

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032967.D
 Acq On : 22 Jun 2019 00:04
 Operator : JC/SP
 Sample : K3464-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF52

Quant Time: Jun 22 02:51:49 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	193453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52035	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.68	69	45370	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.06%
11) 1,1-Dichloroethene-d2	2.26	63	83089	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.40%
21) 2-Butanone-d5	4.17	46	123751	112.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	4.64	84	121521	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	5.30	65	86072	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.33	84	229418	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
36) 1,2-Dichloropropane-d6	6.32	67	76514	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.70%
41) Toluene-d8	7.56	98	205644	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.85	79	35632	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
47) 2-Hexanone-d5	8.31	63	72825	99.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.58%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116893	48.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	82921	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%

Target Compounds

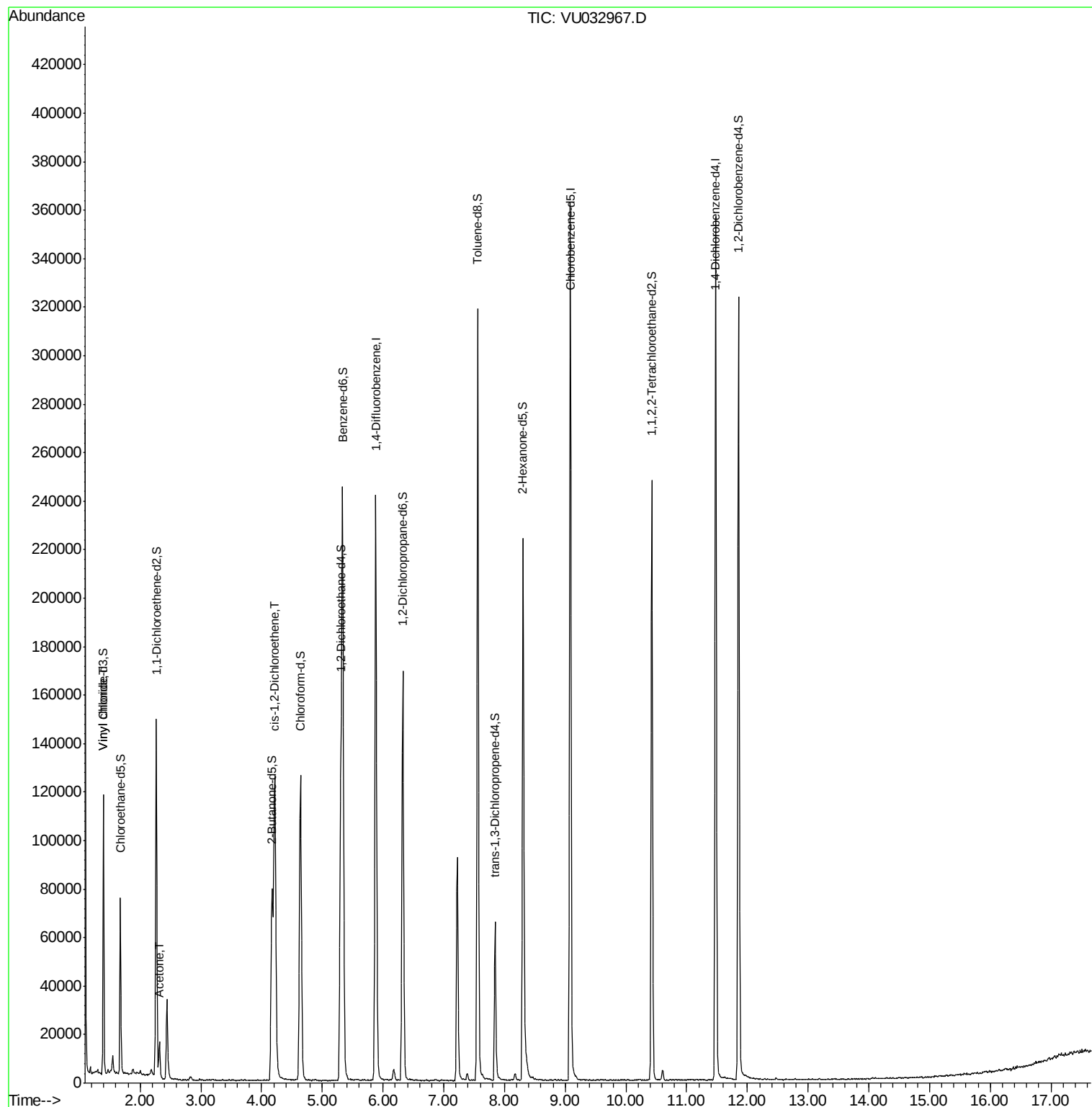
					Ovalue
5) Vinyl chloride	1.40	62	21940	12.489 ug/L	95
13) Acetone	2.32	43	15031	9.889 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	62478	43.413 ug/L	96

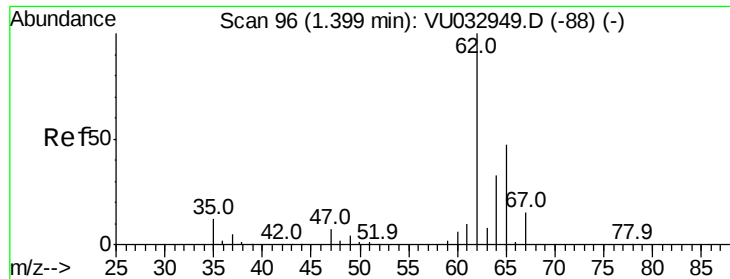
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.489 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032967.D

