

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032940.D
 Acq On : 21 Jun 2019 13:20
 Operator : JC/SP
 Sample : K3469-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-061919-01

Quant Time: Jun 22 01:27:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:32:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49506	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.68	69	45005	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.50%
11) 1,1-Dichloroethene-d2	2.27	63	77709	29.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.14%#
21) 2-Butanone-d5	4.17	46	116897	107.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.65%
24) Chloroform-d	4.64	84	114006	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
26) 1,2-Dichloroethane-d4	5.30	65	81160	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.33	84	212968	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.33	67	72122	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.48%
41) Toluene-d8	7.56	98	187573	40.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.82%
43) trans-1,3-Dichloropropene-	7.85	79	33877	41.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.52%
47) 2-Hexanone-d5	8.31	63	67925	93.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.27%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	111019	46.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	79386	46.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.30%

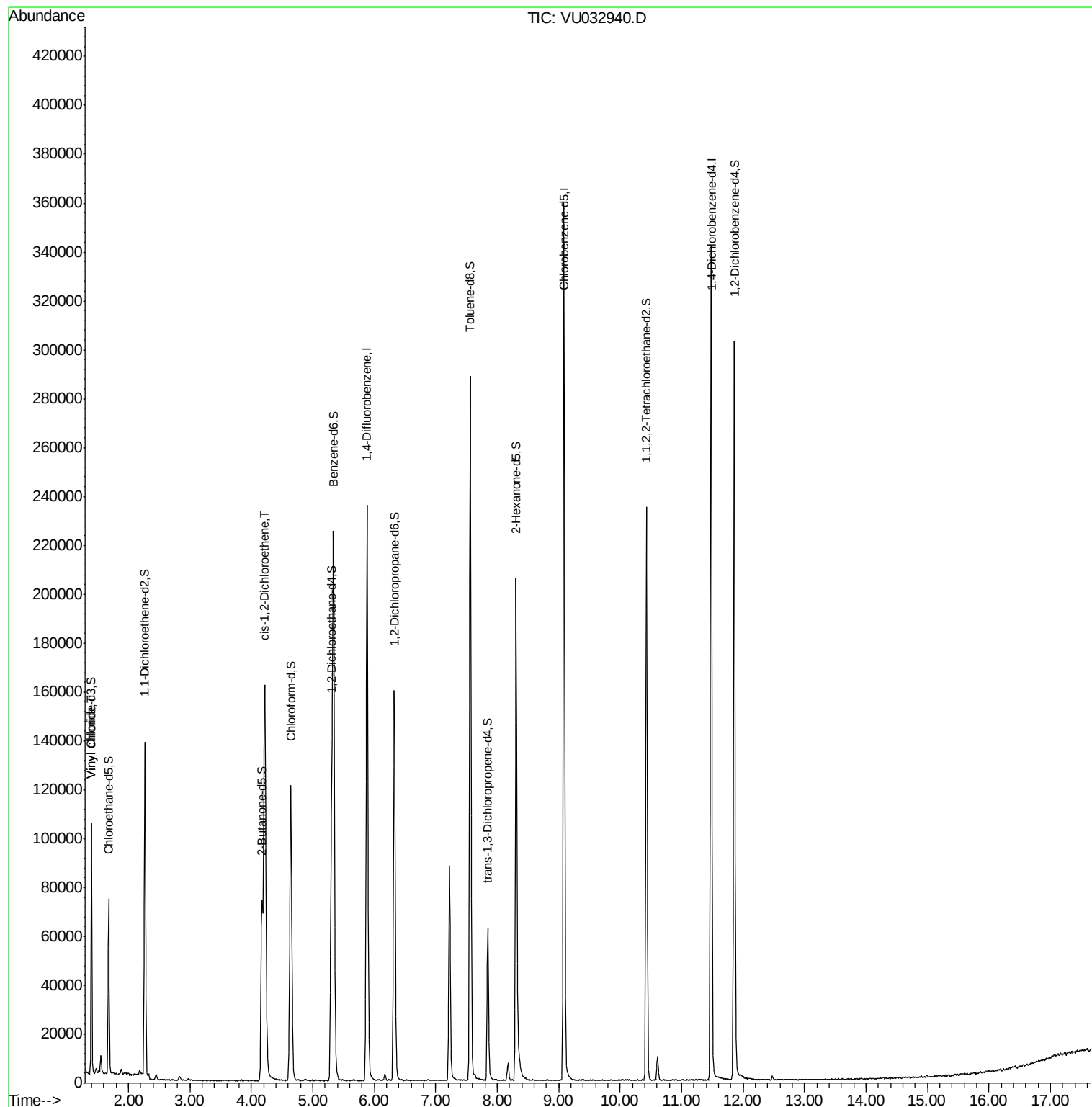
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	16306	9.407 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	82897	58.373 ug/L	98

