

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032973.D
 Acq On : 22 Jun 2019 02:22
 Operator : JC/SP
 Sample : K3464-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF45

Quant Time: Jun 24 01:19:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 01:08:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50593	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.06%
7) Chloroethane-d5	1.68	69	44835	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.50%
11) 1,1-Dichloroethene-d2	2.26	63	81474	30.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.80%
21) 2-Butanone-d5	4.17	46	119254	107.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.69%
24) Chloroform-d	4.64	84	120408	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.30	65	85760	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
32) Benzene-d6	5.33	84	224834	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
36) 1,2-Dichloropropane-d6	6.32	67	75501	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	7.56	98	200646	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%
43) trans-1,3-Dichloropropene-	7.85	79	34410	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.50%
47) 2-Hexanone-d5	8.31	63	71641	96.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.85%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	115146	47.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	82815	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

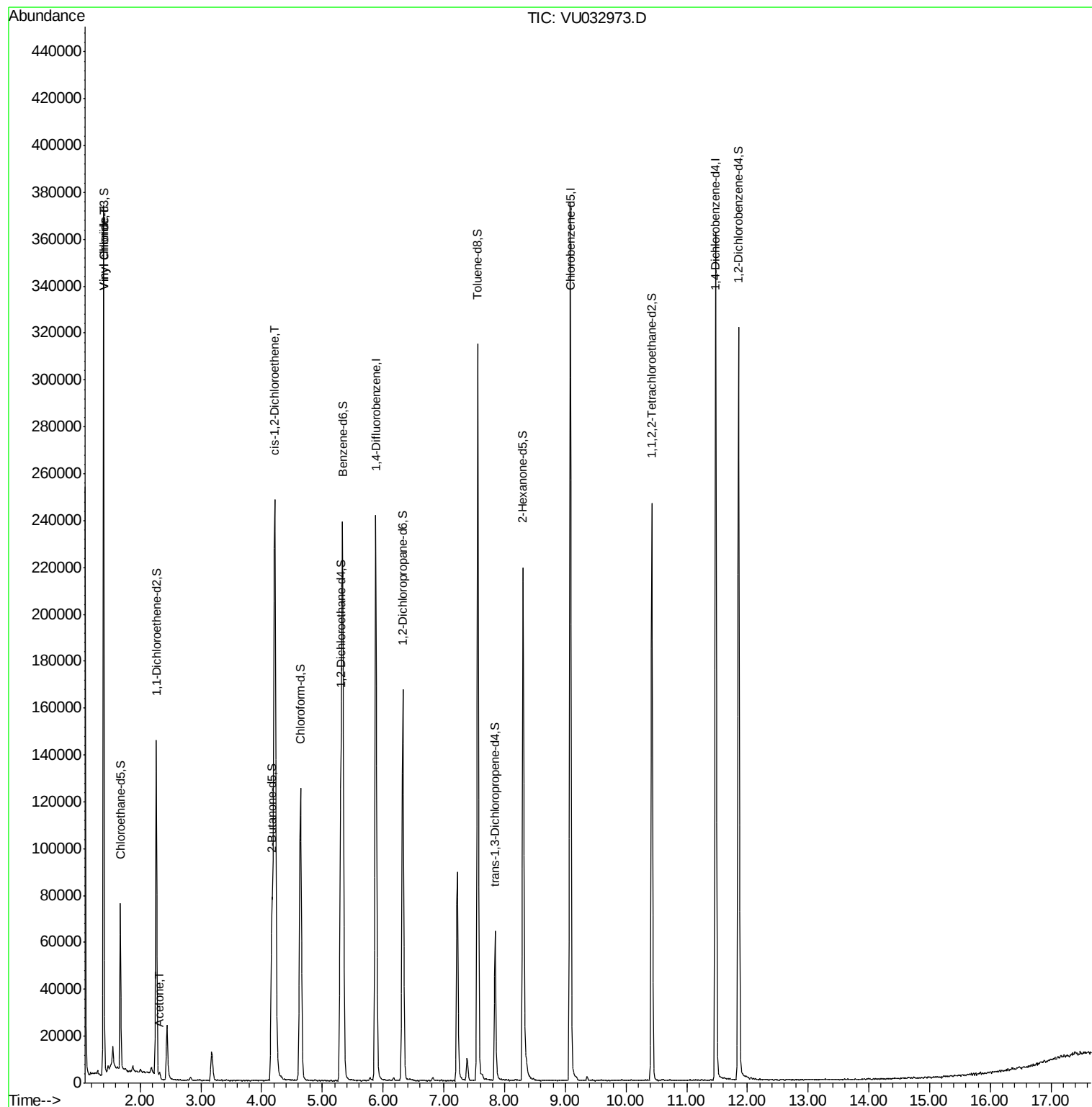
					Ovalue
5) Vinyl chloride	1.40	62	174222	98.549 ug/L	99
13) Acetone	2.32	43	2182	1.427 ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	129261	89.250 ug/L	93

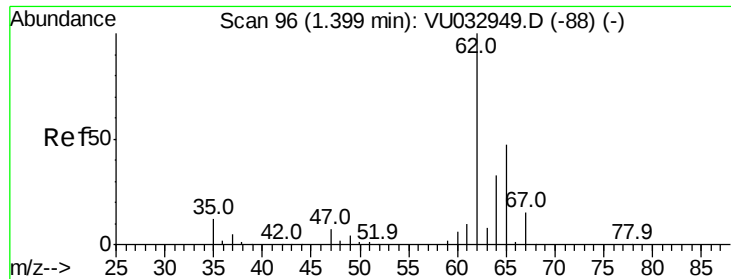
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 98.549 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032973.D

