

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080719\
 Data File : VU033617.D
 Acq On : 07 Aug 2019 15:22
 Operator : JC/SP
 Sample : K4202-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B61

Quant Time: Aug 08 03:17:35 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	314766	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	314417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	145590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	96844	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.28%
7) Chloroethane-d5	1.67	69	92954	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.92%
11) 1,1-Dichloroethene-d2	2.26	63	129079	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.28%
21) 2-Butanone-d5	4.16	46	172369	105.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.77%
24) Chloroform-d	4.62	84	189207	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
26) 1,2-Dichloroethane-d4	5.29	65	124535	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
32) Benzene-d6	5.32	84	356622	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
36) 1,2-Dichloropropane-d6	6.31	67	122828	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.55	98	304651	42.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.16%
43) trans-1,3-Dichloropropene-	7.83	79	53194	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.30	63	119732	99.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	194871	51.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	136251	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%

Target Compounds

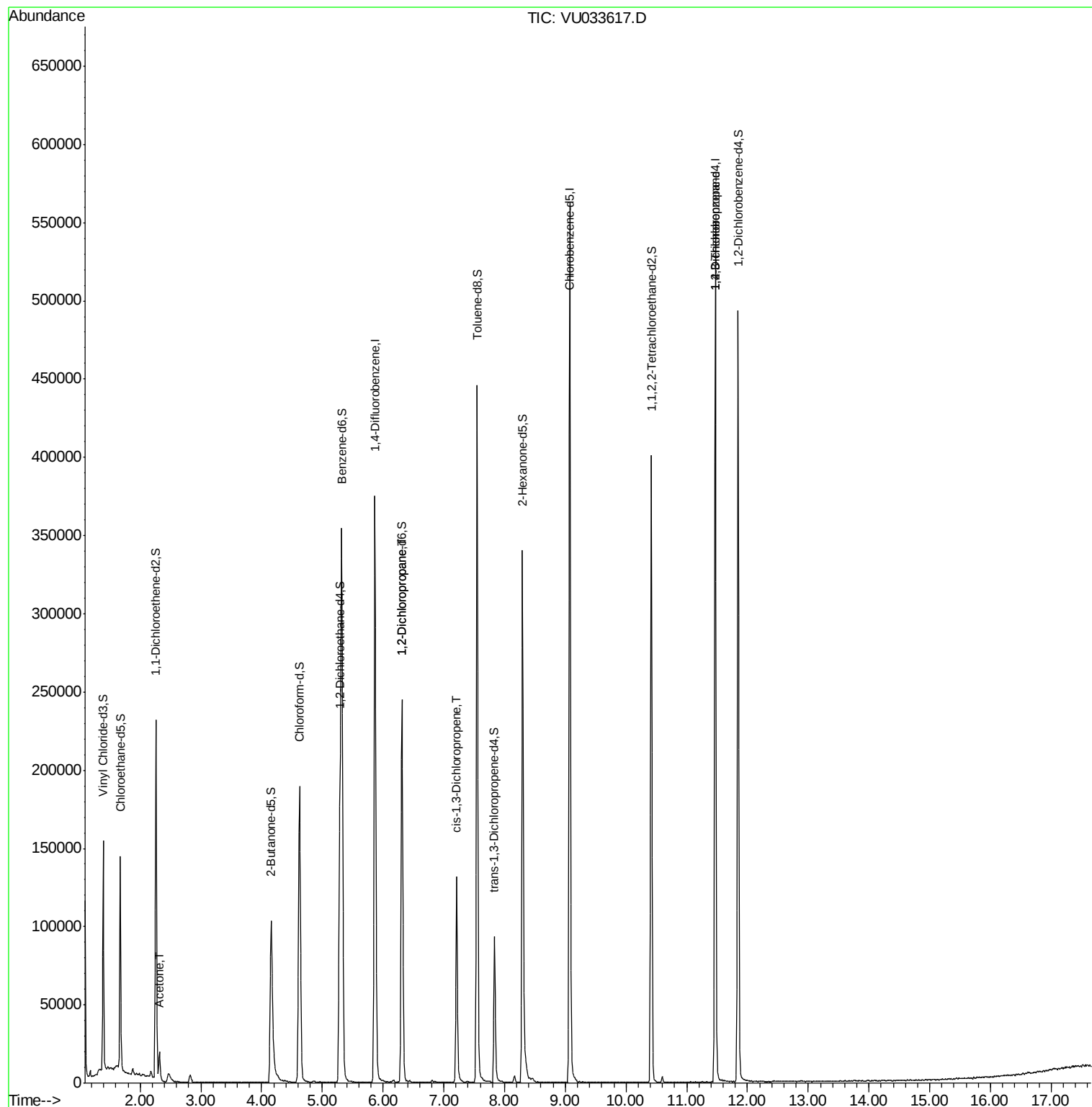
					Qvalue
13) Acetone	2.32	43	19659	12.111 ug/L	97
37) 1,2-Dichloropropane	6.31	63	13102	5.125 ug/L #	90
39) cis-1,3-Dichloropropene	7.21	75	3526	0.907 ug/L	85
59) 1,2,3-Trichloropropane	11.47	75	17381	5.191 ug/L	92