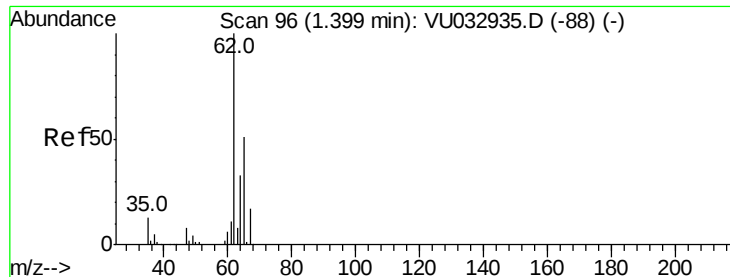
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.407 ug/L

RT: 1.40 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU032940.D

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Instrument :

MSVOA_U

ClientSampleId :

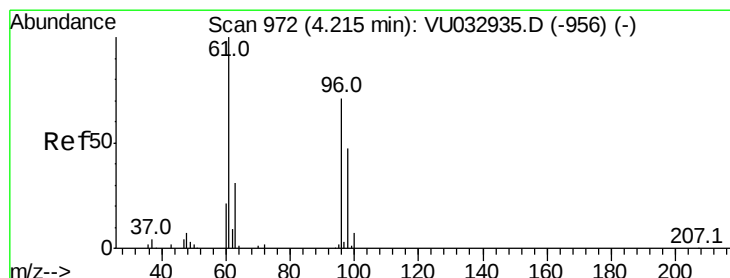
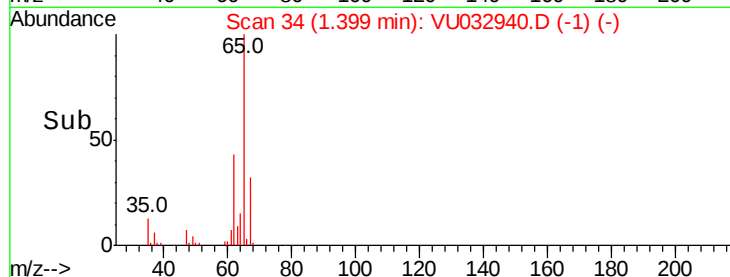
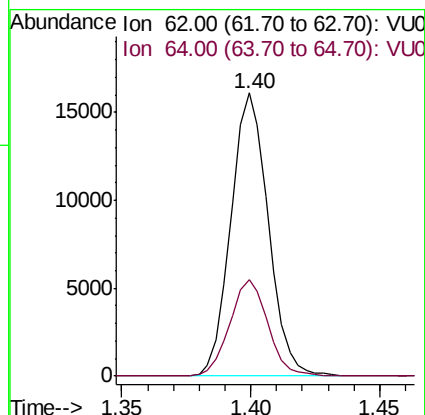
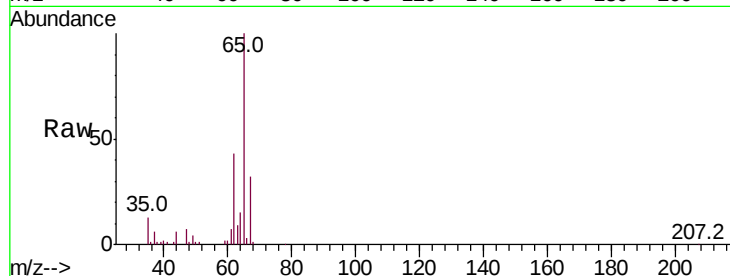
DUP-061919-01

Tot Ion: 62 Resp: 16306

Ion Ratio Lower Upper

62 100

64 33.9 23.0 42.6



#20

cis-1,2-Dichloroethene

Concen: 58.373 ug/L

RT: 4.22 min Scan# 910

Delta R.T. 0.00 min

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Tgt Ion: 96 Resp: 82897

Ion Ratio Lower Upper

96 100

61 134.7 92.4 171.6

68 0.0 0.0 0.0

