

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112619\
 Data File : VU035863.D
 Acq On : 26 Nov 2019 17:41
 Operator : JC/SP
 Sample : K5992-10DL2 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF1DL2

Quant Time: Nov 27 03:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261482	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	154830	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.93	69	141542	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.59	63	193541	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.70	46	371970	54.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.30%
24) Chloroform-d	5.11	84	244134	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.75	65	138888	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.77	84	474653	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	169066	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	377924	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.22	79	57233	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.68	63	265361	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	130127	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	114625	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

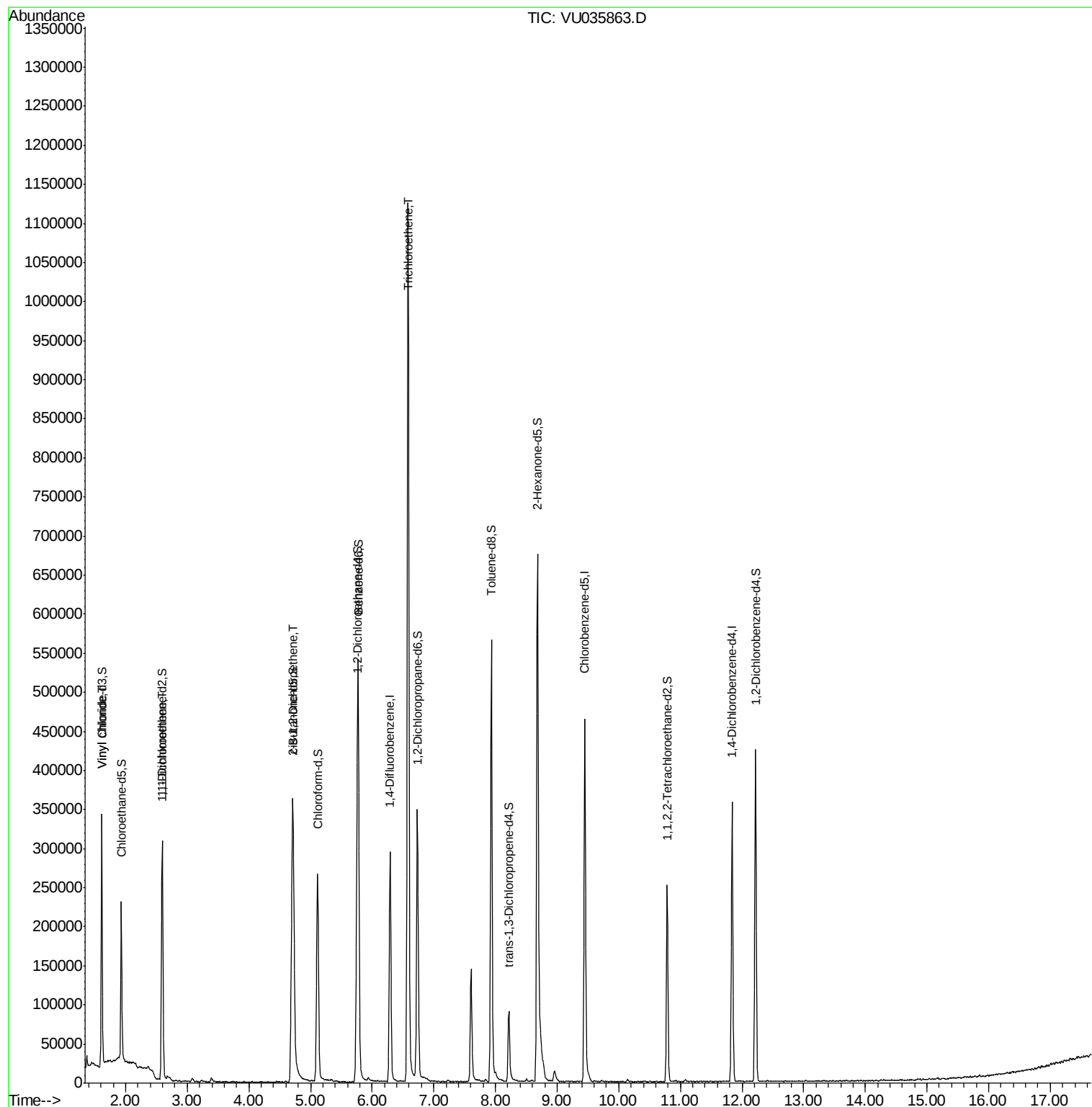
					Qvalue
5) Vinyl chloride	1.62	62	76894	2.046 ug/L	96
12) 1,1-Dichloroethene	2.61	96	9591	0.409 ug/L #	1
22) cis-1,2-Dichloroethene	4.72	96	103566	4.029 ug/L	93
34) Trichloroethene	6.58	95	400563	14.968 ug/L	99

