

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082319\
 Data File : VU033941.D
 Acq On : 23 Aug 2019 14:40
 Operator : JC/SP
 Sample : K4485-16DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B94DL

Quant Time: Aug 26 07:29:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 26 06:54:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	558328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	570770	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	230227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	219361	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.60%
7) Chloroethane-d5	1.67	69	183914	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.70%
11) 1,1-Dichloroethene-d2	2.25	63	322246	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
21) 2-Butanone-d5	4.15	46	314244	95.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.38%
24) Chloroform-d	4.62	84	365820	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.28	65	266393	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.32	84	795361	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
36) 1,2-Dichloropropane-d6	6.31	67	265289	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.55	98	677220	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%
43) trans-1,3-Dichloropropene-	7.83	79	113749	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.70%
47) 2-Hexanone-d5	8.29	63	187584	85.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	345475	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	245995	52.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.72%

Target Compounds

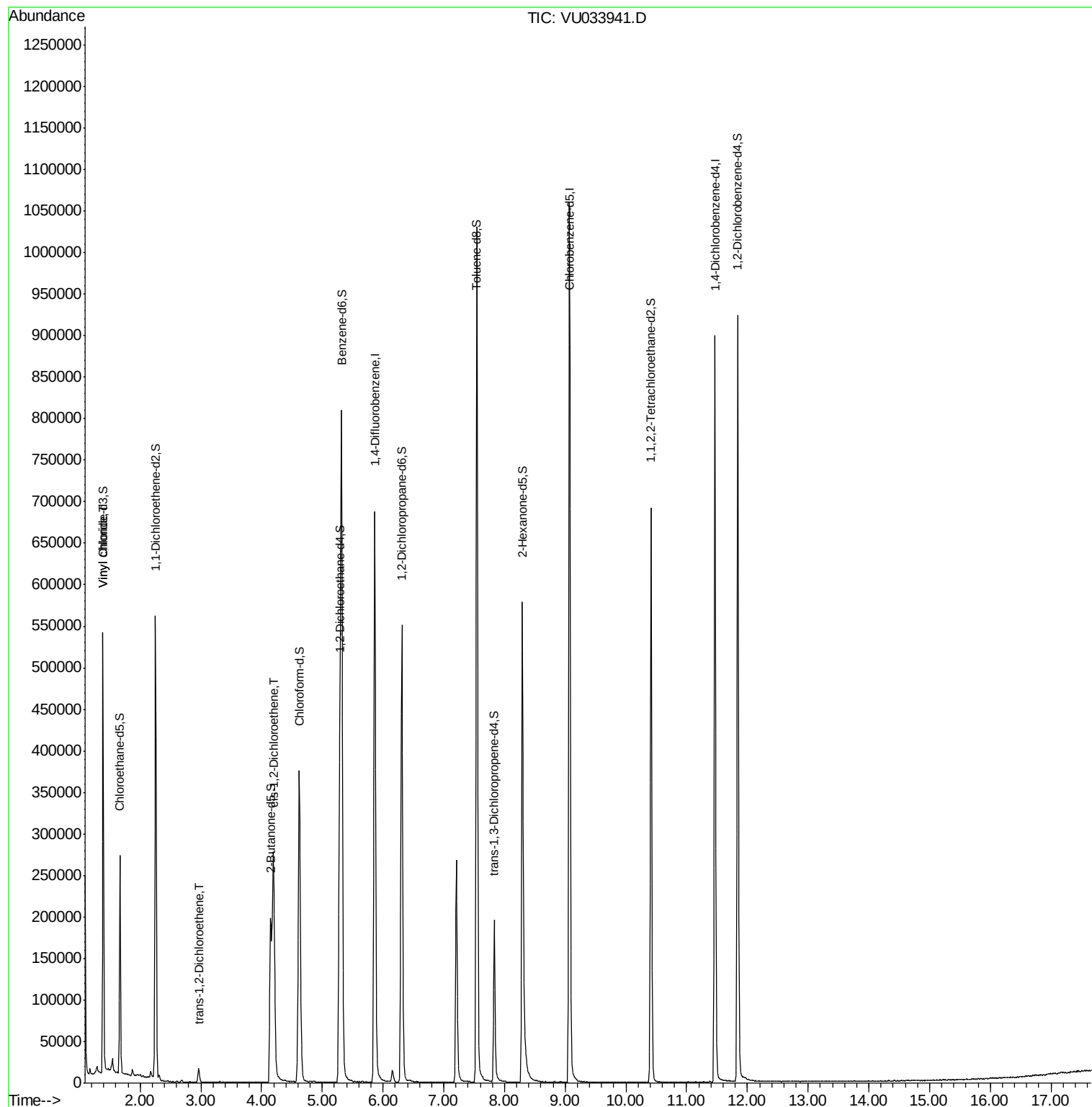
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	150289	25.762	ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	6439	1.592	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	140954	31.661	ug/L	97

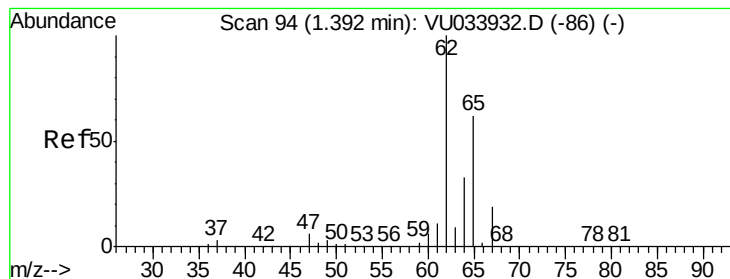
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 25.762 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033941.D

