

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032954.D
 Acq On : 21 Jun 2019 19:05
 Operator : JC/SP
 Sample : K3463-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF53

Quant Time: Jun 22 02:12:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 01:56:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189791	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45149	34.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.62%
7) Chloroethane-d5	1.68	69	41488	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.22%
11) 1,1-Dichloroethene-d2	2.26	63	73207	28.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.04%#
21) 2-Butanone-d5	4.17	46	118486	109.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.75%
24) Chloroform-d	4.64	84	112584	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.30	65	80139	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.33	84	207923	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
36) 1,2-Dichloropropane-d6	6.32	67	70490	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.44%
41) Toluene-d8	7.56	98	181428	40.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.06%
43) trans-1,3-Dichloropropene-	7.85	79	33395	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.28%
47) 2-Hexanone-d5	8.31	63	69138	96.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110907	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	79378	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%

Target Compounds

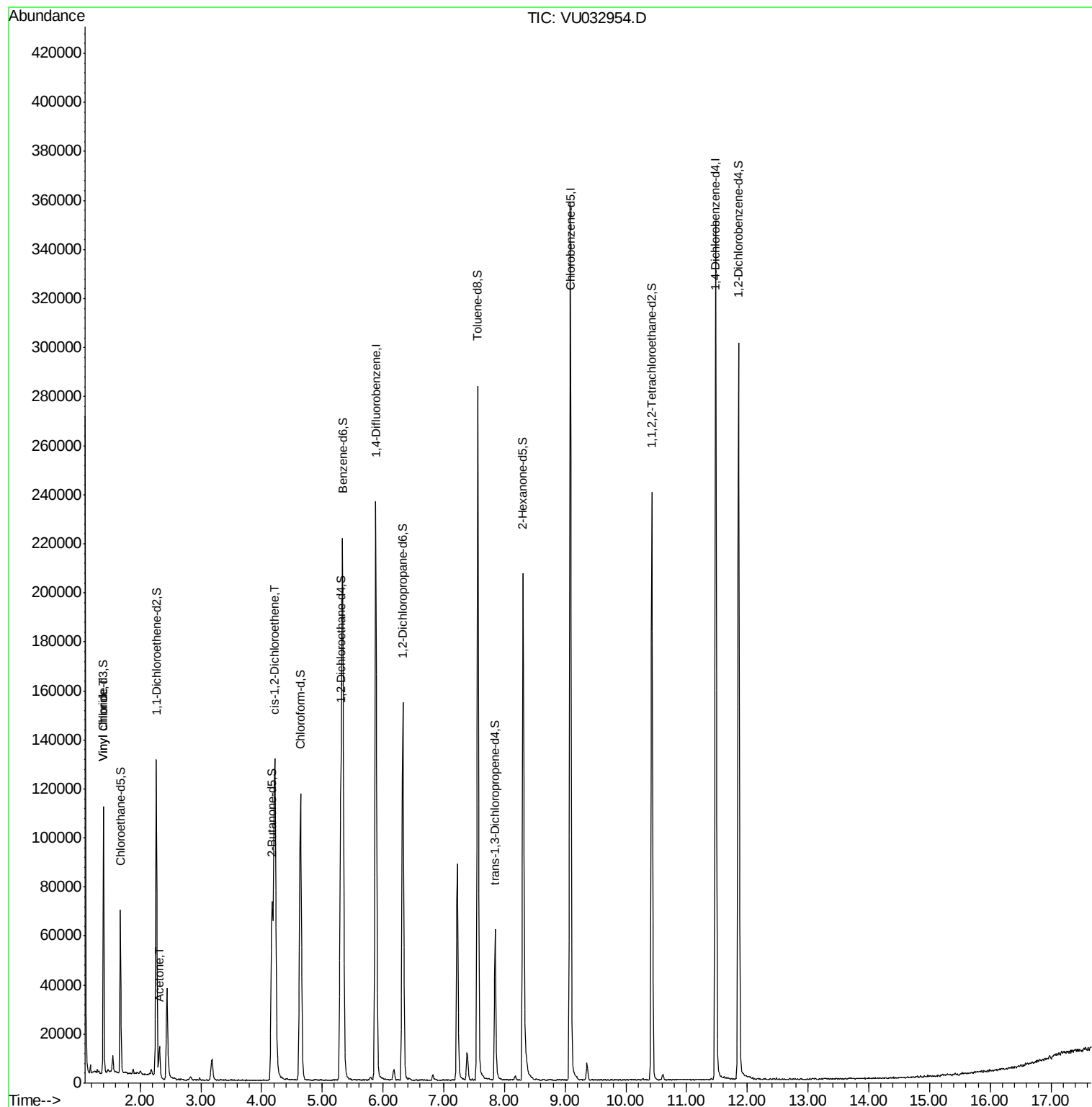
					Ovalue
5) Vinyl chloride	1.40	62	24084	13.974	ug/L 96
13) Acetone	2.32	43	14041	9.416	ug/L 97
20) cis-1,2-Dichloroethene	4.22	96	67326	47.684	ug/L 96

