

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080719\
 Data File : VU033615.D
 Acq On : 07 Aug 2019 14:32
 Operator : JC/SP
 Sample : K4202-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B61

Quant Time: Aug 08 03:17:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 03:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	299585	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	96844	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.16%
7) Chloroethane-d5	1.67	69	95971	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.94%
11) 1,1-Dichloroethene-d2	2.26	63	129887	35.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.06%
21) 2-Butanone-d5	4.16	46	167165	107.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.78%
24) Chloroform-d	4.62	84	185235	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
26) 1,2-Dichloroethane-d4	5.29	65	121505	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.74%
32) Benzene-d6	5.32	84	354353	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
36) 1,2-Dichloropropane-d6	6.31	67	119814	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.55	98	299655	43.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.64%
43) trans-1,3-Dichloropropene-	7.83	79	53830	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.30	63	118069	101.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.47%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	191677	52.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	130904	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%

Target Compounds

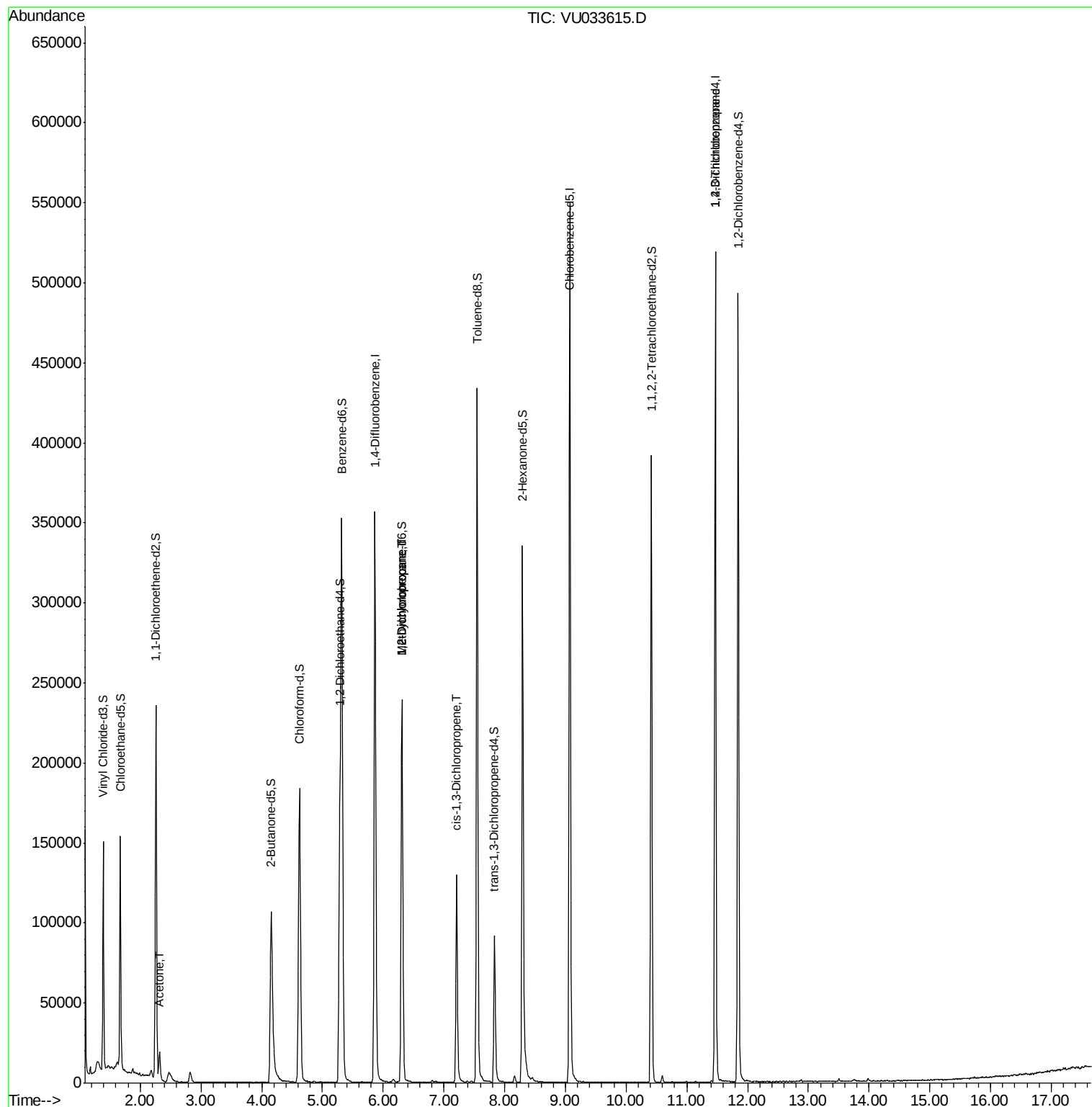
					Qvalue
13) Acetone	2.32	43	21059	13.631 ug/L	99
35) Methylcyclohexane	6.31	83	27731	7.558 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	12841	5.196 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3388	0.901 ug/L #	63
59) 1,2,3-Trichloropropane	11.47	75	16113	4.978 ug/L	95

