

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
 Data File : VU036407.D
 Acq On : 08 Jan 2020 15:05
 Operator : JC/MD
 Sample : L1042-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRA4

Manual Integrations
 APPROVED

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 1/9/2020 3:45:14 PM

Quant Time: Jan 09 11:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 09 03:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	464900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	430954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	173661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142194	39.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.50%
7) Chloroethane-d5	1.93	69	130062	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.12%
11) 1,1-Dichloroethene-d2	2.59	63	225172	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	4.68	46	271574	100.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.67%
24) Chloroform-d	5.11	84	312201	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.75	65	217324	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
32) Benzene-d6	5.77	84	629292	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.90%
36) 1,2-Dichloropropane-d6	6.73	67	207966	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.38%
41) Toluene-d8	7.93	98	584355	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%
43) trans-1,3-Dichloropropene-	8.21	79	105471	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.62%
47) 2-Hexanone-d5	8.67	63	209486	100.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	299793	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	12.22	152	183371	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds					Qvalue
13) Acetone	2.66	43	8183	2.925 ug/L	89
19) 1,1-Dichloroethane	3.91	63	7498m	1.288 ug/L	
34) Trichloroethene	6.58	95	6370	1.952 ug/L	95
46) Tetrachloroethene	8.58	164	9286	3.954 ug/L	92

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

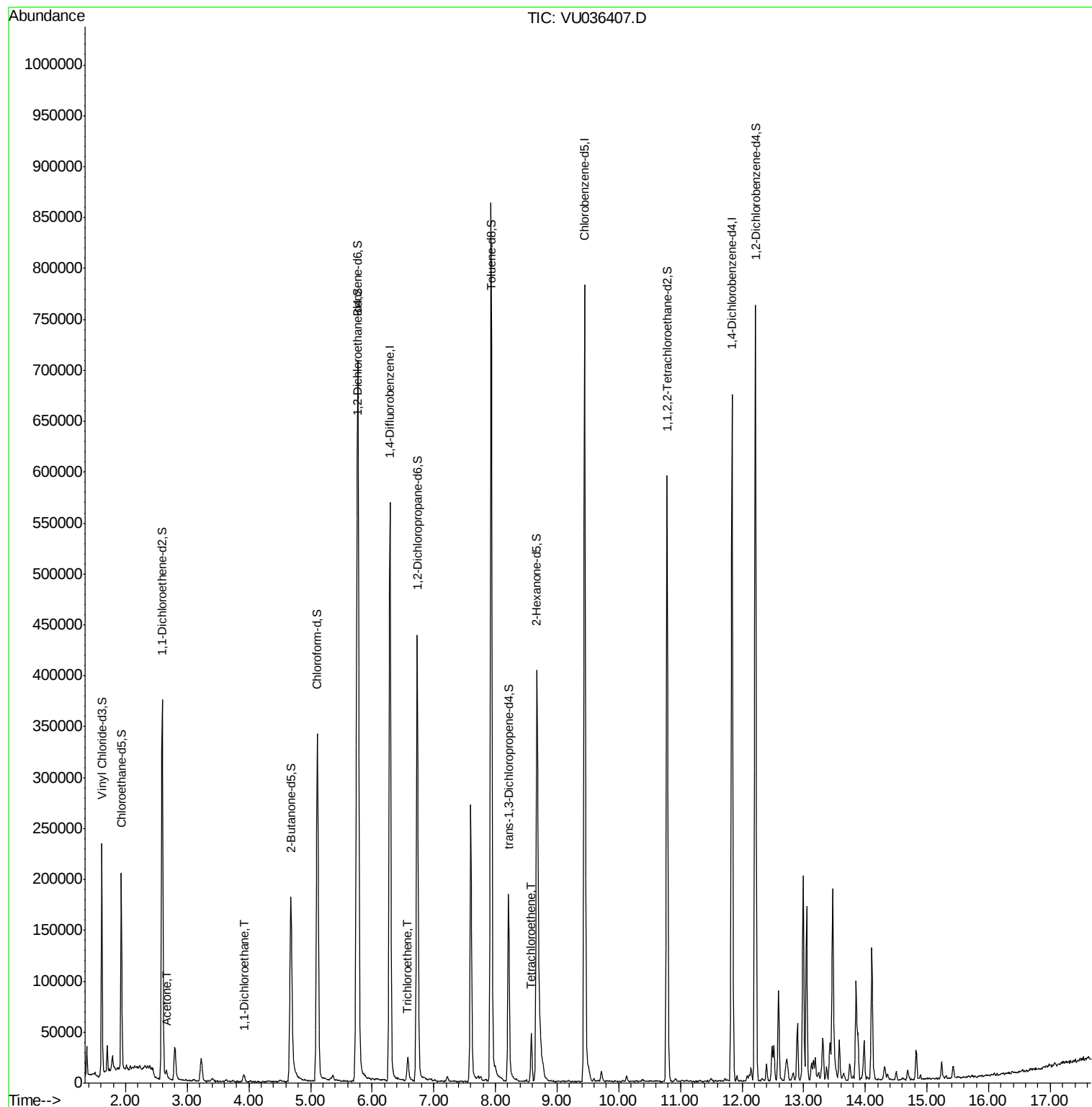
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
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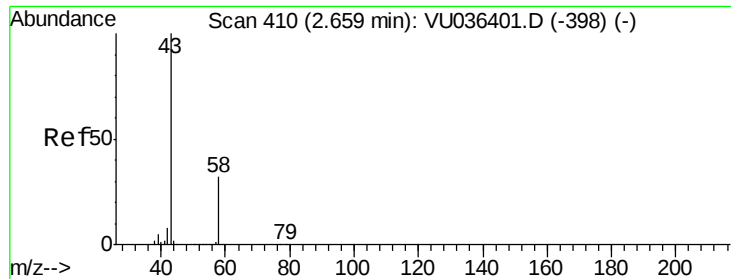
Instrument :
MSVOA_U
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QLast Update : Thu Jan 09 03:50:28 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.925 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