Acq: 23 Aug 2019 14:40

Instrument :

MSVOA_U

ClientSampleID :

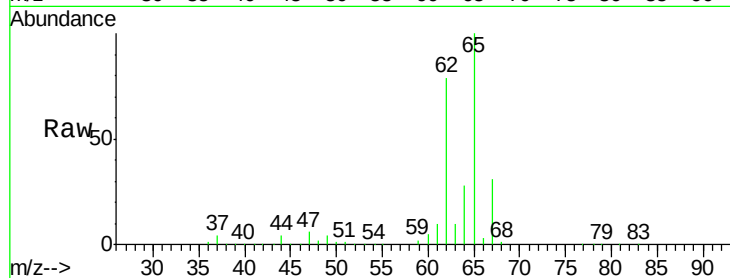
F2B94DL

Tot Ion: 62 Resp: 150289

Ion Ratio Lower Upper

62 100

64 35.1 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU033941.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU033941.D (-1) (-)

1.39

150000

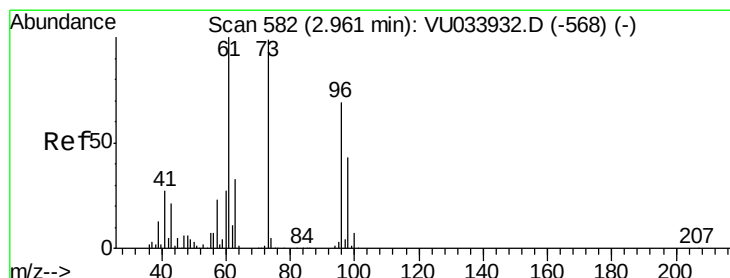
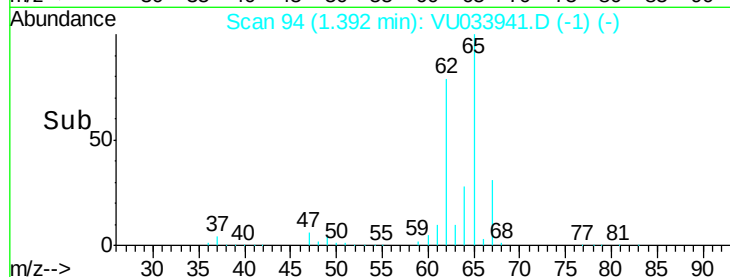
100000

50000

0

1.35 1.40 1.45

Time-->



#17

trans-1,2-Dichloroethene

Concen: 1.592 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

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Acq: 23 Aug 2019 14:40

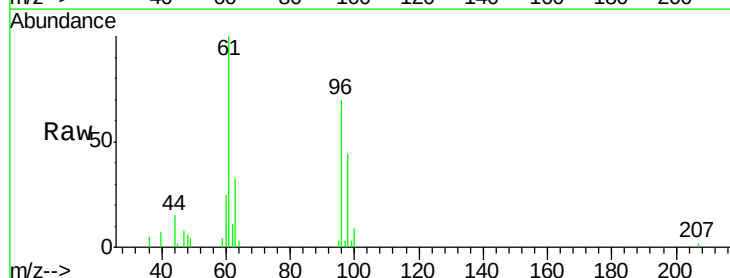
Tgt Ion: 96 Resp: 6439

Ion Ratio Lower Upper

96 100

61 143.2 101.2 187.8

98 62.9 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU033941.D (-489) (-)

Ion 61.00 (60.70 to 61.70): VU033941.D (-489) (-)

Ion 98.00 (97.70 to 98.70): VU033941.D (-489) (-)

2.96

6000

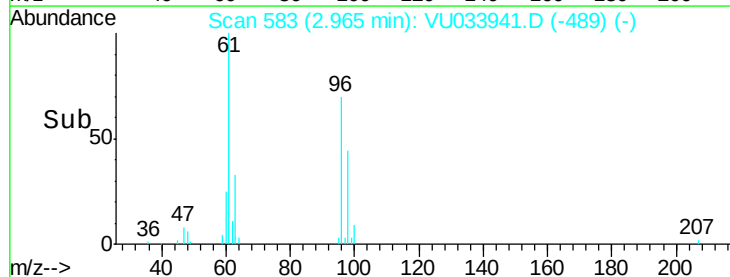
4000

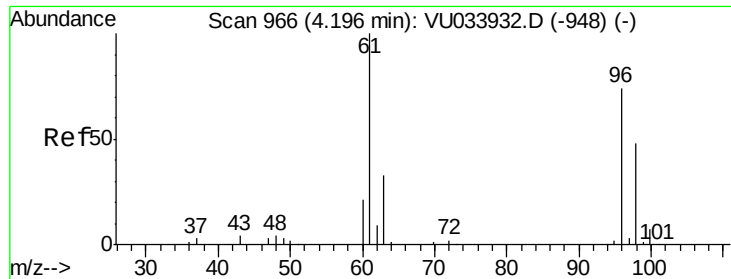
2000

0

2.90 2.95 3.00

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 31.661 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033941.D
 Acq: 23 Aug 2019 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B94DL

Tot Ion: 96 Resp: 140954
 Ion Ratio Lower Upper
 96 100
 61 133.2 95.5 177.4
 68 0.0 0.0 0.0