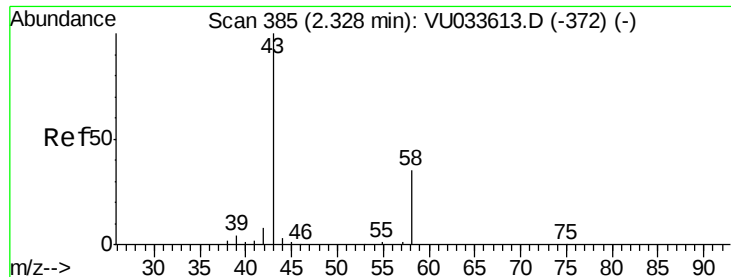
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.631 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU033615.D

Acq: 07 Aug 2019 14:32

Instrument :

MSVOA_U

ClientSampleId :

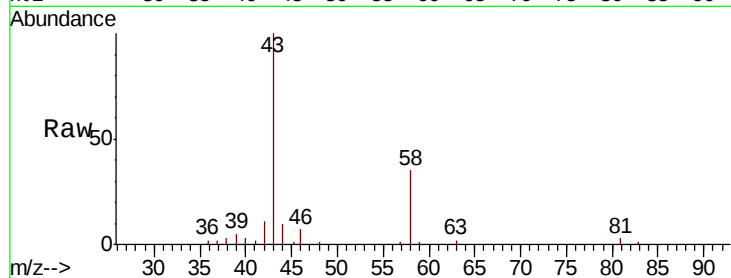
F2B61

Tgt Ion: 43 Resp: 21059

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033613.D (-372) (-)

Ion 58.00 (57.70 to 58.70): VU033613.D (-372) (-)

2.32

12000

10000

8000

6000

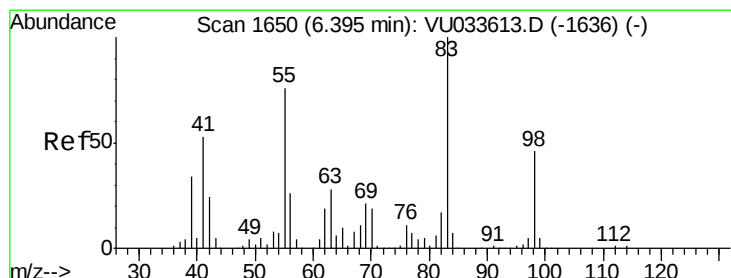
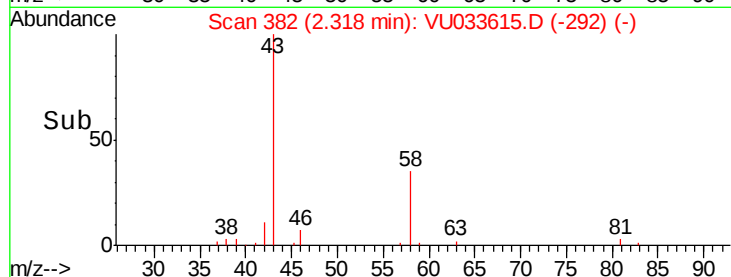
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#35

