

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035408.D
 Acq On : 23 Oct 2019 14:06
 Operator : JC/SP
 Sample : K5461-01DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ2DL

Quant Time: Oct 25 16:19:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 17:16:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	240322	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	67879	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.94	69	70623	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.59	63	96314	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.71	46	251893	59.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.64%
24) Chloroform-d	5.11	84	147843	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.75	65	86526	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.77	84	283768	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.74	67	99745	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.93	98	234689	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.22	79	35051	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.69	63	173225	46.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.90%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86127	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	74881	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

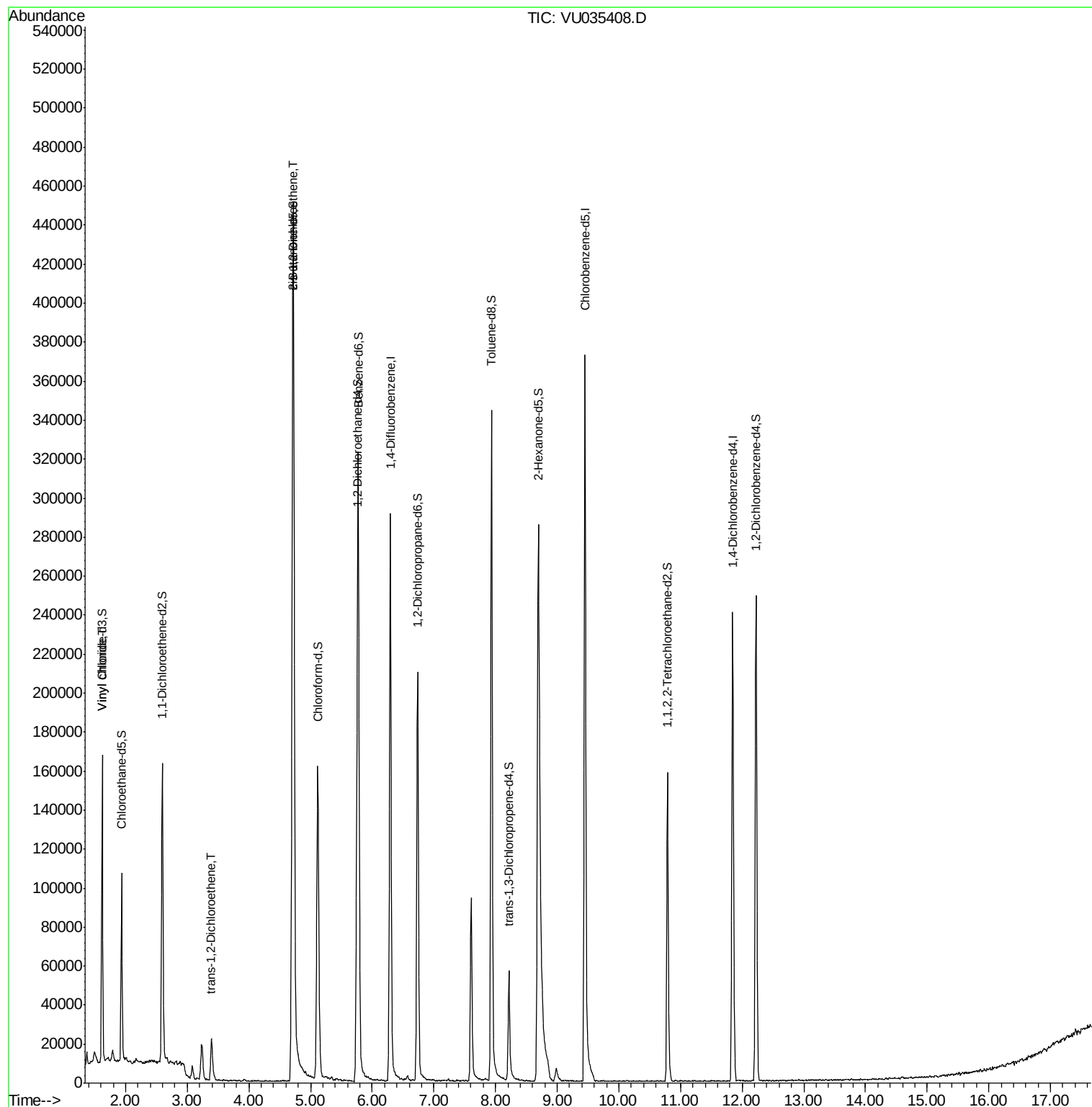
					Ovalue
5) Vinyl chloride	1.62	62	47545	2.282 ug/L	89
18) trans-1,2-Dichloroethene	3.39	96	9023	0.542 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	178013	9.666 ug/L	97

