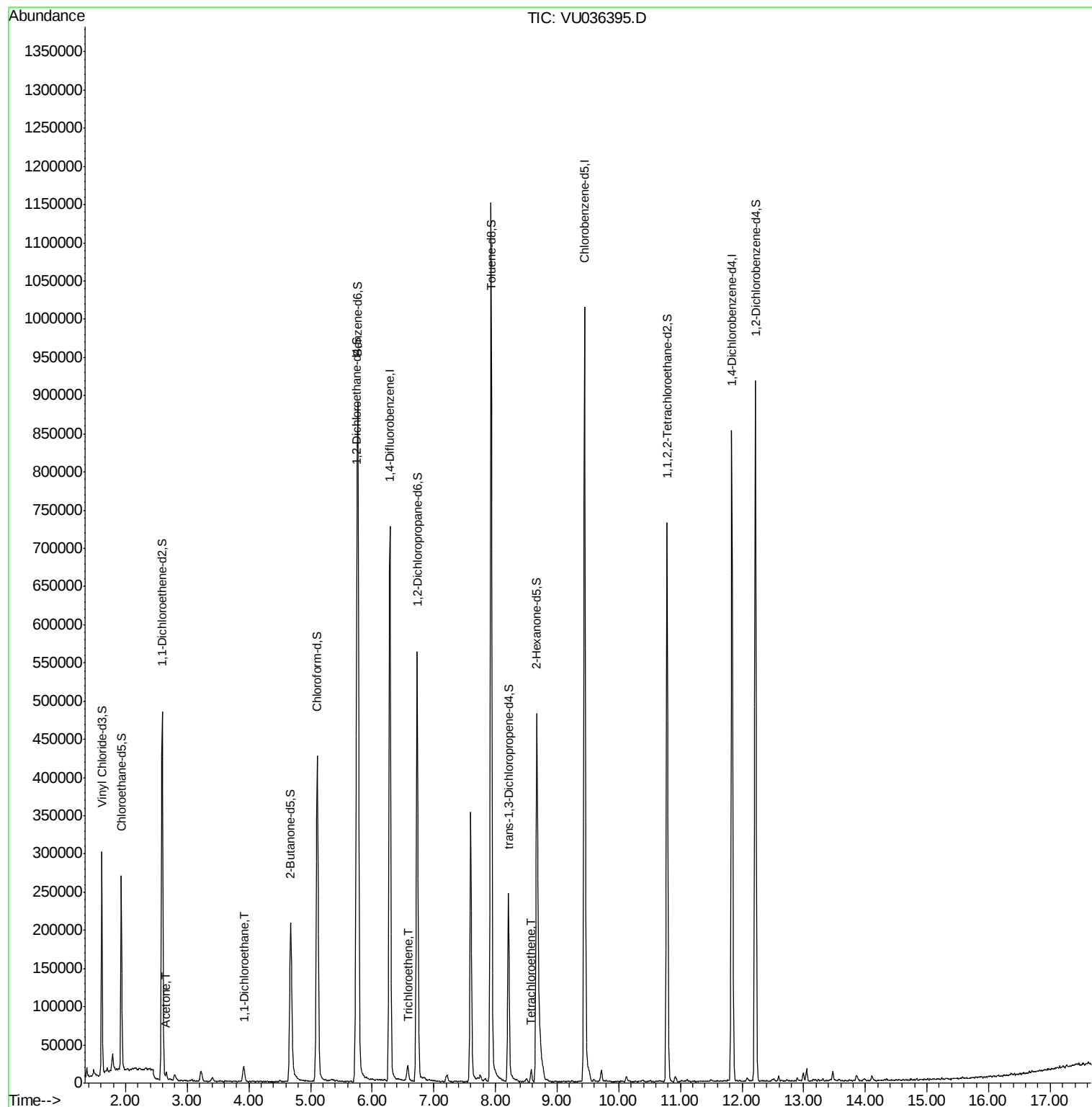
					Qvalue
13) Acetone	2.66	43	7409	2.121 ug/L	95
19) 1,1-Dichloroethane	3.92	63	21703	2.986 ug/L	93
34) Trichloroethene	6.58	95	5938	1.382 ug/L	85
46) Tetrachloroethene	8.58	164	3280	1.061 ug/L	94