Methylcyclohexane

Concen: 7.558 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.09 min

Lab File: VU033615.D

Acq: 07 Aug 2019 14:32

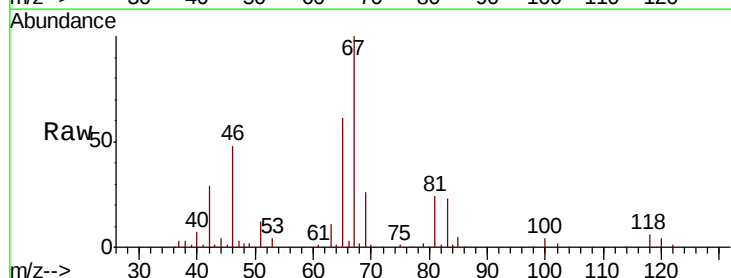
Tgt Ion: 83 Resp: 27731

Ion Ratio Lower Upper

83 100

55 0.2 60.1 90.1#

98 0.0 36.8 55.2#



Abundance Ion 83.00 (82.70 to 83.70): VU033613.D (-1636) (-)

Ion 55.00 (54.70 to 55.70): VU033613.D (-1636) (-)

Ion 98.00 (97.70 to 98.70): VU033613.D (-1636) (-)

6.31

15000

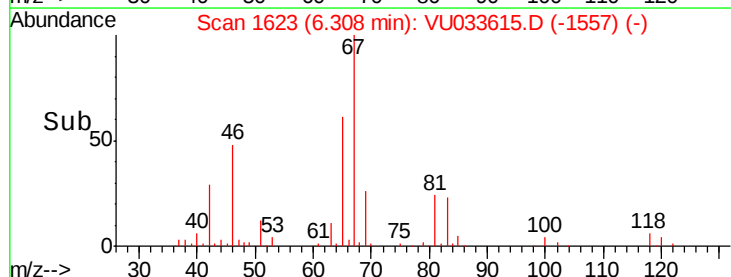
10000

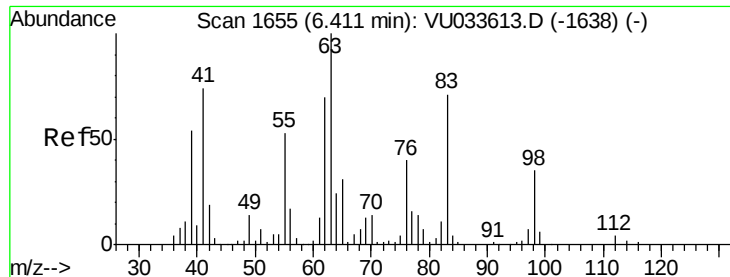
5000

0

Time-->

6.25 6.30 6.35

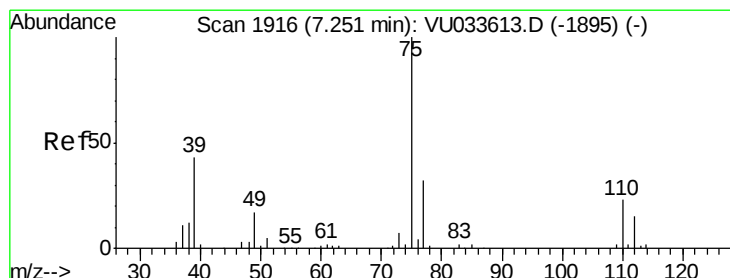
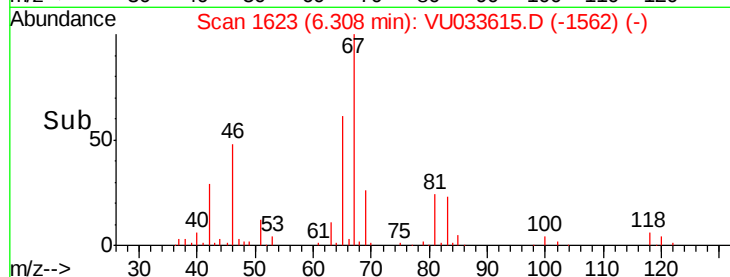
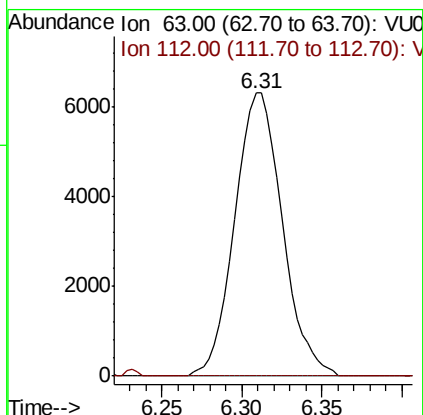
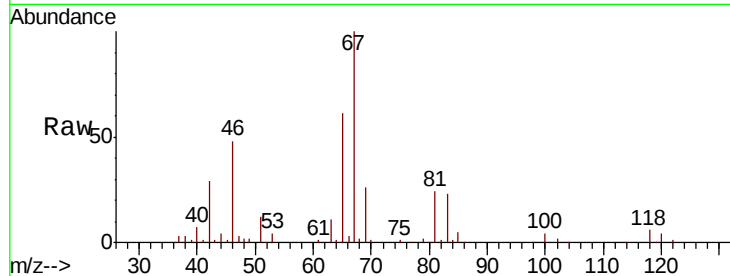