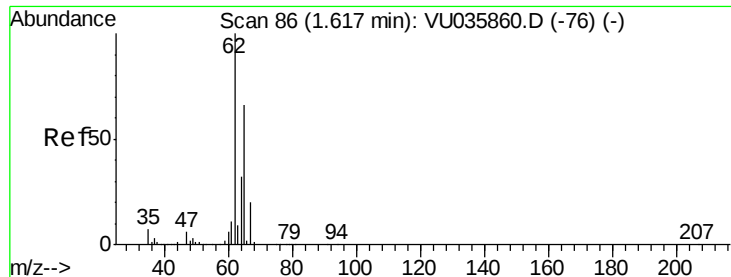
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.046 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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Acq: 26 Nov 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

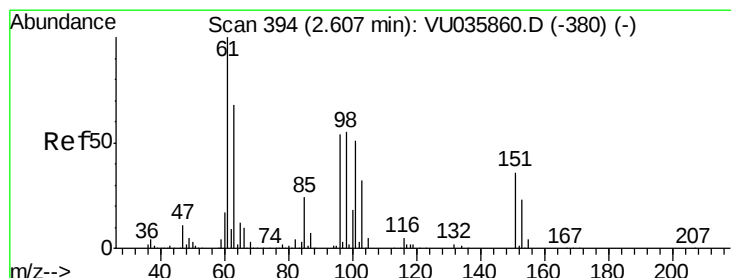
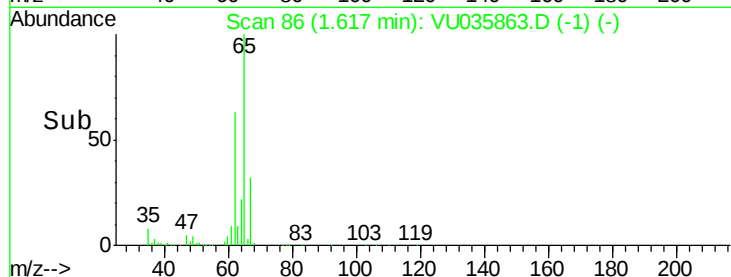
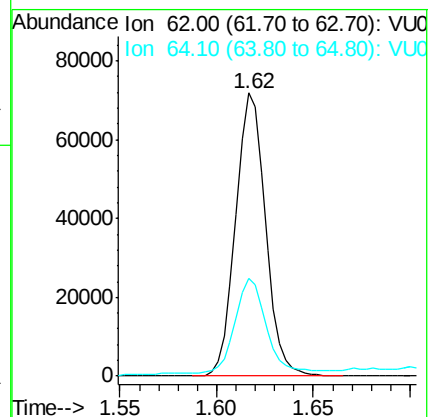
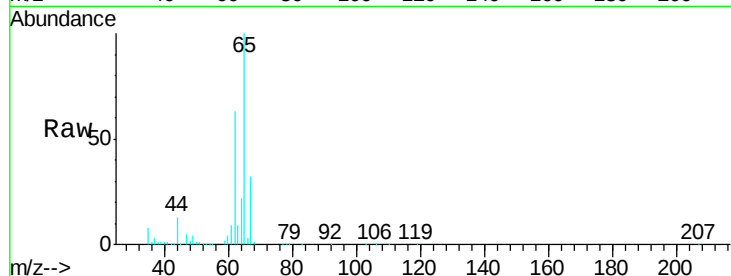
GARF1DL2

Tgt Ion: 62 Resp: 76894

Ion Ratio Lower Upper

62 100

64 34.5 22.5 41.9



#12

1,1-Dichloroethene

Concen: 0.409 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035863.D

Acq: 26 Nov 2019 17:41

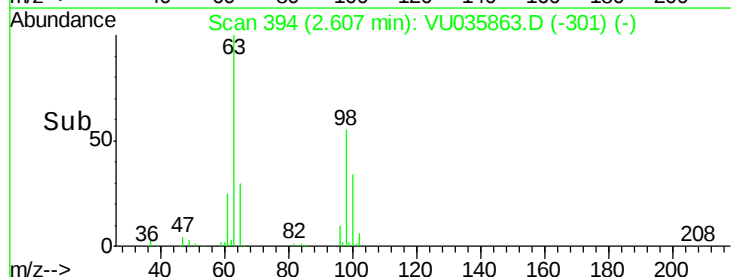
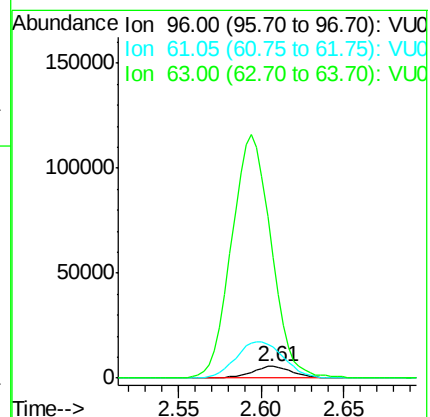
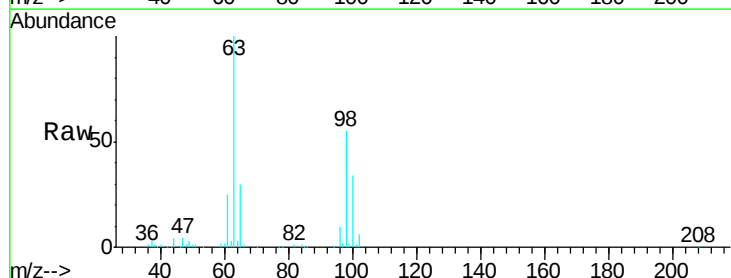
Tgt Ion: 96 Resp: 9591

