

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112619\
 Data File : VU035850.D
 Acq On : 26 Nov 2019 12:01
 Operator : JC/SP
 Sample : K5992-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE6DL

Quant Time: Nov 27 01:53:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	163603	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.93	69	143546	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.59	63	200513	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.70	46	390692	55.58	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	5.11	84	251843	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.75	65	143947	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	489872	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.73	67	173887	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.93	98	385230	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.22	79	59250	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.68	63	285584	54.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	136178	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	121167	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

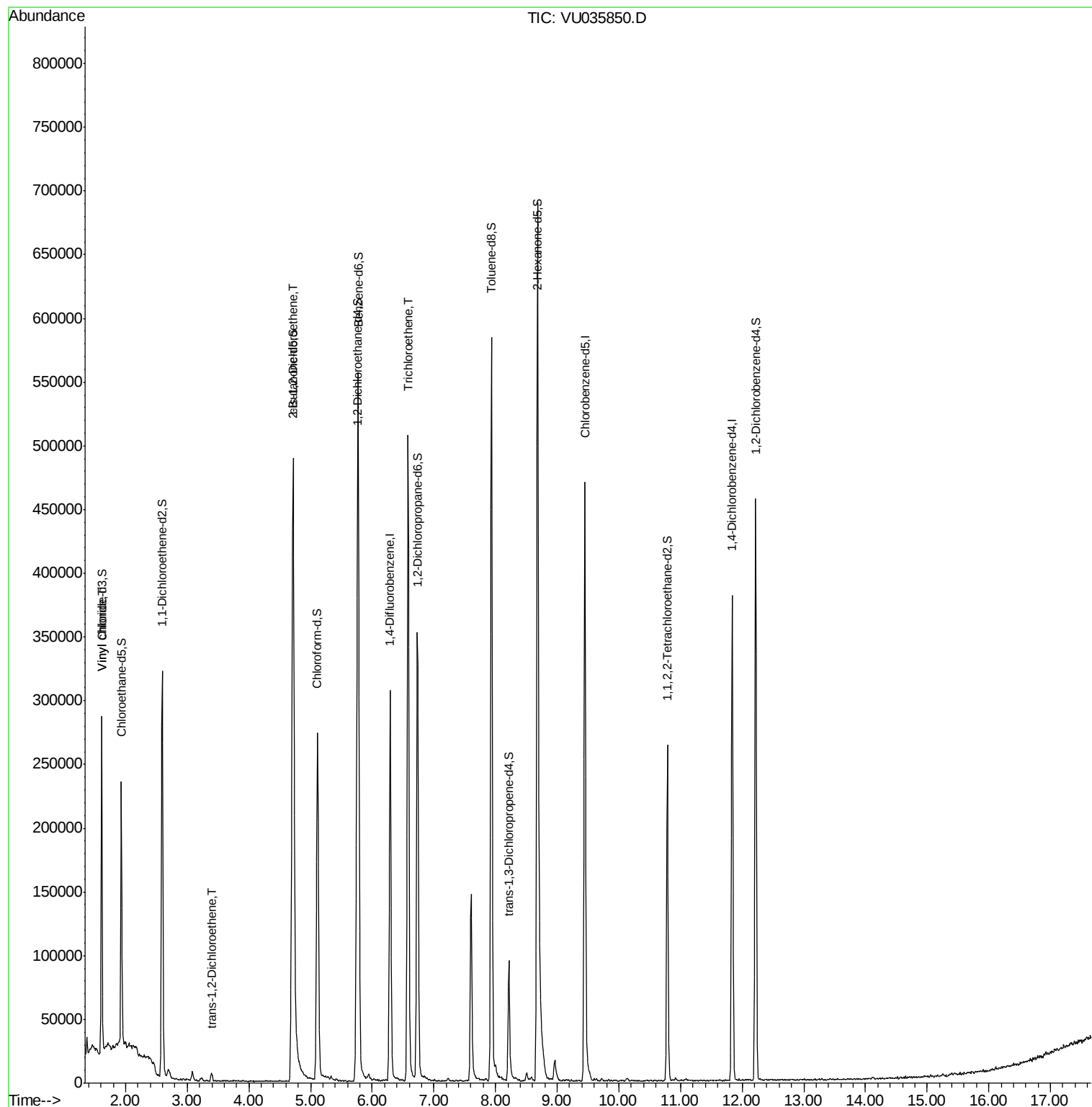
					Qvalue
5) Vinyl chloride	1.62	62	18759	0.483 ug/L	92
18) trans-1,2-Dichloroethene	3.40	96	2355	0.099 ug/L	75
22) cis-1,2-Dichloroethene	4.72	96	159560	6.010 ug/L	99
34) Trichloroethene	6.58	95	179568	6.679 ug/L	97