#37
 1,2-Dichloropropane
 Concen: 5.196 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033615.D
 Acq: 07 Aug 2019 14:32

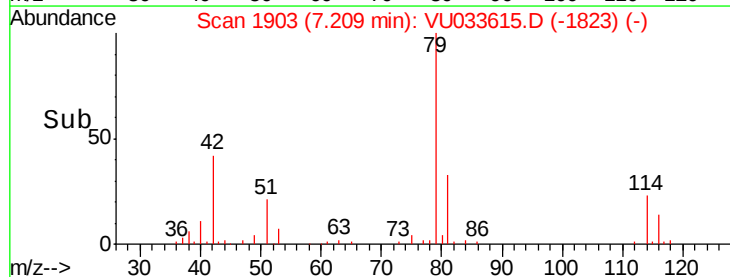
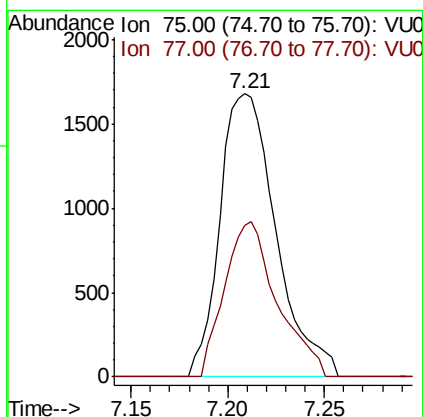
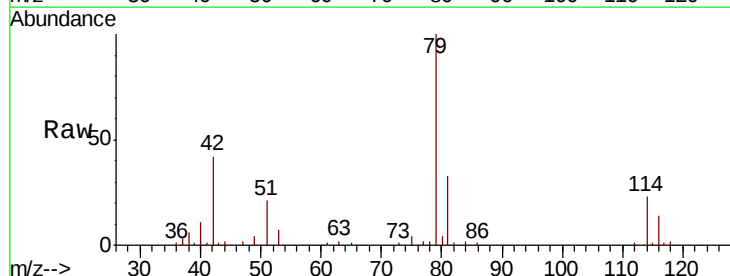
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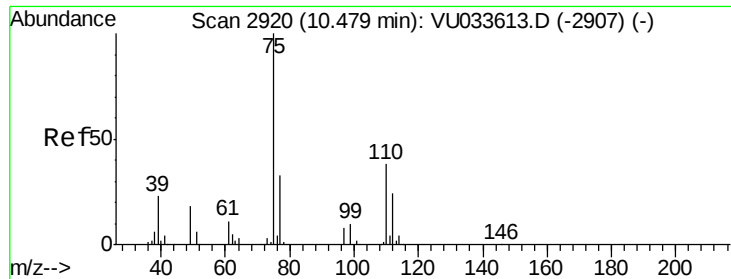
Tgt Ion: 63 Resp: 12841
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.901 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033615.D
 Acq: 07 Aug 2019 14:32

Tgt Ion: 75 Resp: 3388
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.7 42.3#





#59

1,2,3-Trichloropropane

Concen: 4.978 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033615.D

Acq: 07 Aug 2019 14:32

Instrument :

MSVOA_U

ClientSampleId :

F2B61

Tgt Ion: 75 Resp: 16113

Ion Ratio Lower Upper

75 100

77 35.1 25.7 38.5