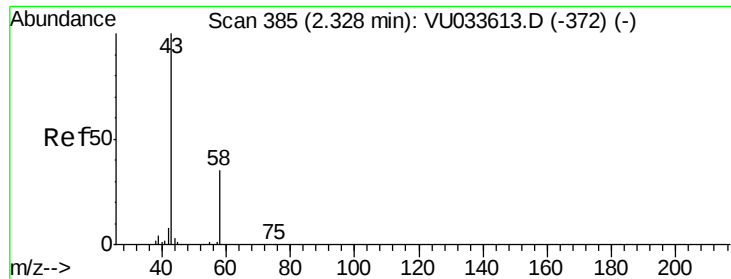
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.111 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU033617.D

Acq: 07 Aug 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

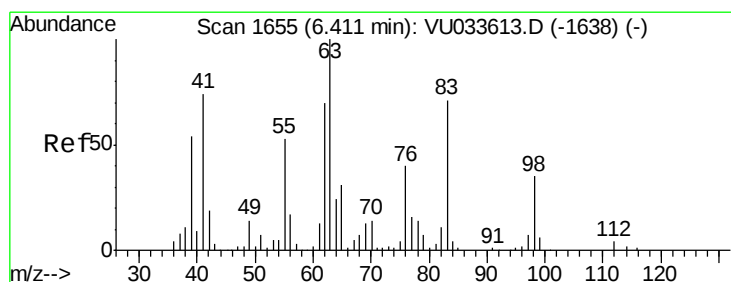
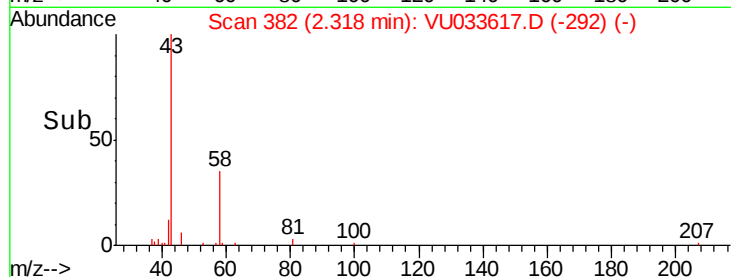
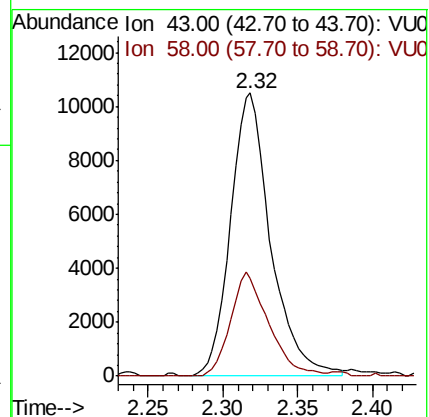
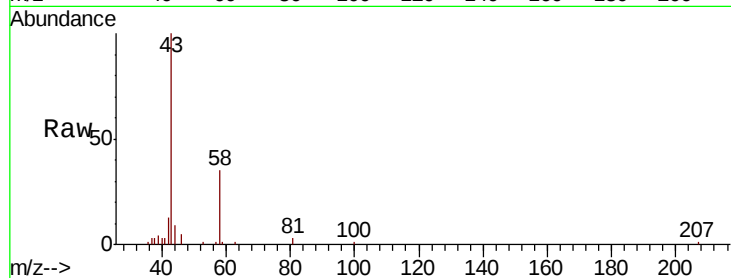
F2B61

Tgt Ion: 43 Resp: 19659

Ion Ratio Lower Upper

43 100

58 34.6 0.0 65.4



#37

1,2-Dichloropropane

Concen: 5.125 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU033617.D

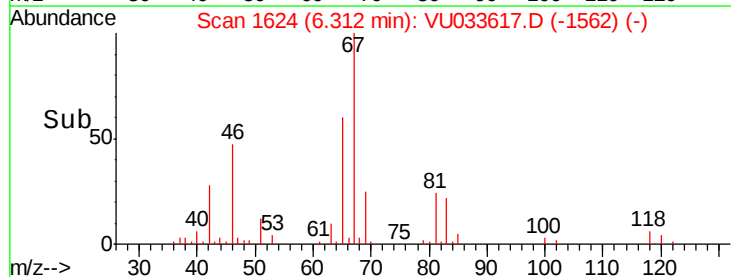
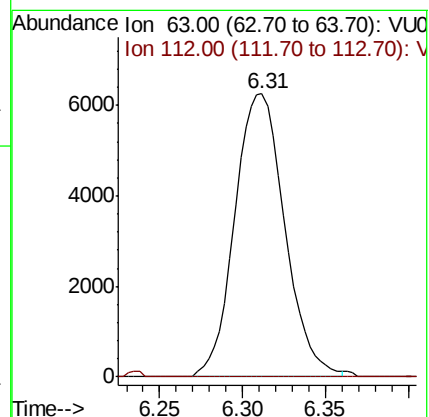
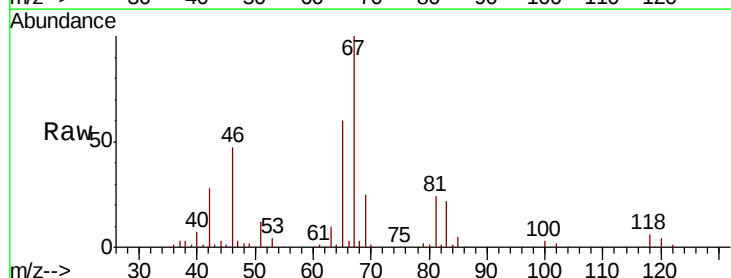
Acq: 07 Aug 2019 15:22