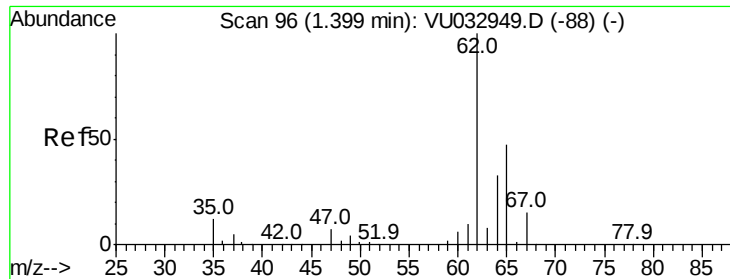
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 13.974 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032954.D

Acq: 21 Jun 2019 19:05

Instrument :

MSVOA_U

ClientSampleId :

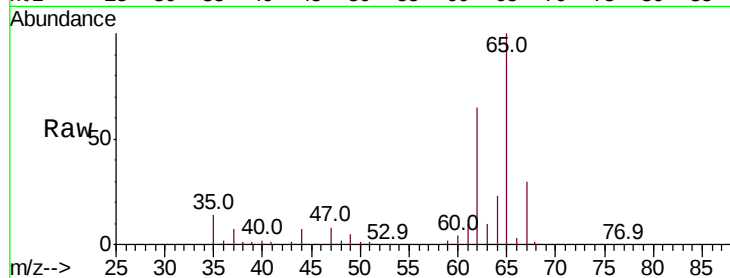
ETF53

Tot Ion: 62 Resp: 24084

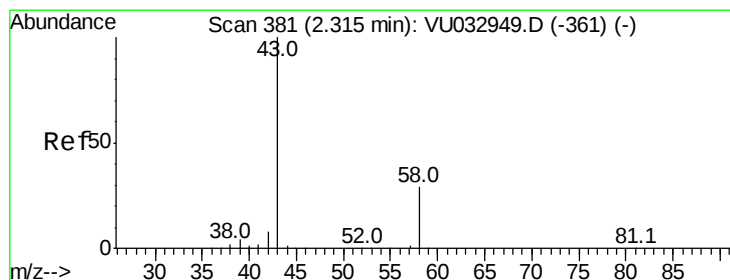
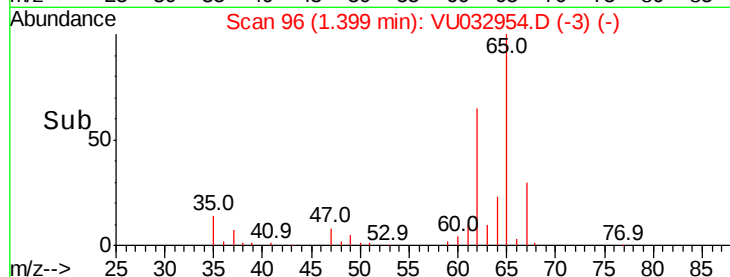
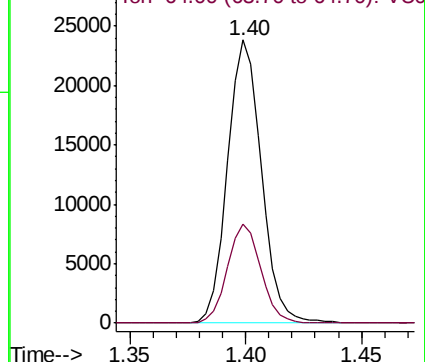
Ion Ratio Lower Upper

