

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033731.D
 Acq On : 10 Aug 2019 21:40
 Operator : JC/SP
 Sample : K4289-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B28RE

Quant Time: Aug 11 04:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:51:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	298543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32968	15.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	30.00%#
7) Chloroethane-d5	1.67	69	36045	16.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.72%#
11) 1,1-Dichloroethene-d2	2.26	63	43982	11.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	23.80%#
21) 2-Butanone-d5	4.15	46	142655	104.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.71%
24) Chloroform-d	4.62	84	102814	31.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.98%#
26) 1,2-Dichloroethane-d4	5.29	65	66895	32.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.54%#
32) Benzene-d6	5.32	84	165842	24.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.52%#
36) 1,2-Dichloropropane-d6	6.31	67	67004	31.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	63.90%#
41) Toluene-d8	7.55	98	130435	20.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	40.58%#
43) trans-1,3-Dichloropropene-	7.83	79	25581	24.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.30%#
47) 2-Hexanone-d5	8.29	63	99722	91.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	136727	44.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	80979	34.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.64%#

Target Compounds

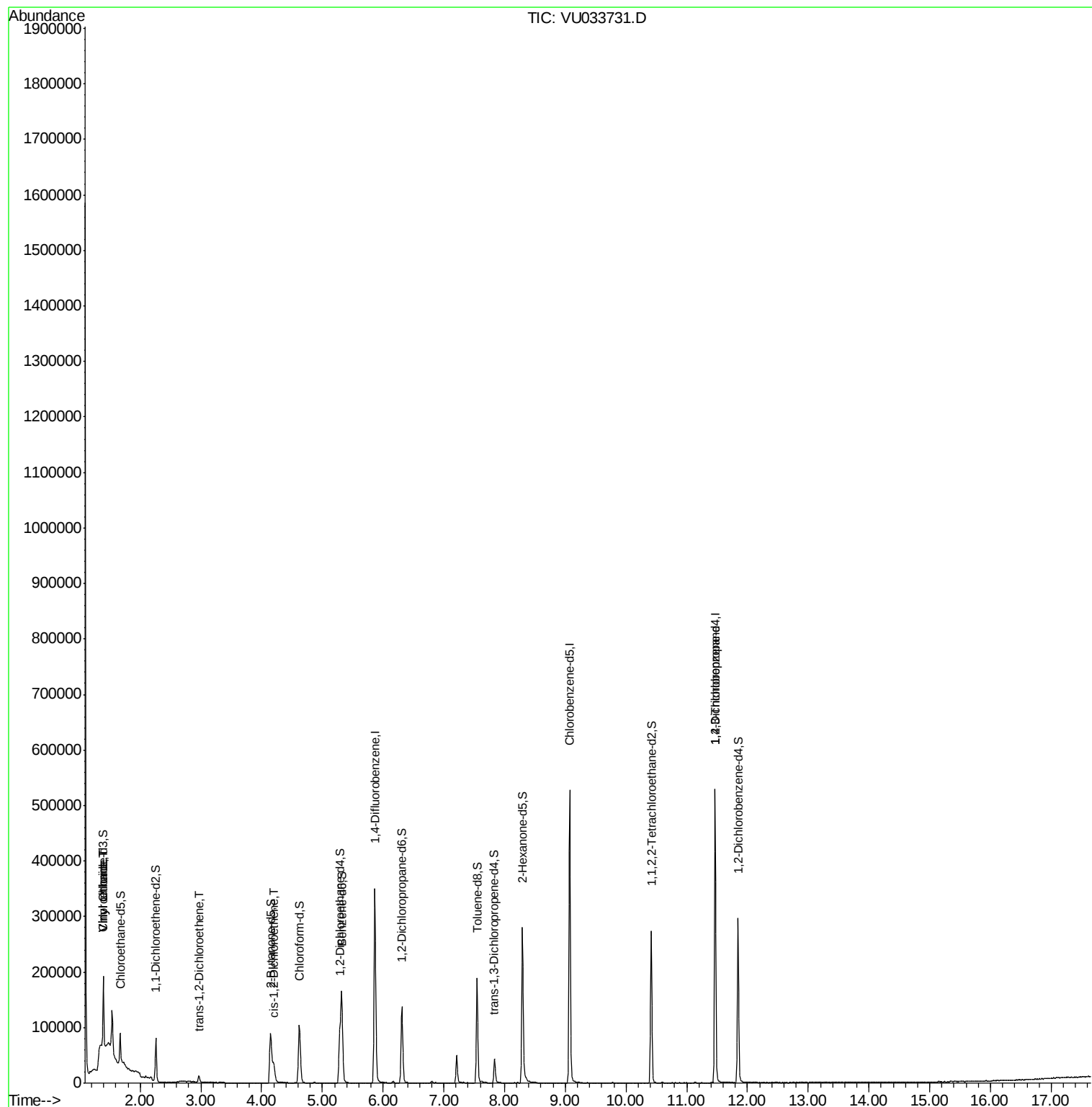
					Qvalue
5) Vinyl chloride	1.40	62	54197	21.565 ug/L #	1
8) Chloroethane	1.40	64	17176	8.977 ug/L #	51
17) trans-1,2-Dichloroethene	2.96	96	4900	2.604 ug/L	84
20) cis-1,2-Dichloroethene	4.20	96	15545	7.243 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	16100	5.537 ug/L	94