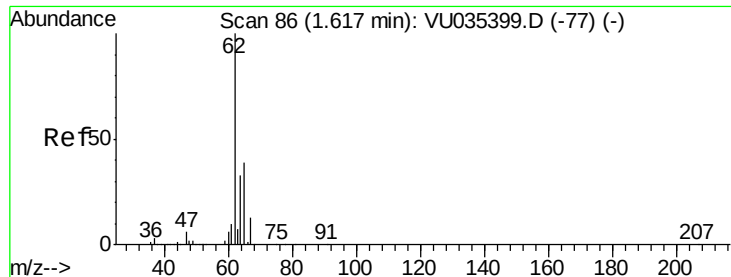
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.282 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035408.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

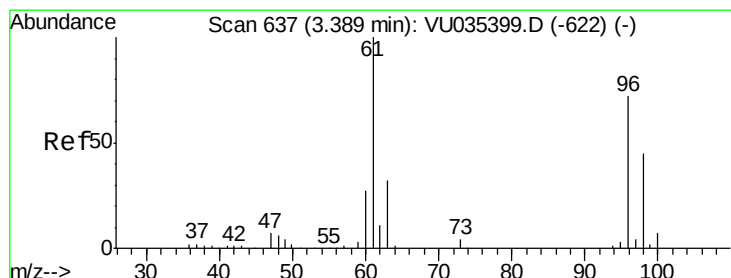
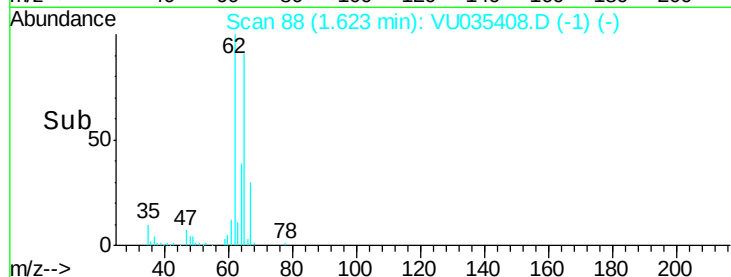
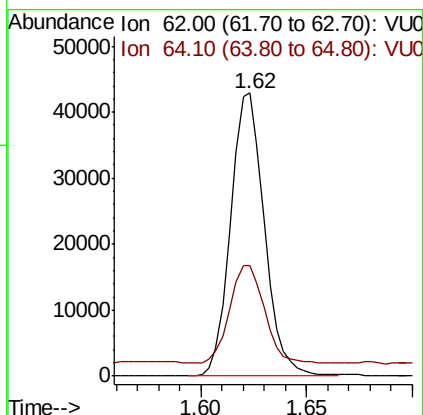
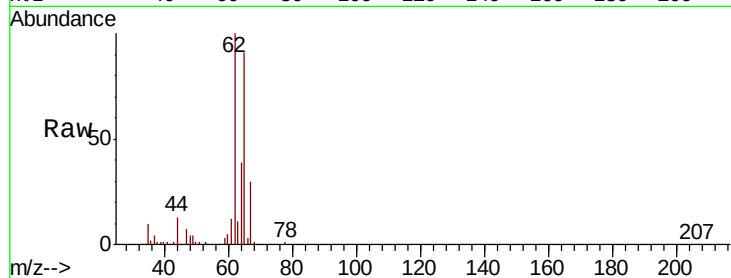
H0FZ2DL