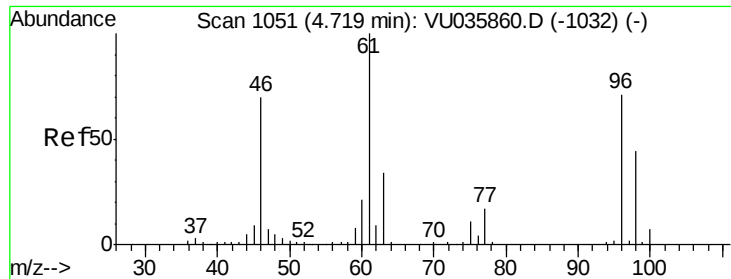
Ion Ratio Lower Upper

96 100

61 261.8 139.3 258.7#

63 1031.4 93.7 174.1#





#22

cis-1,2-Dichloroethene

Concen: 4.029 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

GARF1DL2

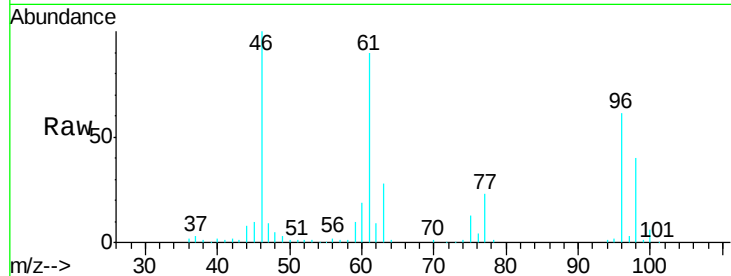
Tgt Ion: 96 Resp: 103566

Ion Ratio Lower Upper

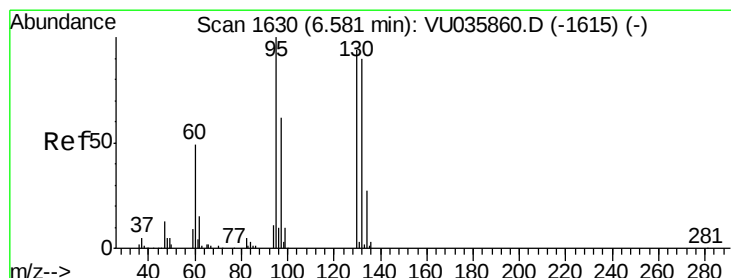
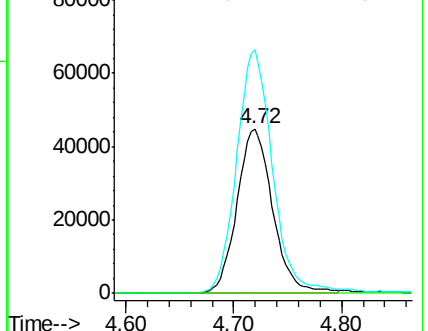
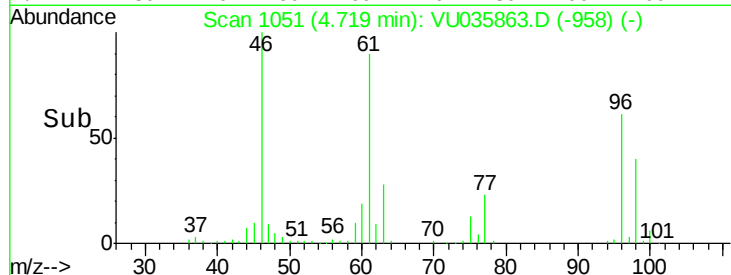
96 100

61 148.1 98.1 182.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035863.D (-958) (-)



#34

Trichloroethene

Concen: 14.968 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035863.D

Acq: 26 Nov 2019 17:41

Tgt Ion: 95 Resp: 400563

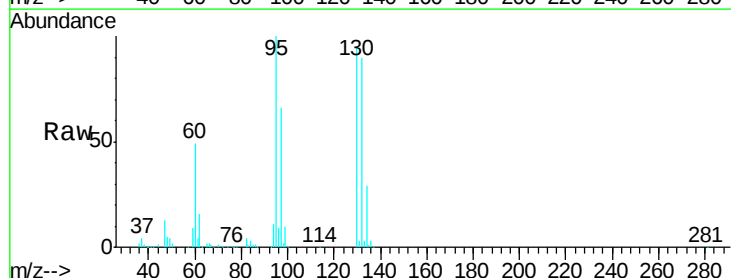
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.9

132 89.8 61.9 114.9

130 94.7 66.3 123.1



Abundance Ion 95.00 (94.70 to 95.70): VU035863.D (-1537) (-)