Acq: 22 Jun 2019 02:22

Instrument :

MSVOA_U

ClientSampleId :

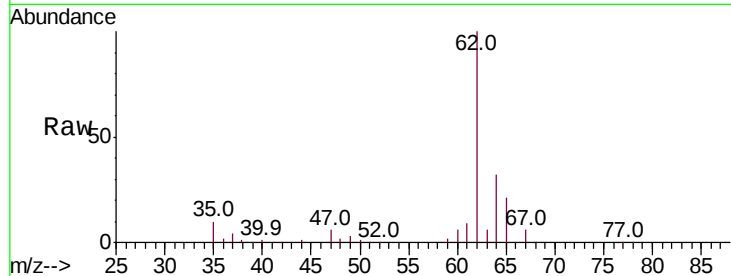
ETF45

Tot Ion: 62 Resp: 174222

Ion Ratio Lower Upper

62 100

64 32.4 23.0 42.6



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

Ion 64.00 (63.70 to 64.70): VU032949.D (-88) (-)

1.40

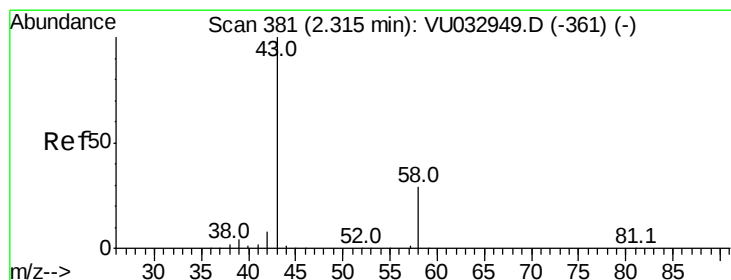
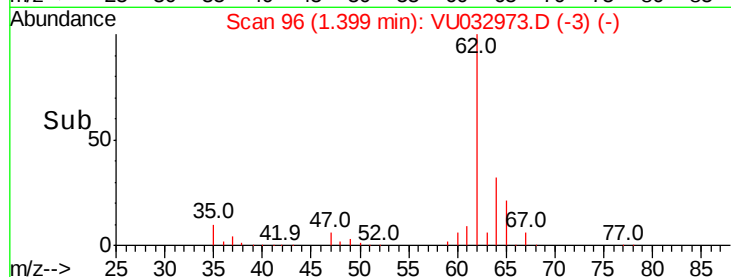
150000

100000

50000

0

Time-->



#13

Acetone

Concen: 1.427 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032973.D

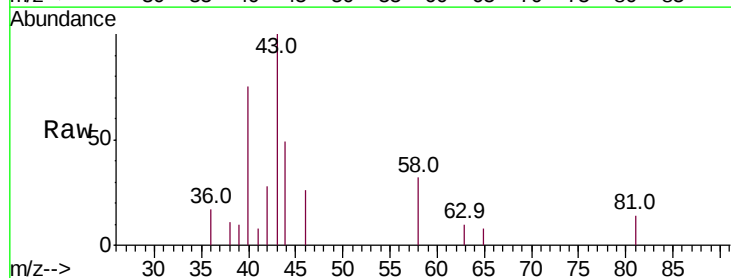
Acq: 22 Jun 2019 02:22

Tgt Ion: 43 Resp: 2182

Ion Ratio Lower Upper

43 100

58 25.1 0.0 60.6



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

Ion 58.00 (57.70 to 58.70): VU032949.D (-361) (-)

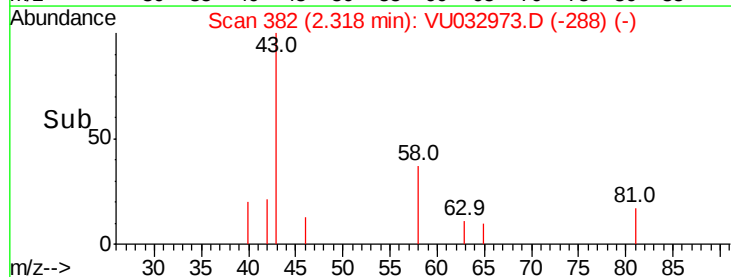
2.32

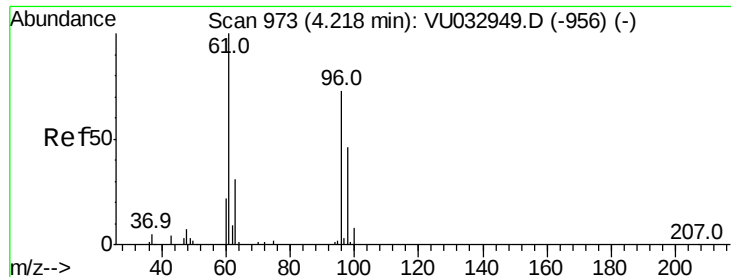
1000

500

0

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 89.250 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032973.D
 Acq: 22 Jun 2019 02:22

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF45

Tot Ion: 96 Resp: 129261
 Ion Ratio Lower Upper
 96 100
 61 140.3 92.4 171.6
 68 0.0 0.0 0.0