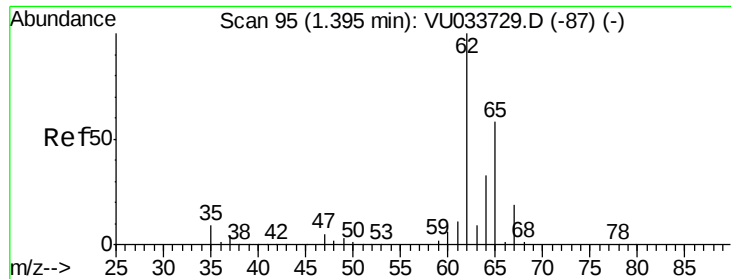
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 21.565 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

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ClientSampleId :

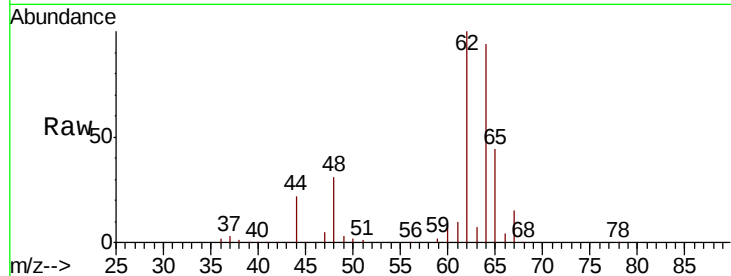
F2B28RE

Tgt Ion: 62 Resp: 54197

Ion Ratio Lower Upper

62 100

64 94.1 23.7 43.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

60000

50000

40000

30000

20000

10000

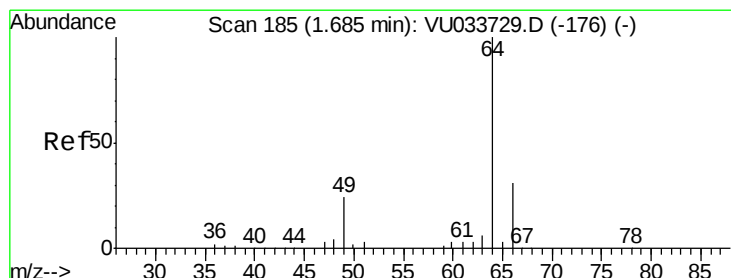
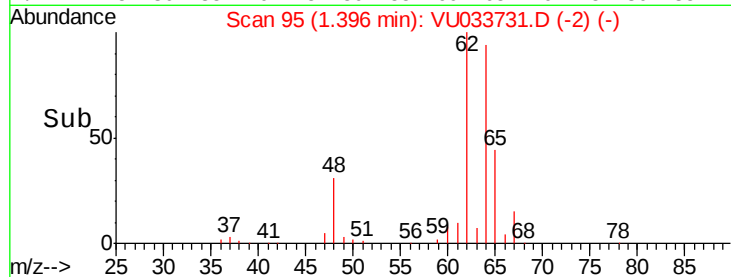
0

