

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
 Data File : VU035403.D
 Acq On : 23 Oct 2019 12:09
 Operator : JC/SP
 Sample : K5461-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G01

Quant Time: Oct 23 17:40:16 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	232462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	234515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	62220	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.93	69	65603	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	88085	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.70	46	239607	58.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.64%
24) Chloroform-d	5.11	84	130442	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.75	65	79848	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.77	84	262226	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.74	67	93617	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.93	98	222201	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.22	79	33980	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.69	63	162561	44.60	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	82057	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	70706	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

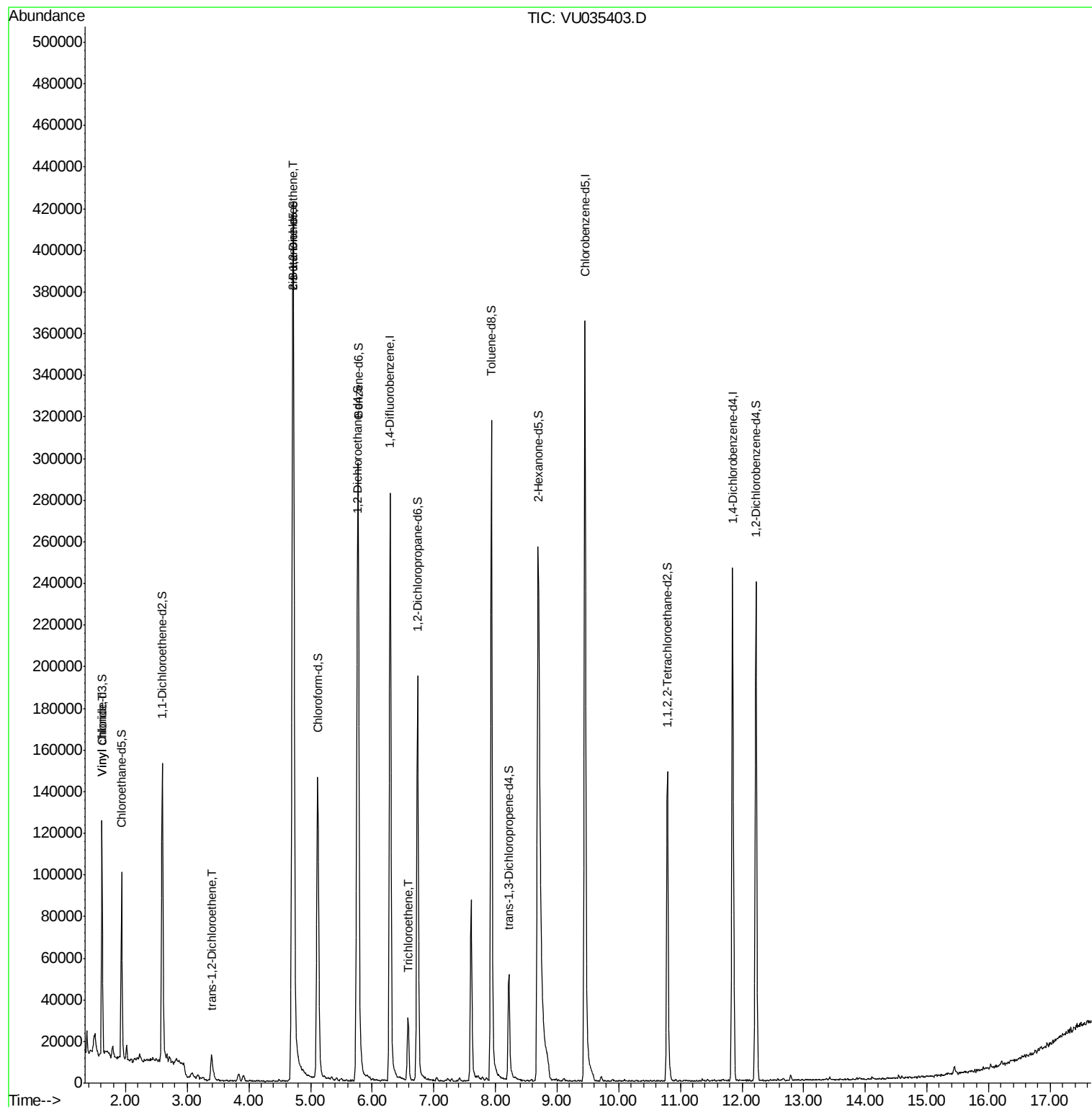
					Ovalue
5) Vinyl chloride	1.62	62	9414	0.467 ug/L	# 42
18) trans-1,2-Dichloroethene	3.39	96	4728	0.293 ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	173370	9.732 ug/L	96
34) Trichloroethene	6.58	95	10253	0.553 ug/L	89