Instrument :

MSVOA_U

ClientSampled :

BFRA4

Tgt Ion: 43 Resp: 8183

Ion Ratio Lower Upper

43 100

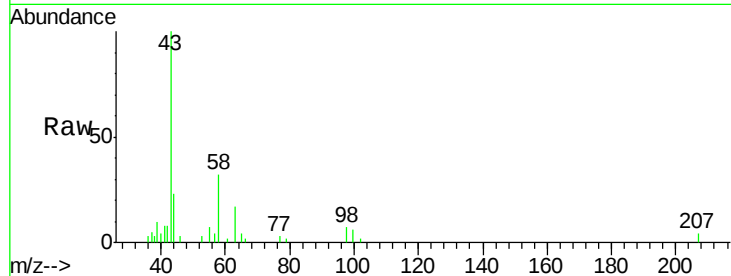
58 39.1 0.0 66.2

Manual Integrations

APPROVED

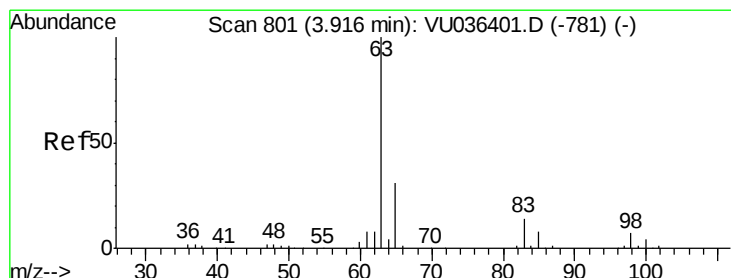
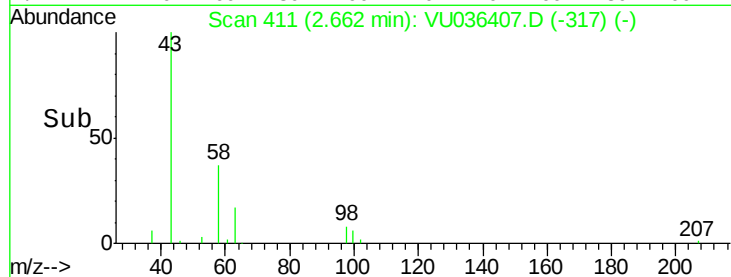
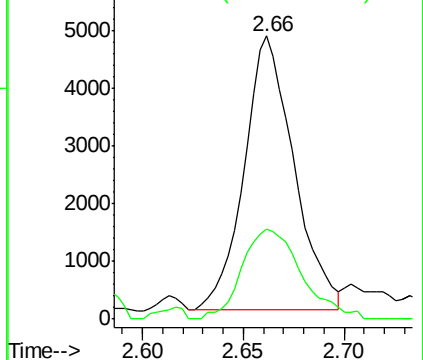
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Abundance Ion 43.00 (42.70 to 43.70): VU036407.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036407.D (-317) (-)