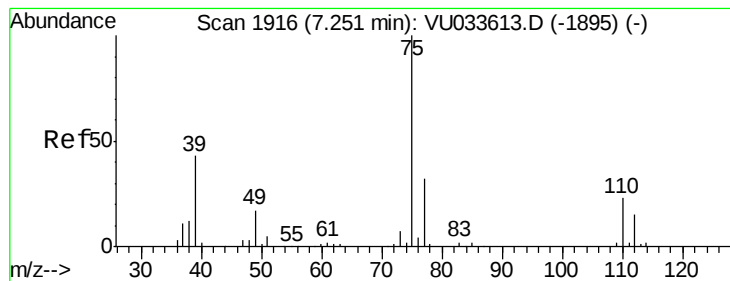
Tgt Ion: 63 Resp: 13102

Ion Ratio Lower Upper

63 100

112 0.5 3.0 4.6#



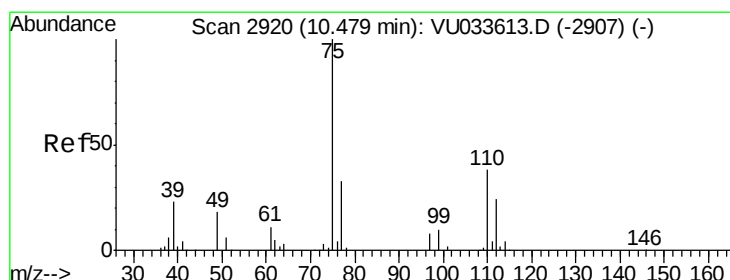
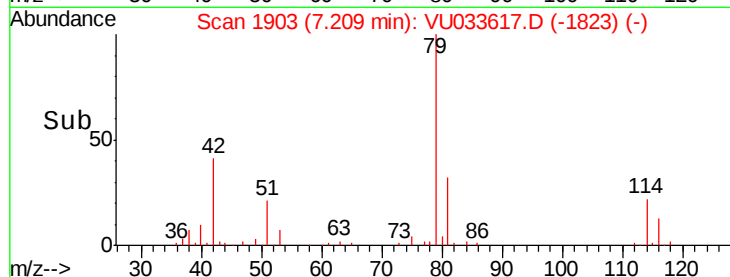
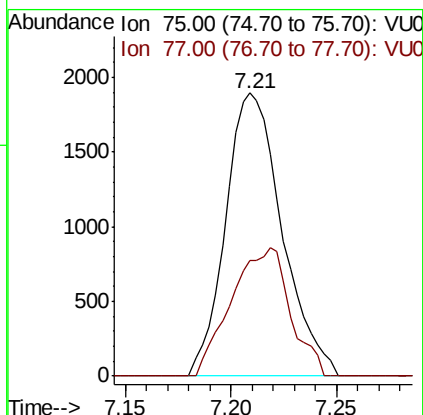
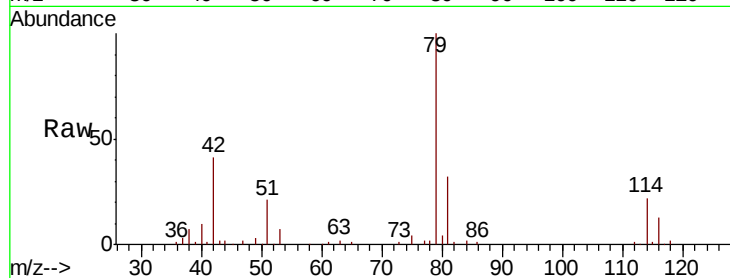


#39

cis-1,3-Dichloropropene
 Concen: 0.907 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033617.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 F2B61

Tgt Ion: 75 Resp: 3526
 Ion Ratio Lower Upper
 75 100
 77 40.7 22.7 42.3



#59

1,2,3-Trichloropropane
 Concen: 5.191 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033617.D
 Acq: 07 Aug 2019 15:22

Tgt Ion: 75 Resp: 17381
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.7 38.5

