

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030724.D
 Acq On : 05 Apr 2019 07:38
 Operator : JC/SP
 Sample : K2249-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD9

Quant Time: Apr 05 09:01:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:33:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	493526	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201921	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	214881	48.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.54%
7) Chloroethane-d5	1.68	69	163443	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.76%
11) 1,1-Dichloroethene-d2	2.27	63	292281	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.36%
21) 2-Butanone-d5	4.17	46	327379	93.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.76%
24) Chloroform-d	4.64	84	306607	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.31	65	218977	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.34	84	662533	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
36) 1,2-Dichloropropane-d6	6.32	67	224547	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.30%
41) Toluene-d8	7.56	98	568920	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%
43) trans-1,3-Dichloropropene-	7.85	79	92708	42.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.48%
47) 2-Hexanone-d5	8.31	63	196219	89.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298837	46.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	196033	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

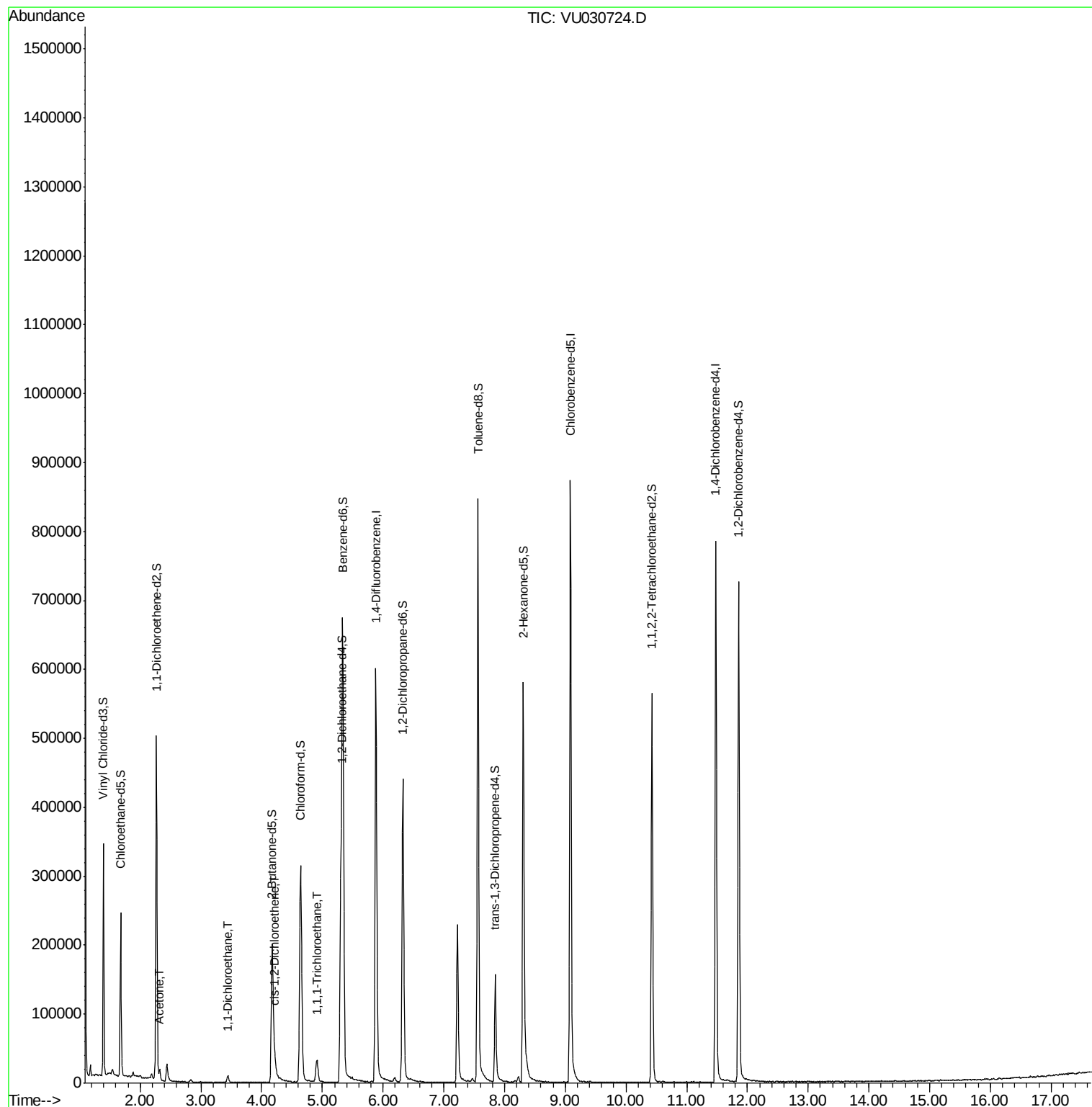
					Ovalue
13) Acetone	2.32	43	14119	3.952 ug/L	85
19) 1,1-Dichloroethane	3.45	63	10720	1.434 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	4245	1.061 ug/L	95
30) 1,1,1-Trichloroethane	4.91	97	26237	4.474 ug/L #	68