Time-->

1.35

1.40

1.45



#8

Chloroethane

Concen: 8.977 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.29 min

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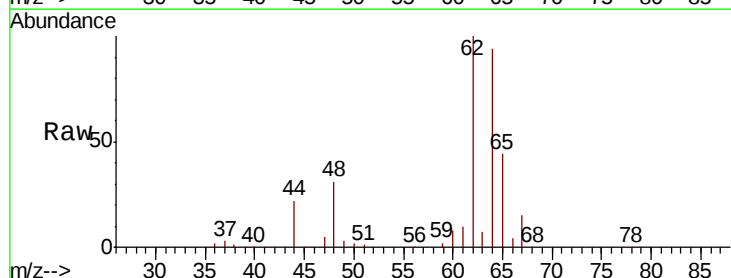
Acq: 10 Aug 2019 21:40

Tgt Ion: 64 Resp: 17176

Ion Ratio Lower Upper

64 100

66 4.3 22.0 41.0#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.40

50000

40000

30000

20000

10000

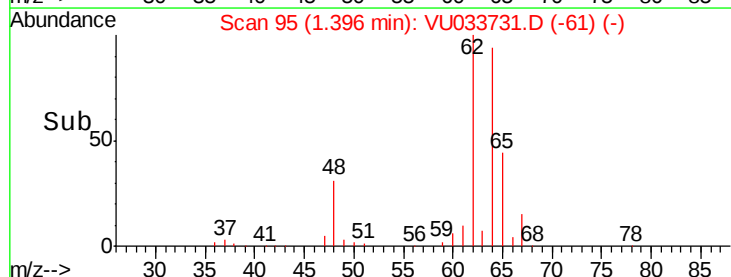
0

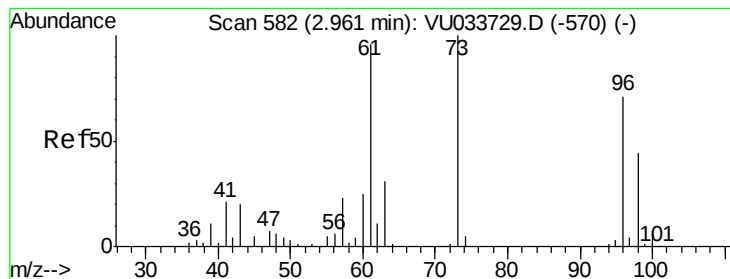
Time-->

1.38

1.40

1.42





#17

trans-1,2-Dichloroethene

Concen: 2.604 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

F2B28RE

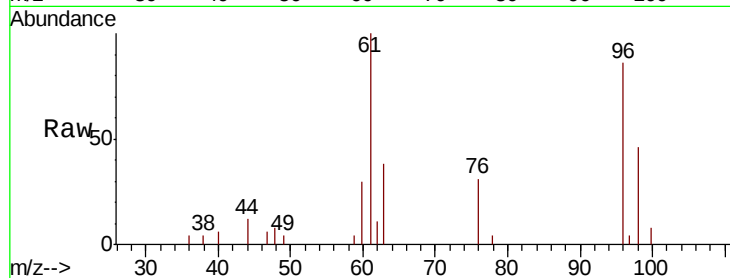
Tgt Ion: 96 Resp: 4900

Ion Ratio Lower Upper

96 100

61 116.0 95.6 177.6

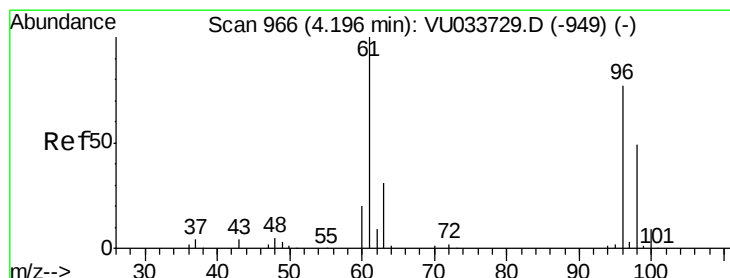
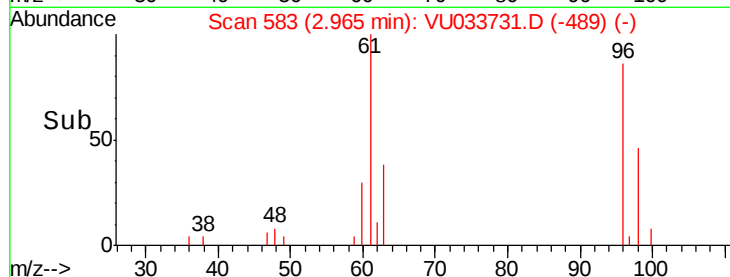
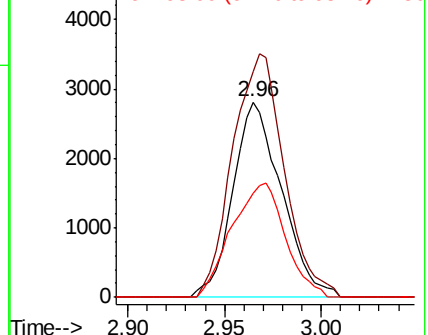
98 53.6 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU033729.D (-570) (-)

