

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033035.D
 Acq On : 25 Jun 2019 02:44
 Operator : JC/SP
 Sample : K3496-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF60

Quant Time: Jun 25 08:08:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	189133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91142	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60738	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.68	69	52542	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.32%
11) 1,1-Dichloroethene-d2	2.26	63	98066	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	4.17	46	117414	106.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.33%
24) Chloroform-d	4.64	84	130142	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	5.30	65	90273	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
32) Benzene-d6	5.33	84	251819	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	6.32	67	81419	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.68%
41) Toluene-d8	7.56	98	225853	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%
43) trans-1,3-Dichloropropene-	7.85	79	36612	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.31	63	69299	94.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.49%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116887	48.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	89575	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%

Target Compounds

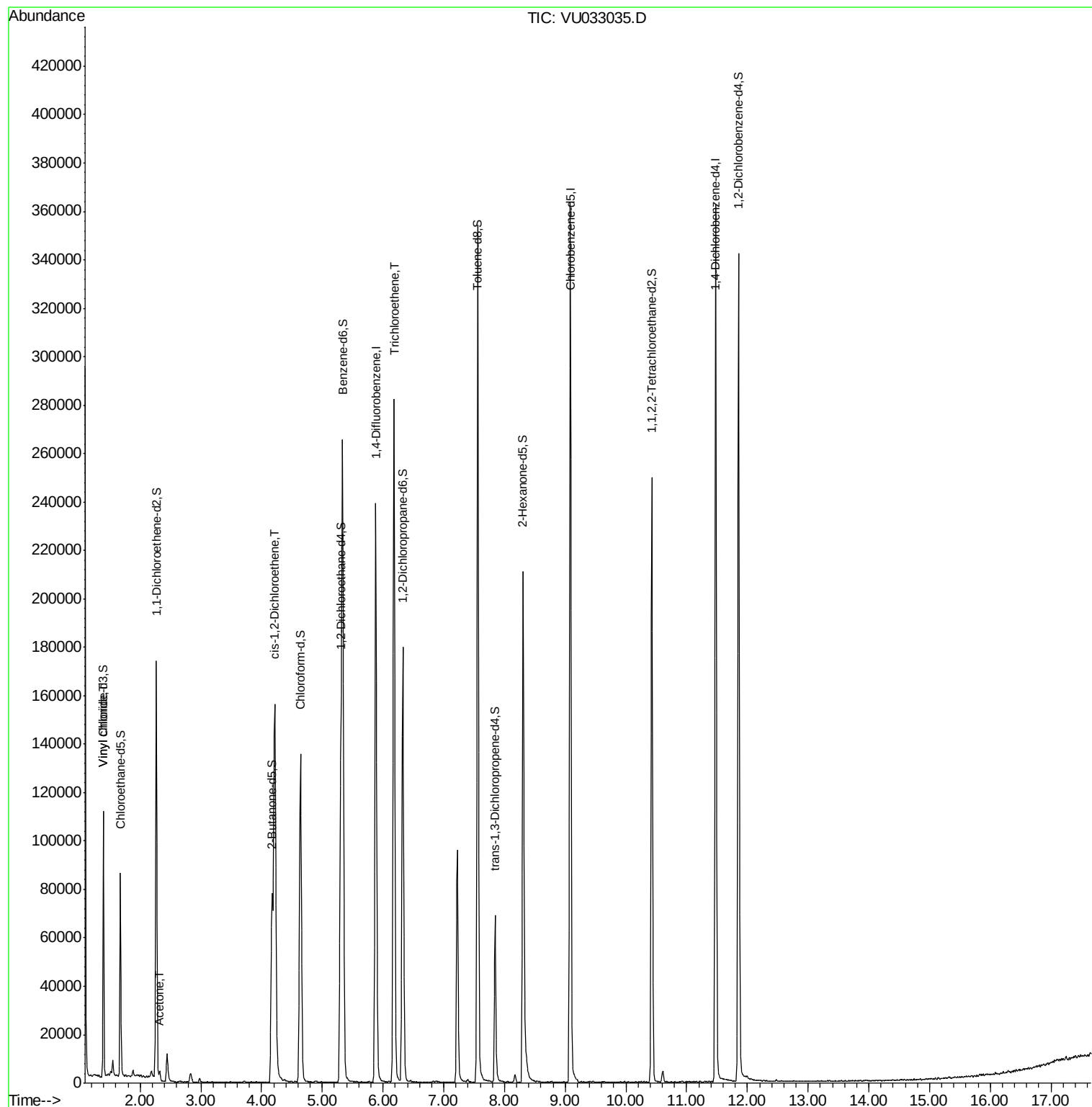
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	5294	3.003	ug/L #	73
13) Acetone	2.32	43	3230	2.118	ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	78392	54.280	ug/L	94
34) Trichloroethene	6.18	95	94908	65.195	ug/L	96

