

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033922.D
 Acq On : 23 Aug 2019 00:13
 Operator : JC/SP
 Sample : K4485-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B15

Quant Time: Aug 23 04:59:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 02:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	574678	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	585540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	241445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	217372	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.26%
7) Chloroethane-d5	1.67	69	181199	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.66%
11) 1,1-Dichloroethene-d2	2.25	63	310815	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.38%
21) 2-Butanone-d5	4.15	46	306414	90.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.35%
24) Chloroform-d	4.62	84	371204	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.28	65	256731	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
32) Benzene-d6	5.31	84	784276	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
36) 1,2-Dichloropropane-d6	6.31	67	257332	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	7.55	98	663657	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%
43) trans-1,3-Dichloropropene-	7.83	79	107917	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.64%
47) 2-Hexanone-d5	8.29	63	200782	89.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	346744	45.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	244328	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

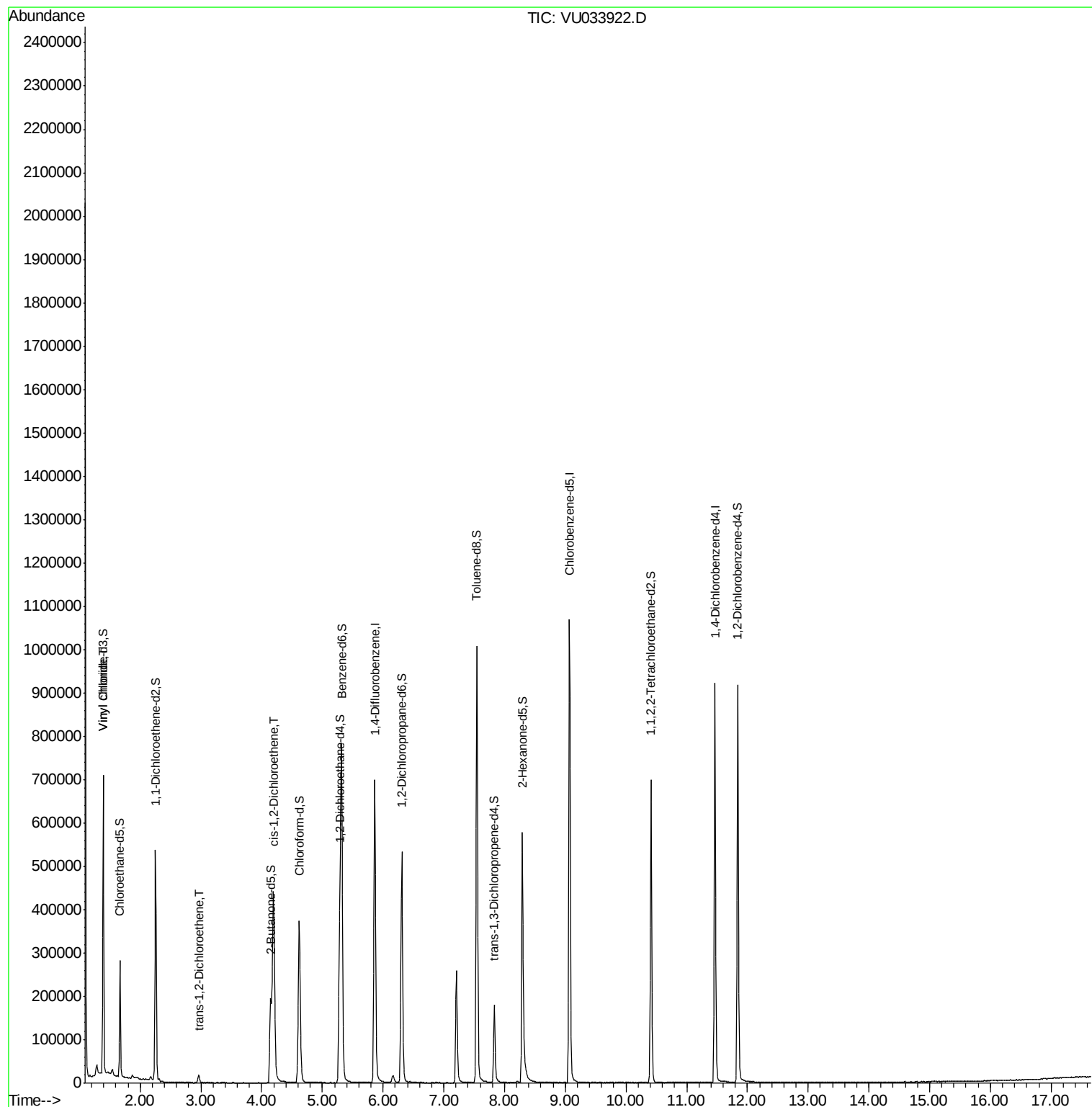
					Ovalue
5) Vinyl chloride	1.39	62	243471	40.548 ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	6834	1.642 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	236046	51.512 ug/L	97