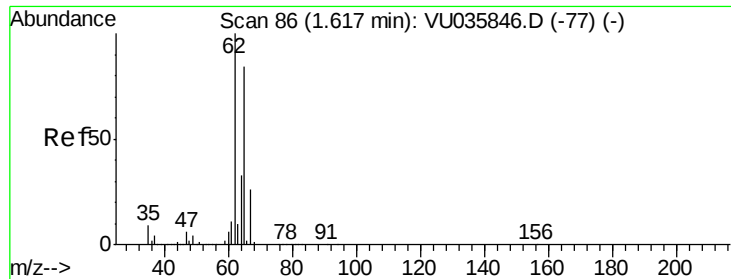
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.483 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU035850.D

Acq: 26 Nov 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

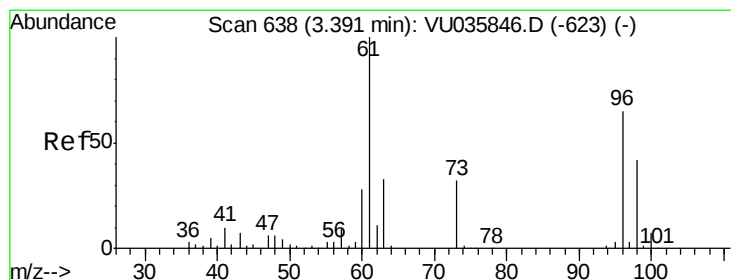
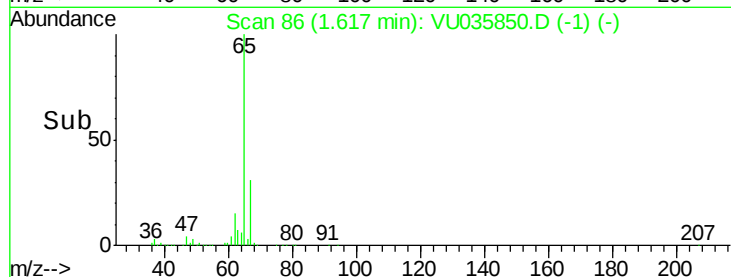
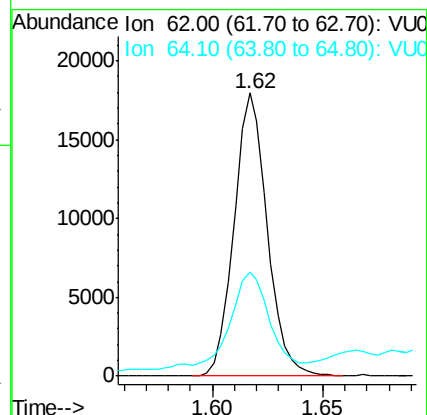
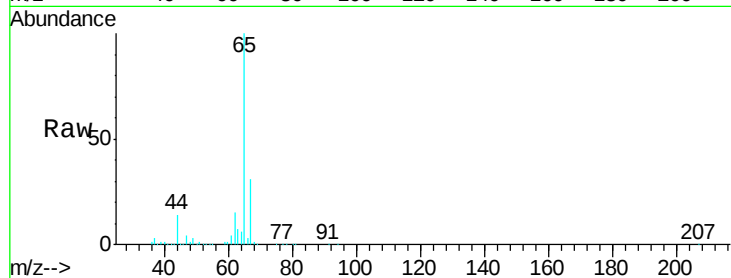
GARE6DL

Tgt Ion: 62 Resp: 18759

Ion Ratio Lower Upper

62 100

64 36.7 22.5 41.9



#18

trans-1,2-Dichloroethene

Concen: 0.099 ug/L

RT: 3.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: VU035850.D

Acq: 26 Nov 2019 12:01

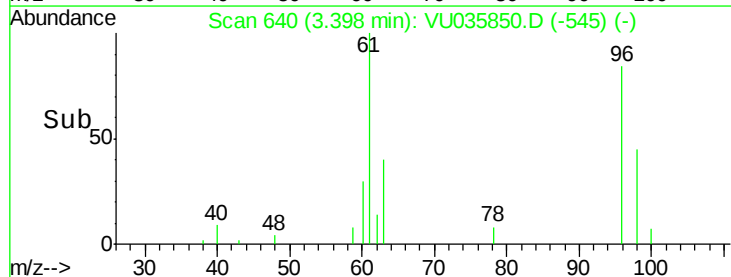
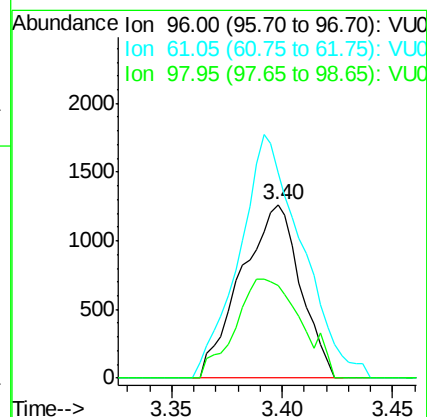
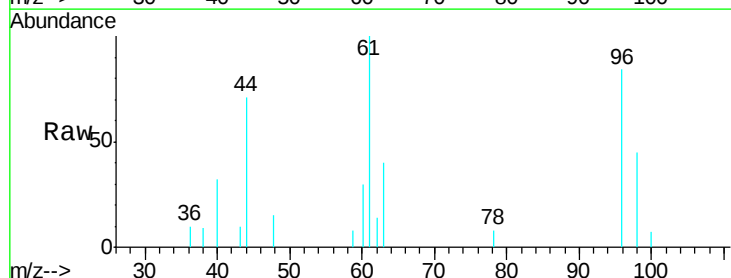
Tgt Ion: 96 Resp: 2355