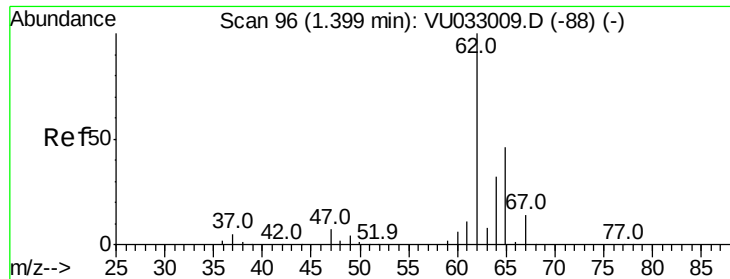
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.003 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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ClientSampleId :

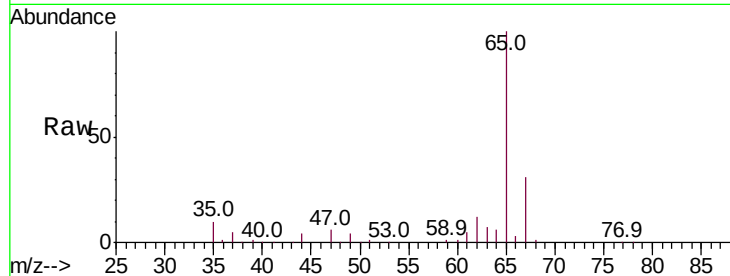
ETF60

Tot Ion: 62 Resp: 5294

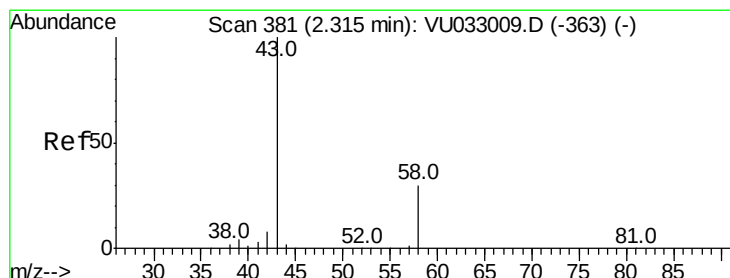
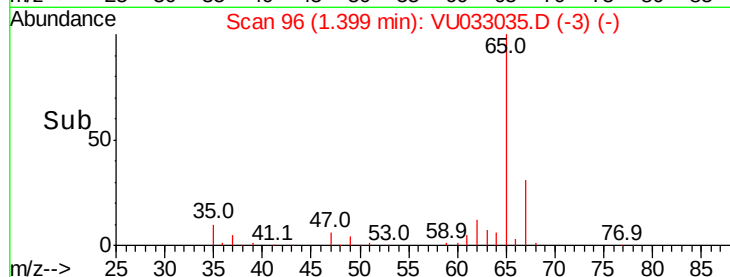
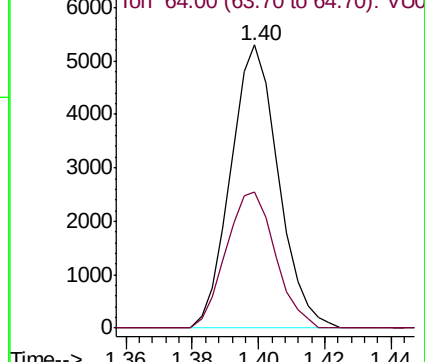
Ion Ratio Lower Upper

62 100

64 47.9 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU033009.D (-88) (-)