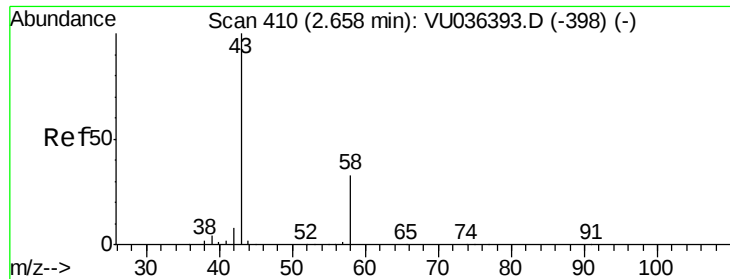
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.121 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036395.D

Acq: 07 Jan 2020 16:02

Instrument :

MSVOA_U

ClientSampleId :

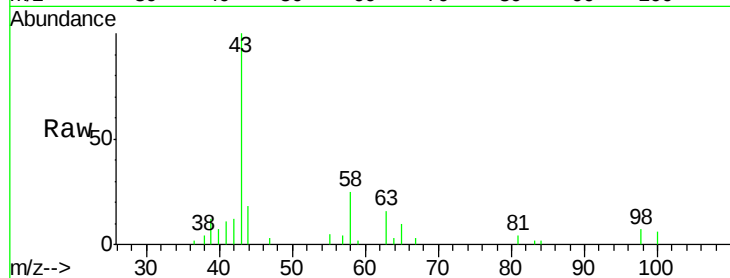
BFRA0

Tgt Ion: 43 Resp: 7409

Ion Ratio Lower Upper

43 100

58 35.9 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036395.D (-411) (-)

Ion 58.00 (57.70 to 58.70): VU036395.D (-411) (-)

2.66

6000

5000

4000

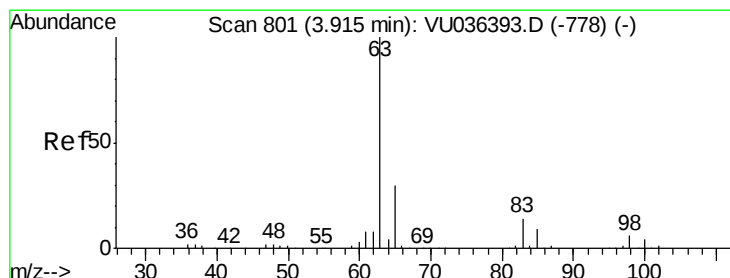
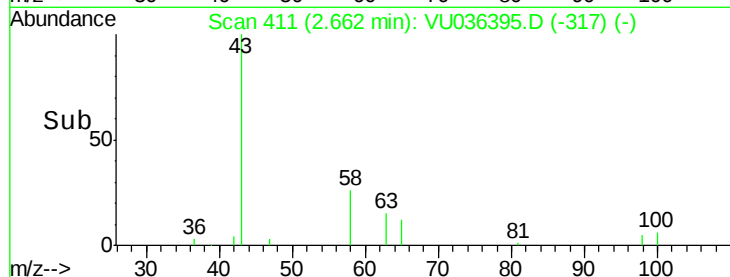
3000

2000

1000

0

Time-->



#19

1,1-Dichloroethane

Concen: 2.986 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036395.D

Acq: 07 Jan 2020 16:02

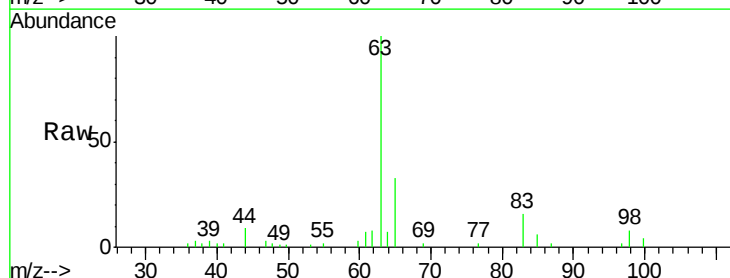
Tgt Ion: 63 Resp: 21703

Ion Ratio Lower Upper

63 100

65 32.5 20.0 37.2

83 16.4 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VU036395.D (-802) (-)

Ion 65.00 (64.70 to 65.70): VU036395.D (-802) (-)

Ion 83.00 (82.70 to 83.70): VU036395.D (-802) (-)