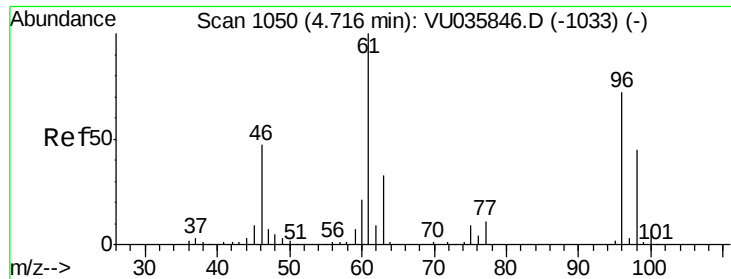
Ion Ratio Lower Upper

96 100

61 118.4 111.1 206.3

98 53.5 43.1 80.1

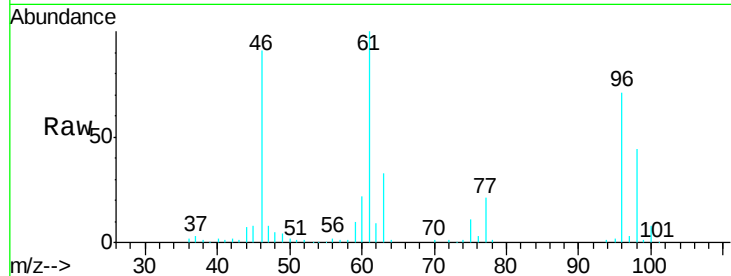




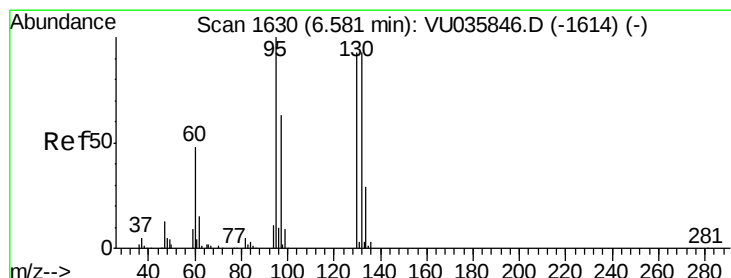
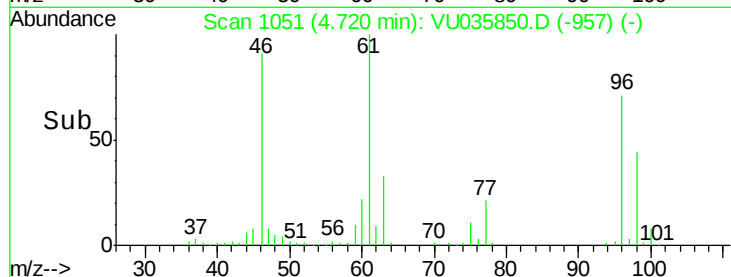
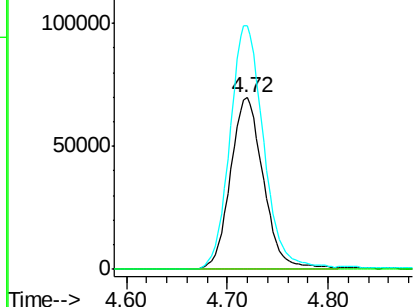
#22
 cis-1,2-Dichloroethene
 Concen: 6.010 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035850.D
 Acq: 26 Nov 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE6DL

Tgt Ion: 96 Resp: 159560
 Ion Ratio Lower Upper
 96 100
 61 141.8 98.1 182.1
 68 0.0 0.0 0.0

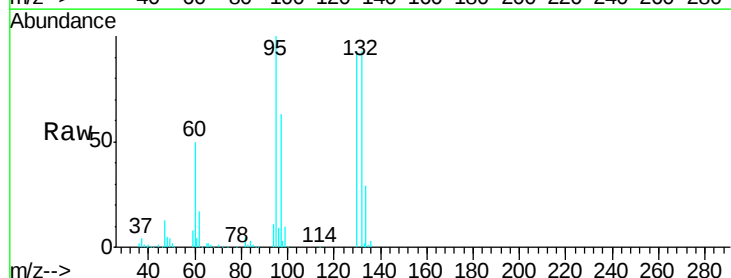


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#34
 Trichloroethene
 Concen: 6.679 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU035850.D
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Tgt Ion: 95 Resp: 179568
 Ion Ratio Lower Upper
 95 100
 97 62.9 45.1 83.9
 132 93.4 61.9 114.9
 130 92.9 66.3 123.1



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