#13

Acetone

Concen: 2.118 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU033035.D

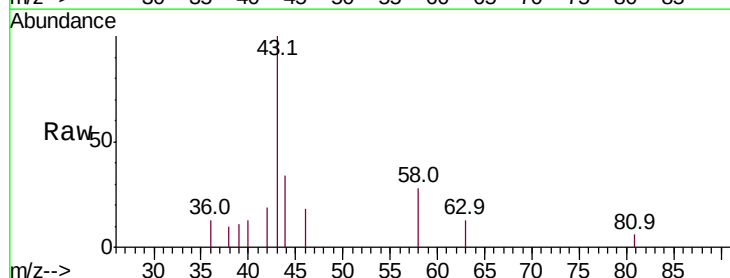
Acq: 25 Jun 2019 02:44

Tgt Ion: 43 Resp: 3230

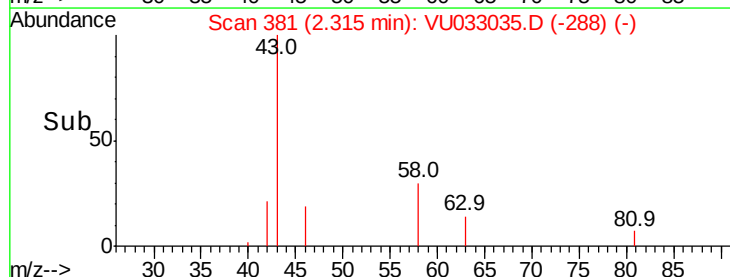
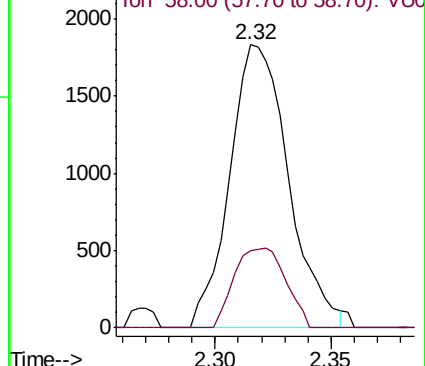
Ion Ratio Lower Upper

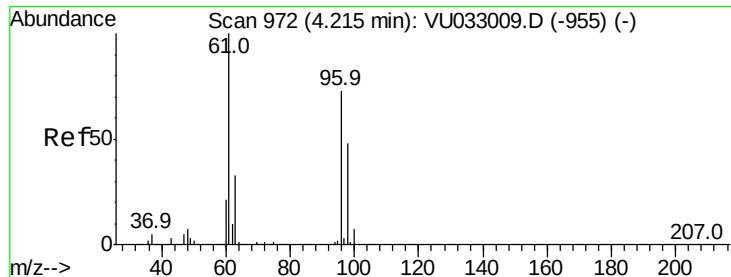
43 100

58 24.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU033009.D (-363) (-)





#20

cis-1,2-Dichloroethene

Concen: 54.280 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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ETF60

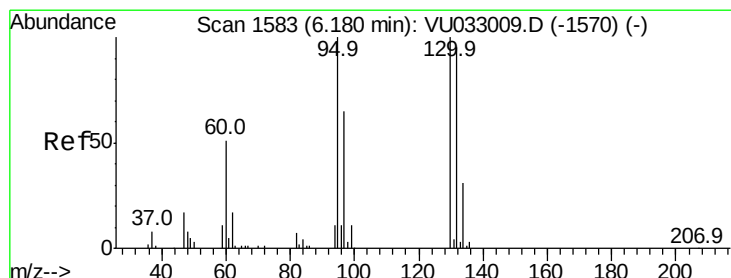
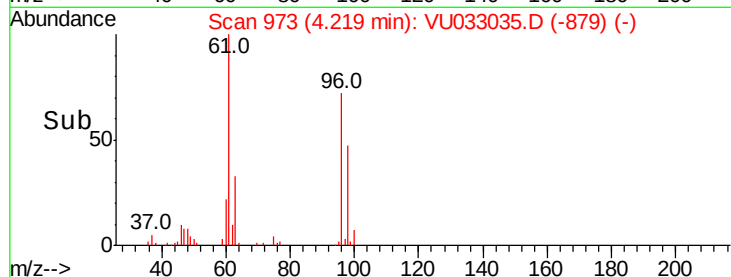
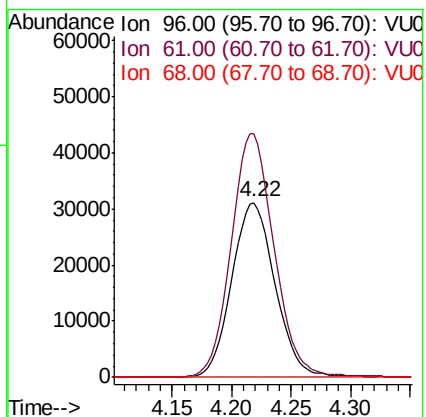
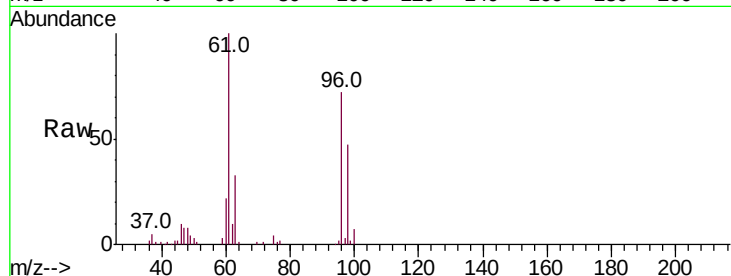
Tot Ion: 96 Resp: 78392

Ion Ratio Lower Upper

96 100

61 139.4 92.4 171.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 65.195 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

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Acq: 25 Jun 2019 02:44

Tgt Ion: 95 Resp: 94908

Ion Ratio Lower Upper

95 100

97 62.2 45.9 85.3

132 94.7 68.5 127.3

130 97.6 70.8 131.4