3.92

12000

10000

8000

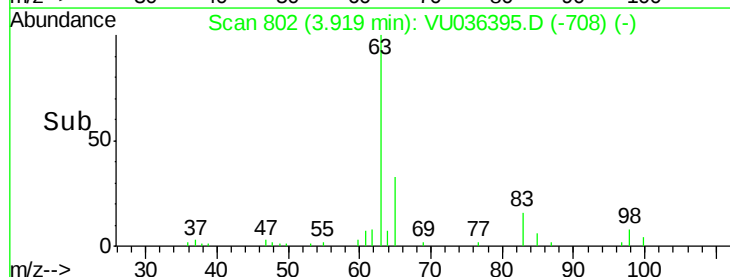
6000

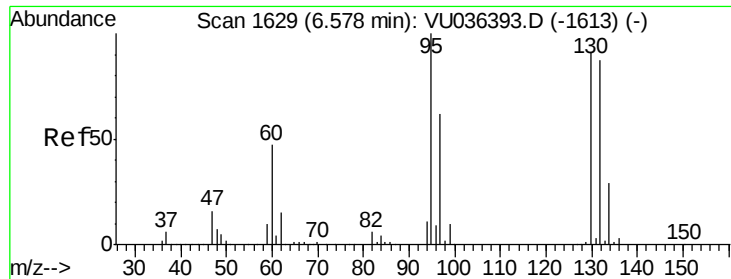
4000

2000

0

Time-->

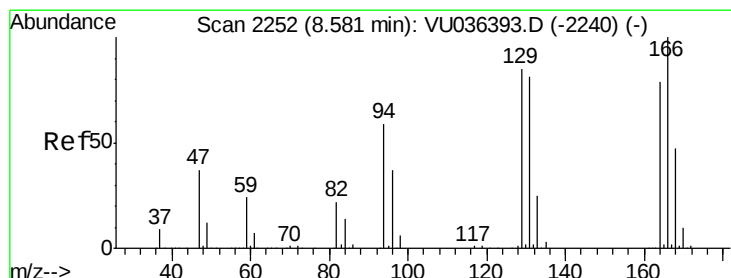
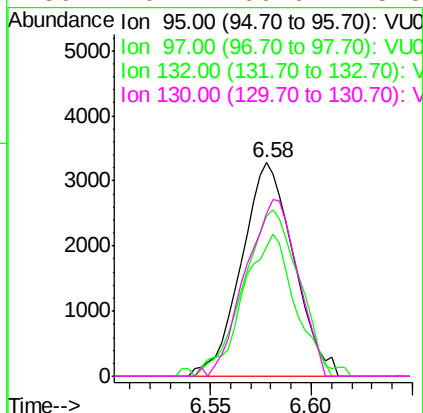
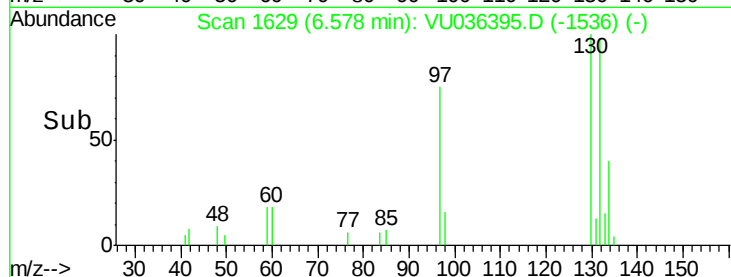
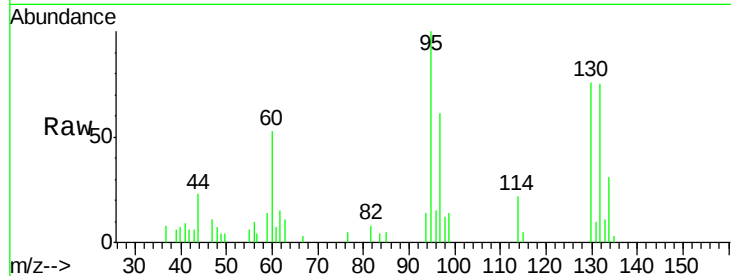




#34
 Trichloroethene
 Concen: 1.382 ug/L
 RT: 6.58 min Scan# 1629
 Delta R.T. 0.00 min
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Tgt Ion:	95	Resp:	5938
Ion	Ratio	Lower	Upper
95	100		
97	60.6	44.5	82.7
132	74.9	64.5	119.9
130	76.1	66.6	123.8



#46
 Tetrachloroethene
 Concen: 1.061 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU036395.D
 Acq: 07 Jan 2020 16:02

Tgt Ion:	164	Resp:	3280
Ion	Ratio	Lower	Upper
164	100		
129	93.9	70.0	130.0
131	97.3	70.1	130.1
166	114.2	87.2	161.9