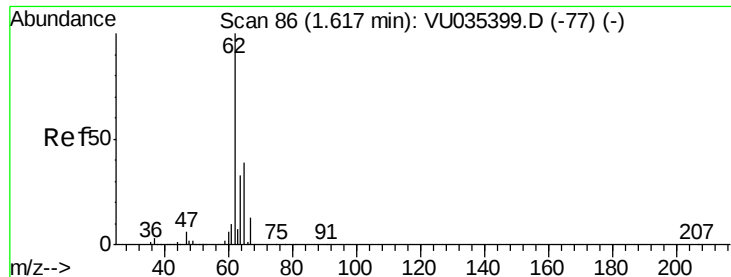
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.467 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035403.D

Acq: 23 Oct 2019 12:09

Instrument :

MSVOA_U

ClientSampleId :

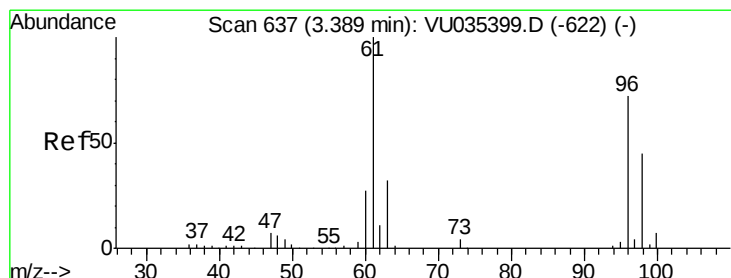
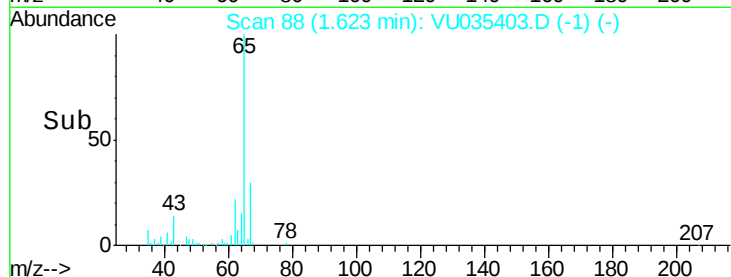
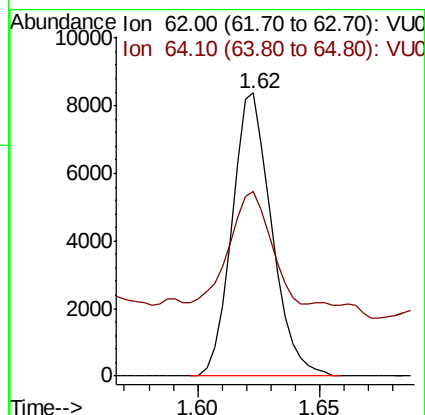
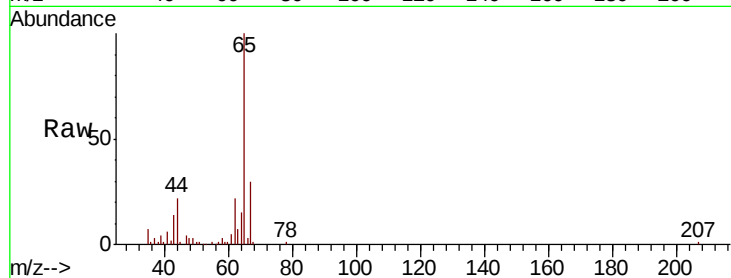
H0G01

Tot Ion: 62 Resp: 9414

Ion Ratio Lower Upper

62 100

64 65.4 22.9 42.5#



#18

trans-1,2-Dichloroethene

Concen: 0.293 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

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Acq: 23 Oct 2019 12:09

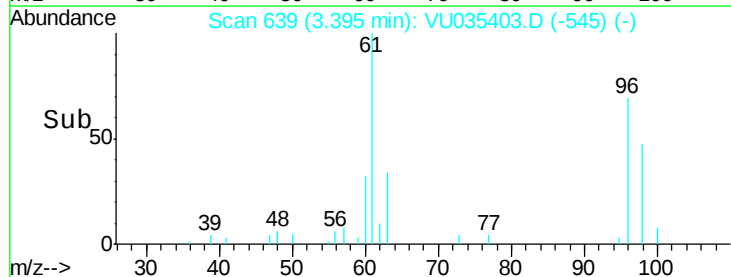
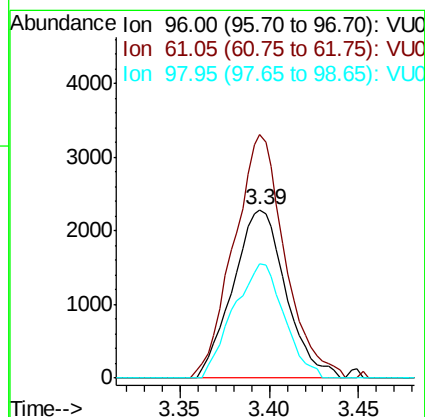
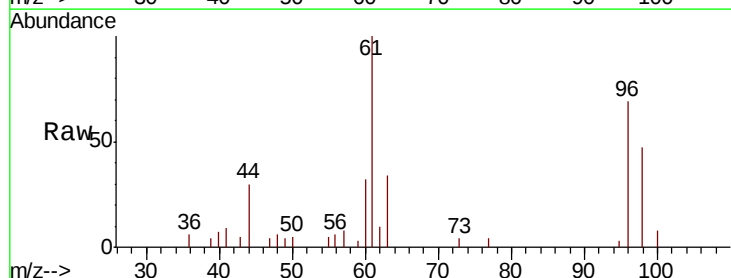
Tgt Ion: 96 Resp: 4728