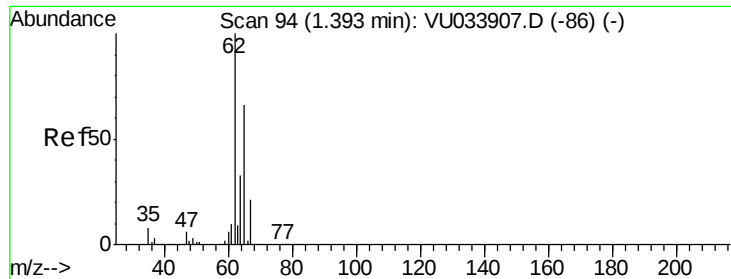
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 40.548 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033922.D

Acq: 23 Aug 2019 00:13

Instrument :

MSVOA_U

ClientSampled :

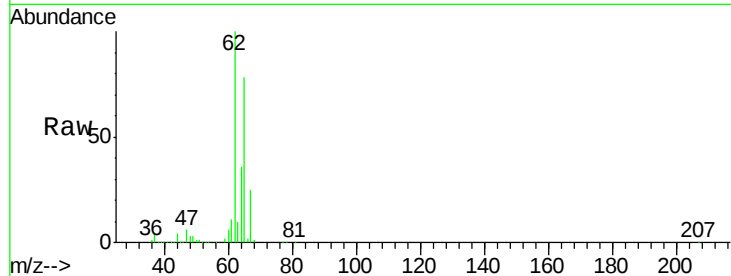
F2B15

Tot Ion: 62 Resp: 243471

Ion Ratio Lower Upper

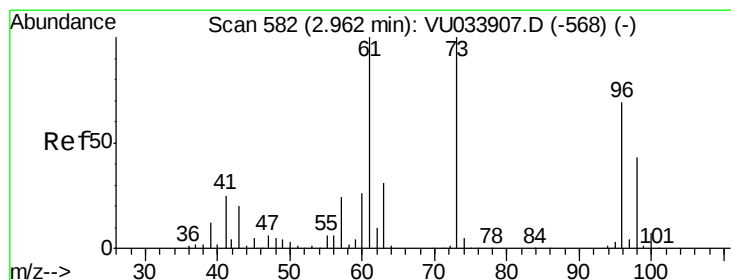
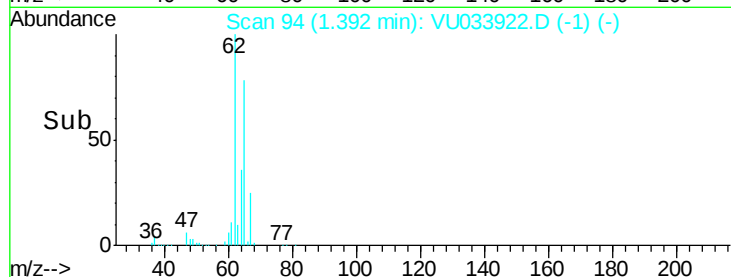
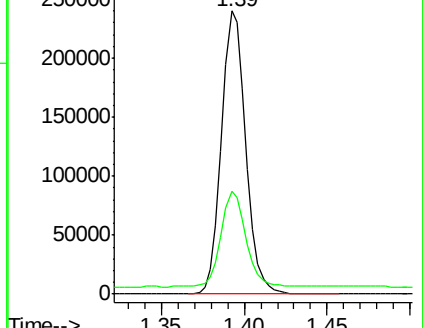
62 100