#19

1,1-Dichloroethane

Concen: 1.288 ug/L m

RT: 3.91 min Scan# 800

Delta R.T. -0.00 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

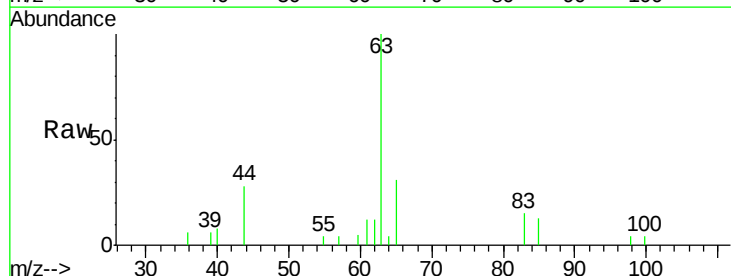
Tgt Ion: 63 Resp: 7498

Ion Ratio Lower Upper

63 100

65 31.2 20.0 37.2

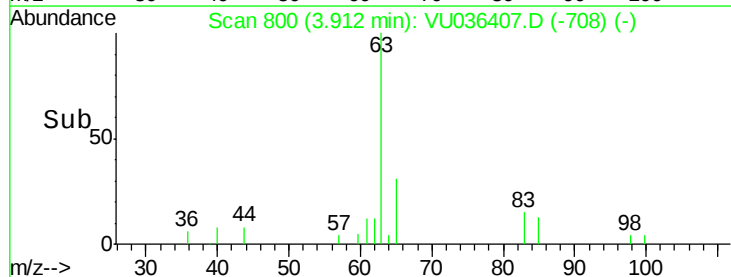
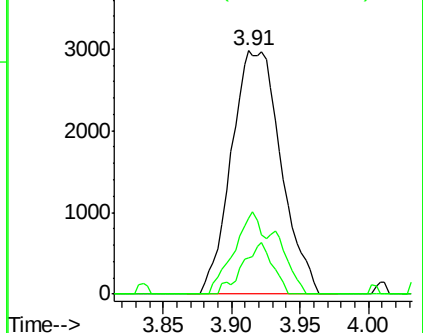
83 14.7 9.6 17.8

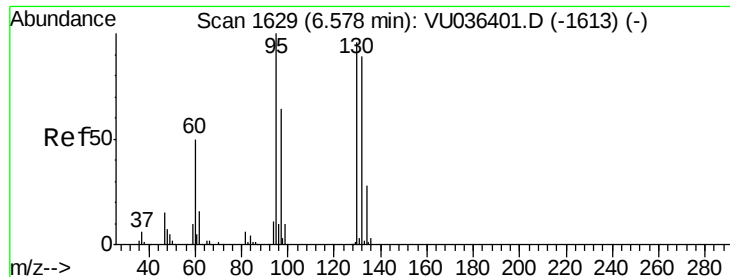


Abundance Ion 63.00 (62.70 to 63.70): VU036407.D (-708) (-)