Tot Ion: 62 Resp: 47545

Ion Ratio Lower Upper

62 100

64 39.1 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 0.542 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

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Acq: 23 Oct 2019 14:06

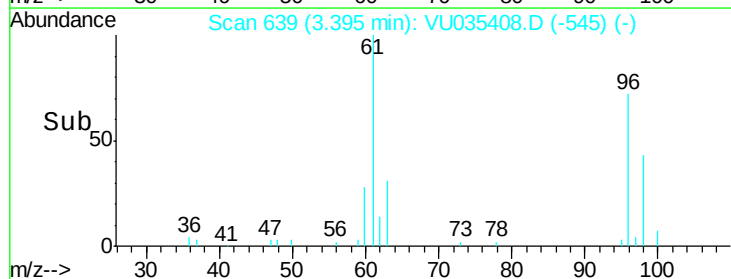
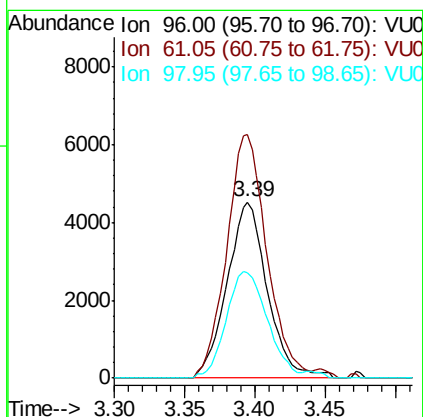
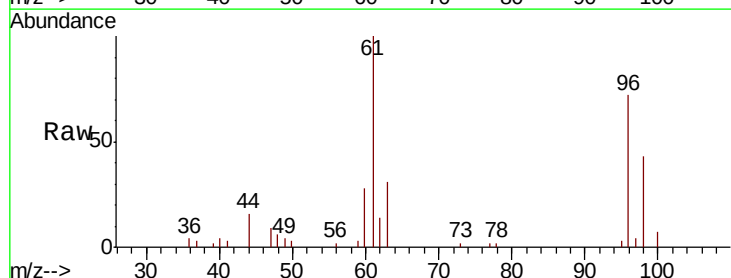
Tgt Ion: 96 Resp: 9023

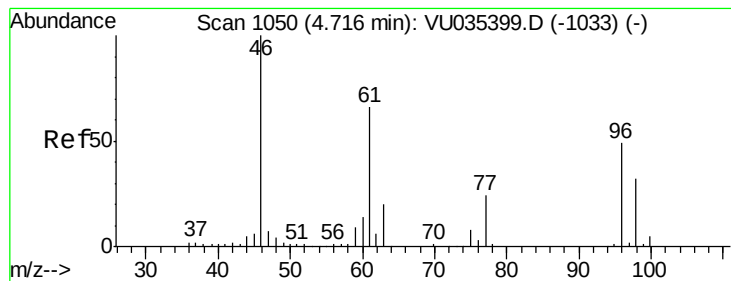
Ion Ratio Lower Upper

96 100

61 138.1 93.0 172.6

98 59.7 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 9.666 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

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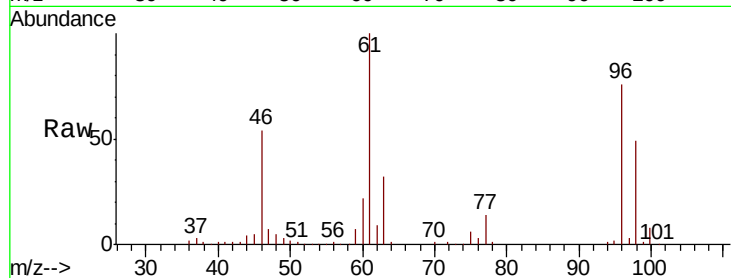
Tot Ion: 96 Resp: 178013

Ion Ratio Lower Upper

96 100

61 131.3 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