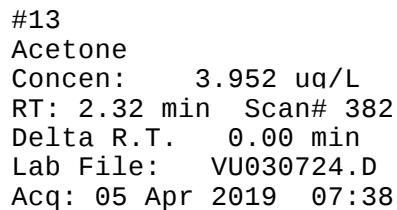
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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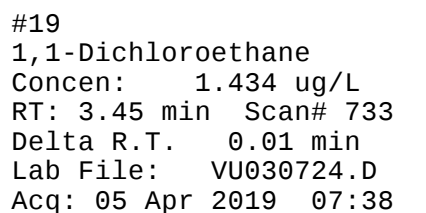
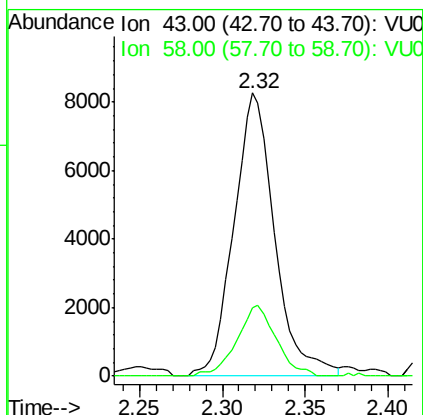
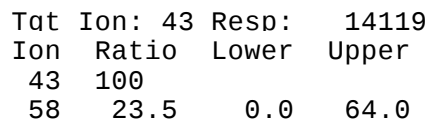
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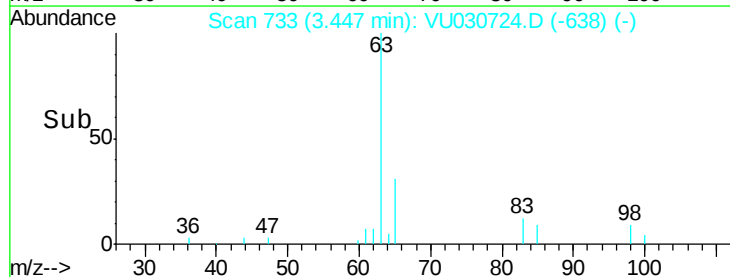
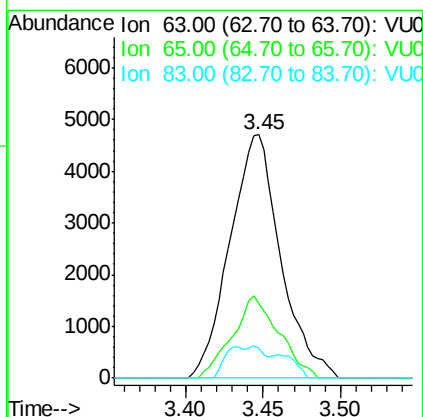