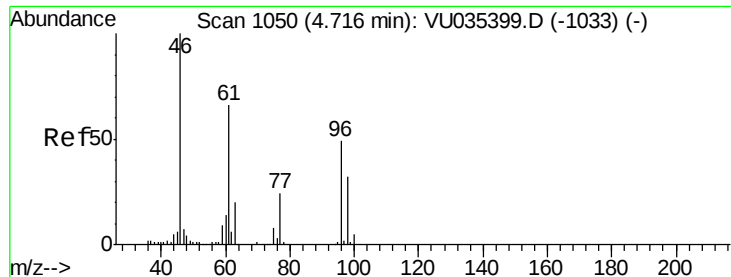
Ion Ratio Lower Upper

96 100

61 144.8 93.0 172.6

98 67.6 43.7 81.1

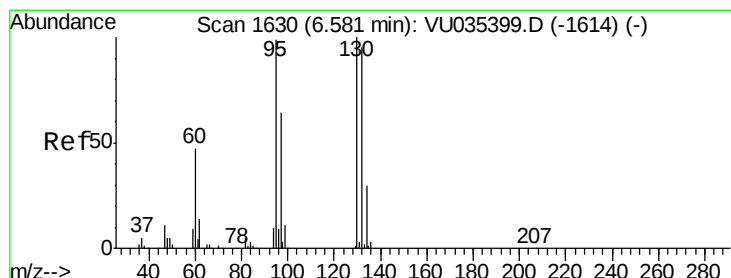
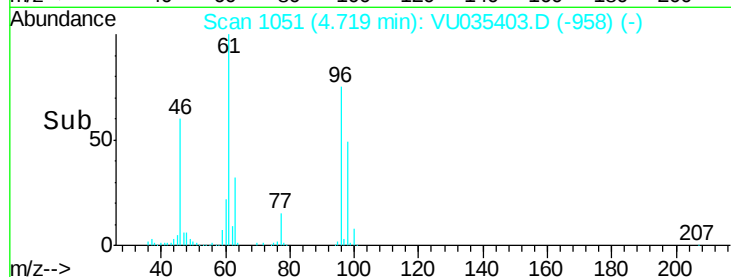
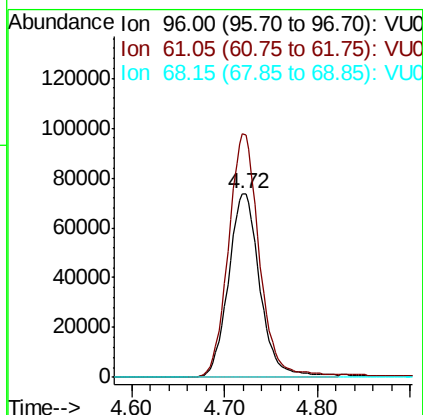
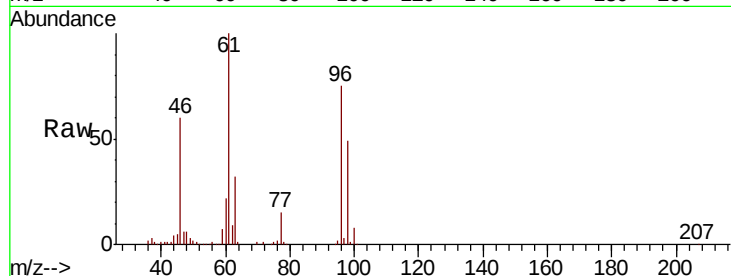




#22
 cis-1,2-Dichloroethene
 Concen: 9.732 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VU035403.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 H0G01

Tot Ion: 96 Resp: 173370
 Ion Ratio Lower Upper
 96 100
 61 132.5 89.7 166.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.553 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035403.D
 Acq: 23 Oct 2019 12:09

Tgt Ion: 95 Resp: 10253
 Ion Ratio Lower Upper
 95 100
 97 63.4 46.6 86.6
 132 82.4 68.7 127.7
 130 93.2 73.9 137.3