64 36.2 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU033907.D (-86) (-)

Ion 64.00 (63.70 to 64.70): VU033907.D (-86) (-)



#17

trans-1,2-Dichloroethene

Concen: 1.642 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033922.D

Acq: 23 Aug 2019 00:13

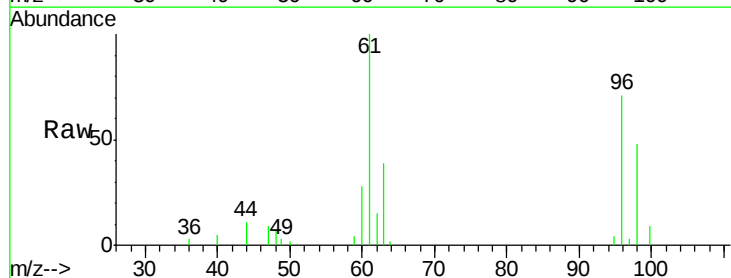
Tgt Ion: 96 Resp: 6834

Ion Ratio Lower Upper

96 100

61 141.3 101.2 187.8

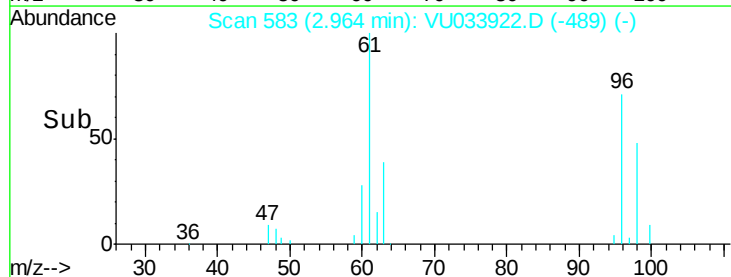
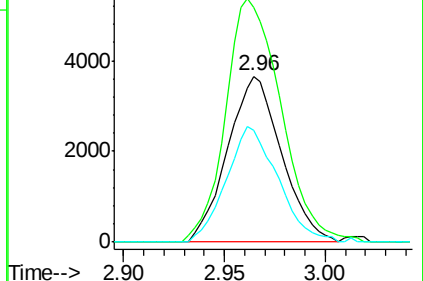
98 67.8 44.0 81.6

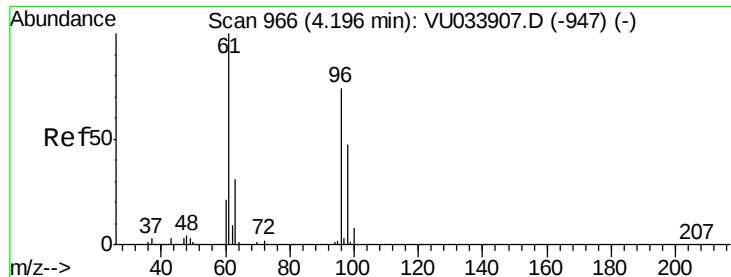


Abundance Ion 96.00 (95.70 to 96.70): VU033907.D (-568) (-)

Ion 61.00 (60.70 to 61.70): VU033907.D (-568) (-)

Ion 98.00 (97.70 to 98.70): VU033907.D (-568) (-)





#20
 cis-1,2-Dichloroethene
 Concen: 51.512 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033922.D
 Acq: 23 Aug 2019 00:13

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B15

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	95.5	177.4
68	0.0	0.0	0.0