Ion 65.00 (64.70 to 65.70): VU036407.D (-708) (-)

Ion 83.00 (82.70 to 83.70): VU036407.D (-708) (-)





#34

Trichloroethene

Concen: 1.952 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036407.D

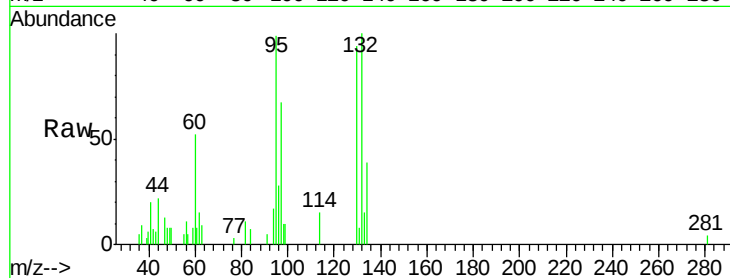
Acq: 08 Jan 2020 15:05

Instrument :

MSVOA_U

ClientSampleId :

BFRA4



Tgt Ion: 95 Resp: 6370

Ion Ratio Lower Upper

95 100

97 68.1 44.5 82.7

132 101.3 64.5 119.9

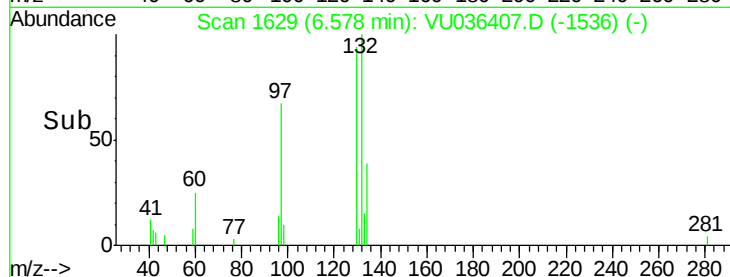
130 95.0 66.6 123.8

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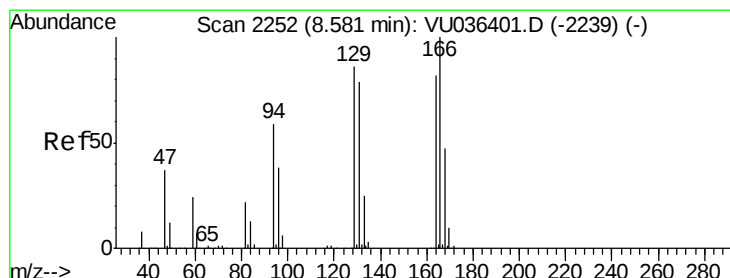
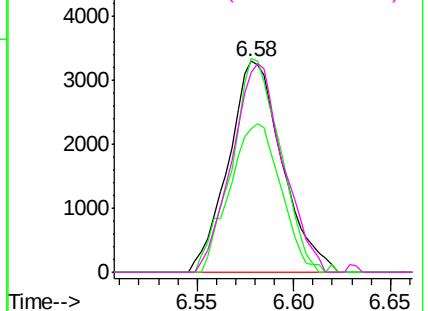


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

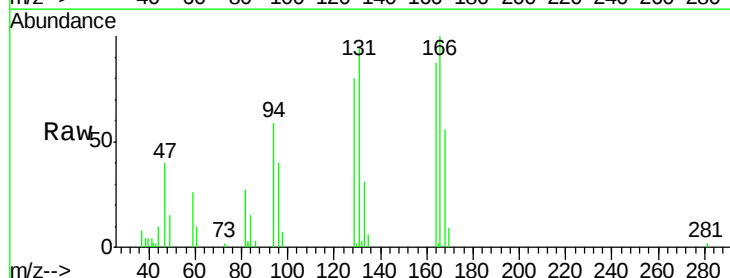
Concen: 3.954 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05



Tgt Ion: 164 Resp: 9286

Ion Ratio Lower Upper

164 100

129 92.7 70.0 130.0

131 108.0 70.1 130.1

166 115.2 87.2 161.9

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