62 100

64 35.2 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU032949.D (-88) (-)



#13

Acetone

Concen: 9.416 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032954.D

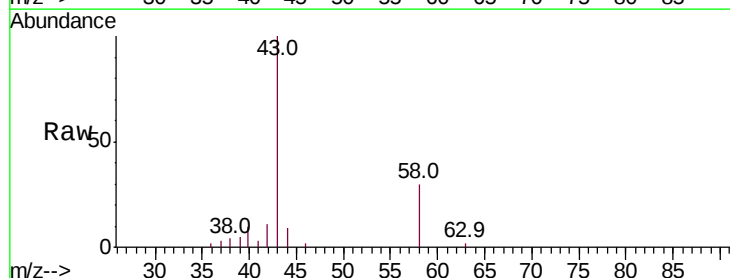
Acq: 21 Jun 2019 19:05

Tgt Ion: 43 Resp: 14041

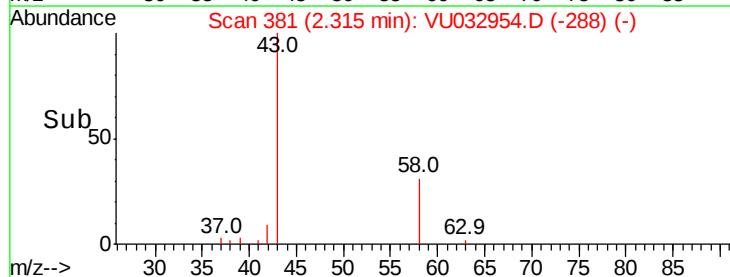
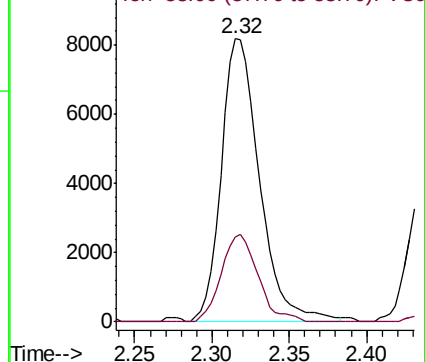
Ion Ratio Lower Upper

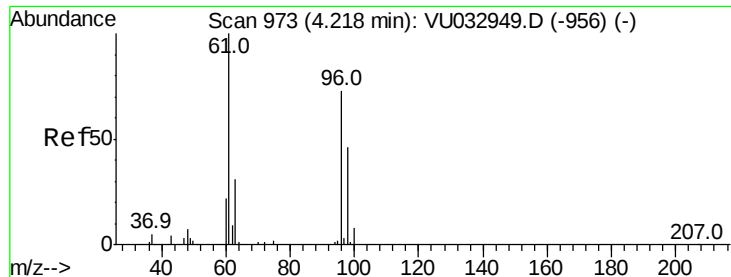
43 100

58 28.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032949.D (-361) (-)





#20
 cis-1,2-Dichloroethene
 Concen: 47.684 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032954.D
 Acq: 21 Jun 2019 19:05

Instrument :
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 ClientSampleId :
 ETF53

Tot Ion: 96 Resp: 67326
 Ion Ratio Lower Upper
 96 100
 61 136.5 92.4 171.6
 68 0.0 0.0 0.0