Ion 61.00 (60.70 to 61.70): VU033729.D (-570) (-)

Ion 98.00 (97.70 to 98.70): VU033729.D (-570) (-)



#20

cis-1,2-Dichloroethene

Concen: 7.243 ug/L

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

Lab File: VU033731.D

Acq: 10 Aug 2019 21:40

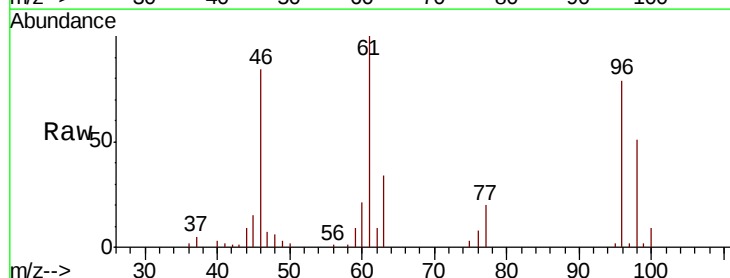
Tgt Ion: 96 Resp: 15545

Ion Ratio Lower Upper

96 100

61 126.2 87.0 161.6

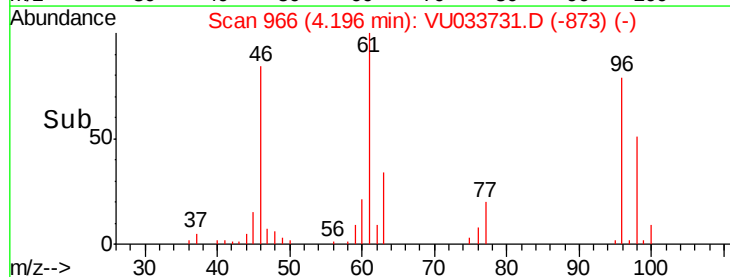
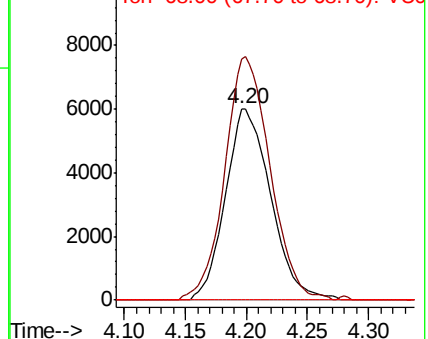
68 0.0 0.0 0.0

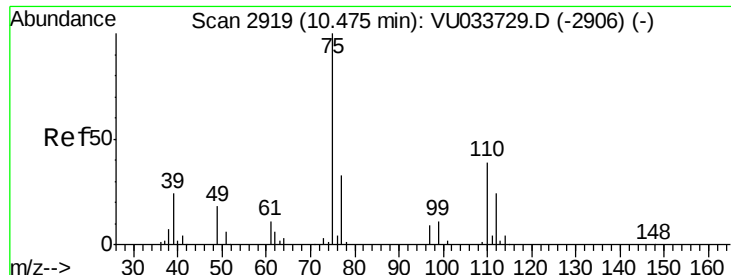


Abundance Ion 96.00 (95.70 to 96.70): VU033729.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033729.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033729.D (-949) (-)





#59

1,2,3-Trichloropropane

Concen: 5.537 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033731.D

Acq: 10 Aug 2019 21:40

Instrument :

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F2B28RE

Tgt Ion: 75 Resp: 16100

Ion Ratio Lower Upper

75 100

77 36.3 26.4 39.6