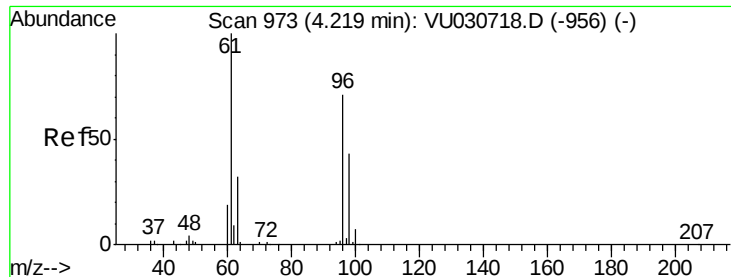


Instrument :
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Tgt	Ion: 63	Resp:	10720
Ion	Ratio	Lower	Upper
63	100		
65	30.8	21.4	39.8
83	12.1	8.5	15.7

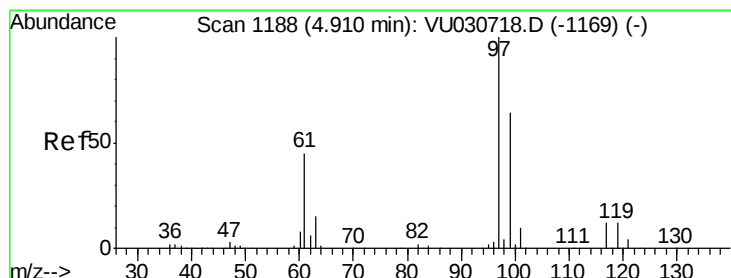
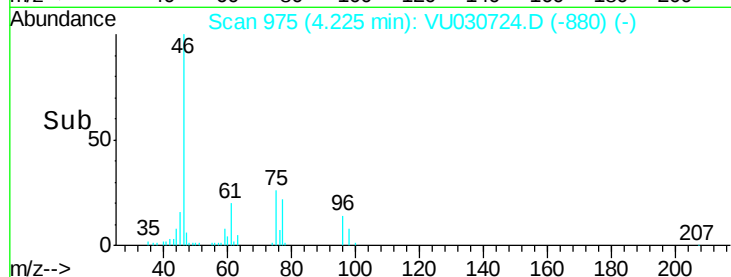
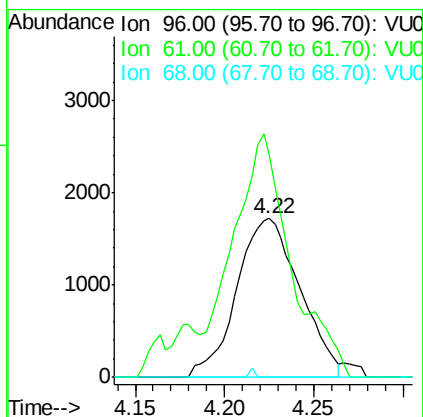
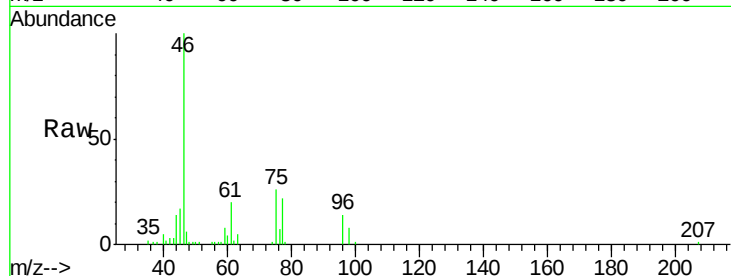




#20
 cis-1,2-Dichloroethene
 Concen: 1.061 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU030724.D
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Tot Ion: 96 Resp: 4245
 Ion Ratio Lower Upper
 96 100
 61 140.7 102.9 191.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 4.474 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030724.D
 Acq: 05 Apr 2019 07:38

Tgt Ion: 97 Resp: 26237
 Ion Ratio Lower Upper
 97 100
 99 61.2 51.4 77.2
 61 0.0 37.1 55.7#