Acq: 22 Jun 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

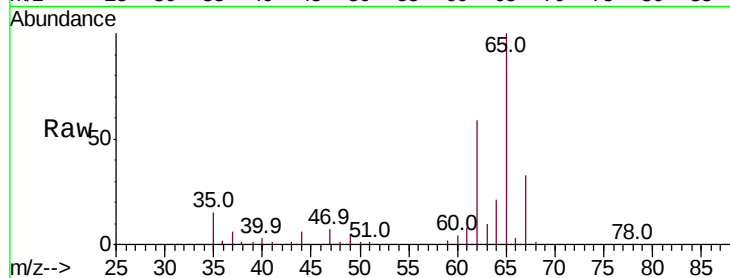
ETF52

Tot Ion: 62 Resp: 21940

Ion Ratio Lower Upper

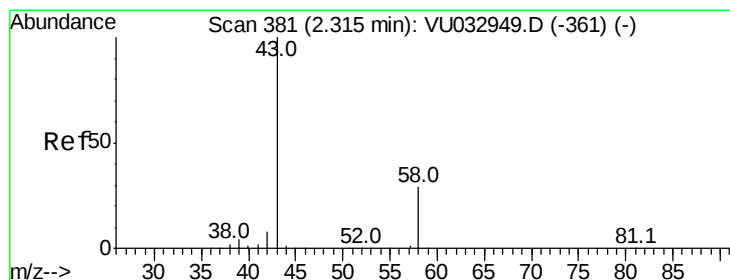
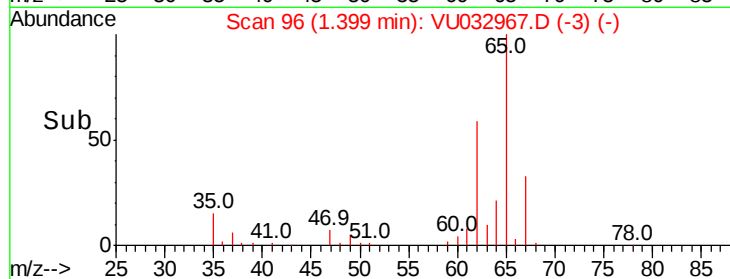
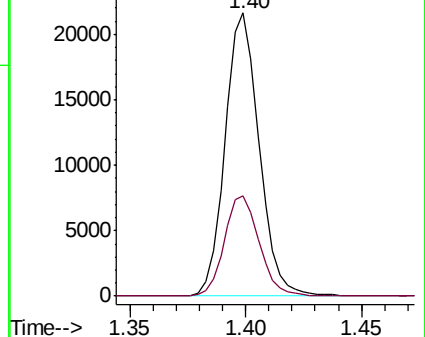
62 100

64 35.4 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) (-)



#13

Acetone

Concen: 9.889 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032967.D

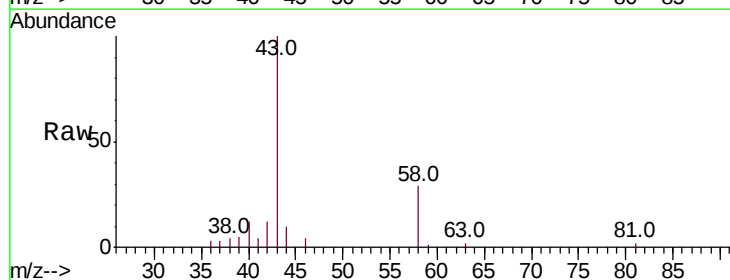
Acq: 22 Jun 2019 00:04

Tgt Ion: 43 Resp: 15031

Ion Ratio Lower Upper

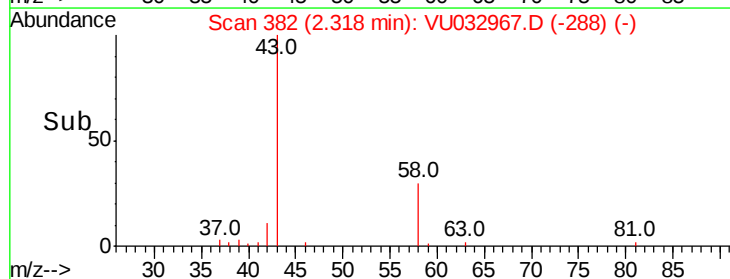
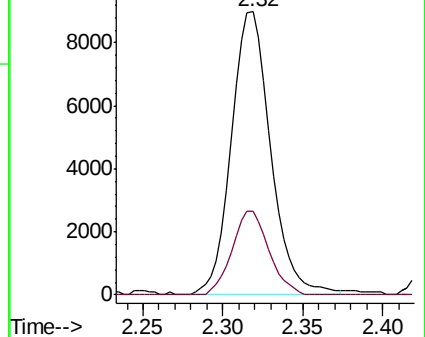
43 100

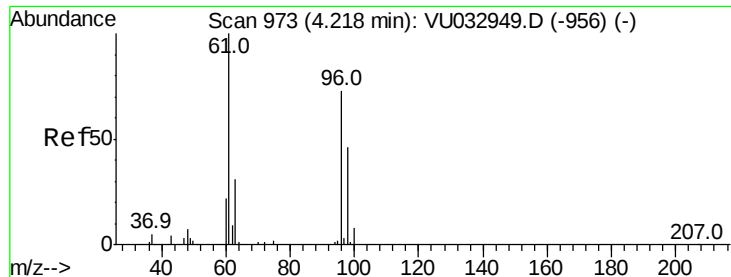
58 27.5 0.0 60.6



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

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





#20
 cis-1,2-Dichloroethene
 Concen: 43.413 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032967.D
 Acq: 22 Jun 2019 00:04

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Tot Ion: 96 Resp: 62478
 Ion Ratio Lower Upper
 96 100
 61 136.5 92.4 171.6
 68 0.0 0.0 0.0

