

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025441.D
 Acq On : 16 Jul 2018 22:10
 Operator : MD/SY
 Sample : J3984-07DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB181DL

Quant Time: Jul 17 03:57:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	325458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	312074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	152716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71878	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.14%
7) Chloroethane-d5	1.64	69	46731	32.52	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.04%#
11) 1,1-Dichloroethene-d2	2.26	63	112219	29.67	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.34%#
21) 2-Butanone-d5	4.18	46	173230	97.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.97%
24) Chloroform-d	4.64	84	180324	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.31	65	127776	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.34	84	347612	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
36) 1,2-Dichloropropane-d6	6.33	67	115120	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.78%
41) Toluene-d8	7.57	98	323960	42.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.10%
43) trans-1,3-Dichloropropene-	7.85	79	52022	40.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.86%
47) 2-Hexanone-d5	8.31	63	139265	102.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	194436	49.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	150739	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%

Target Compounds

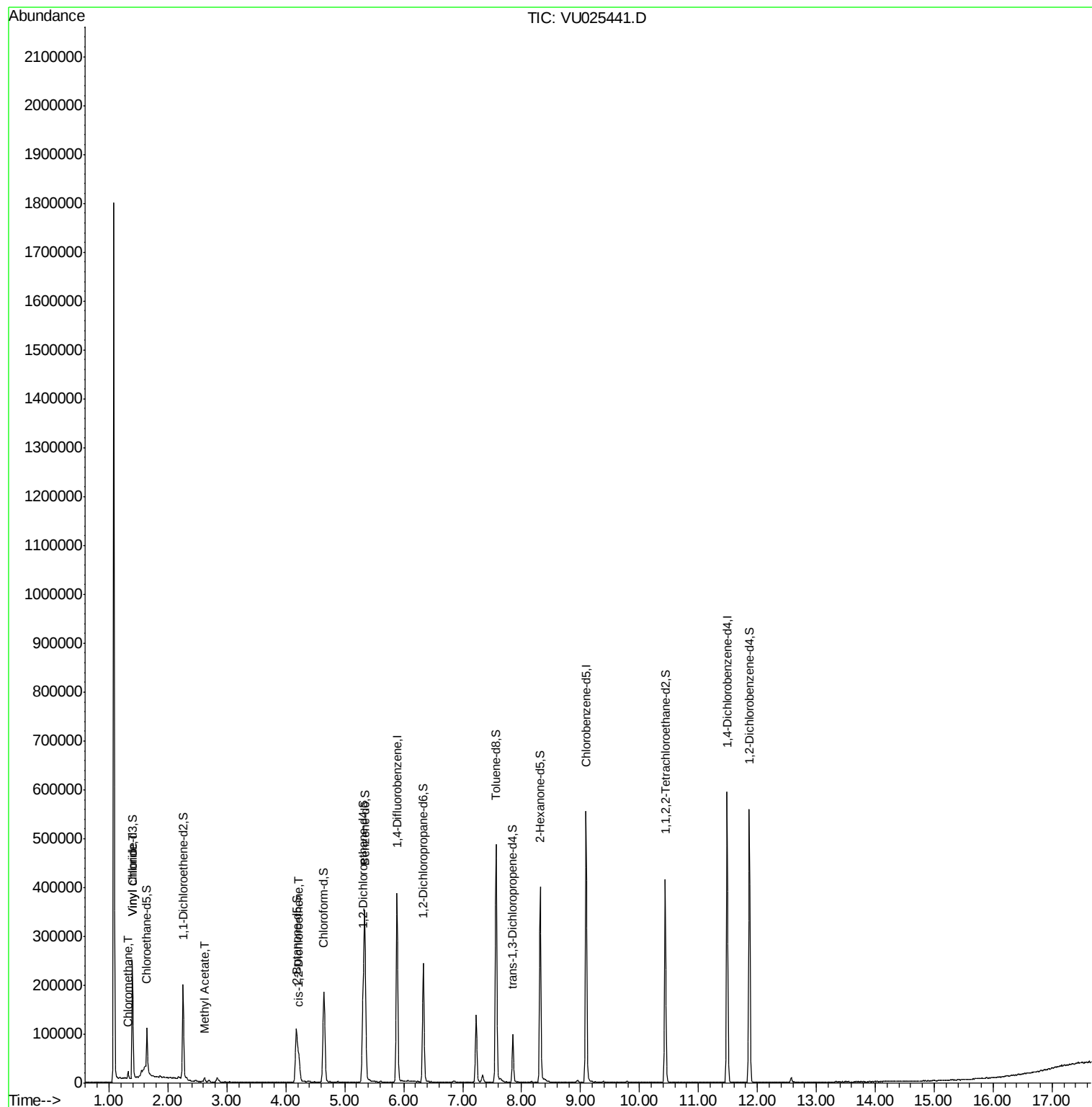
					Qvalue
3) Chloromethane	1.32	50	11893	3.903 ug/L	92
5) Vinyl chloride	1.40	62	100725	40.533 ug/L	98
15) Methyl Acetate	2.62	43	9755	3.525 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	22969	9.197 ug/L	99

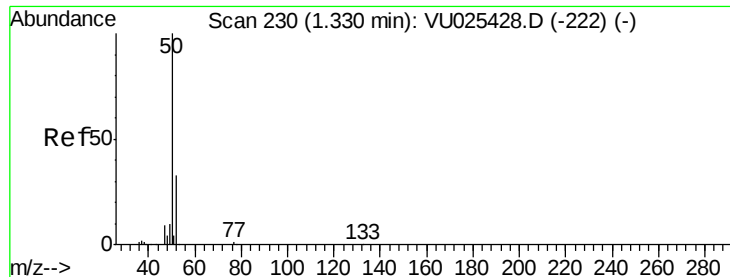
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.903 ug/L

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

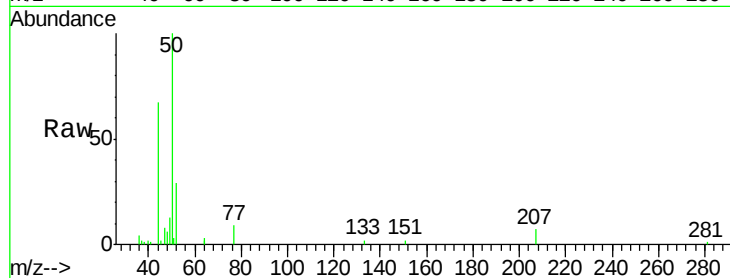
DB181DL

Tgt Ion: 50 Resp: 11893

Ion Ratio Lower Upper

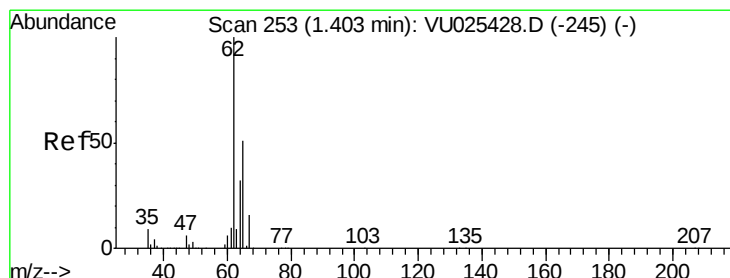
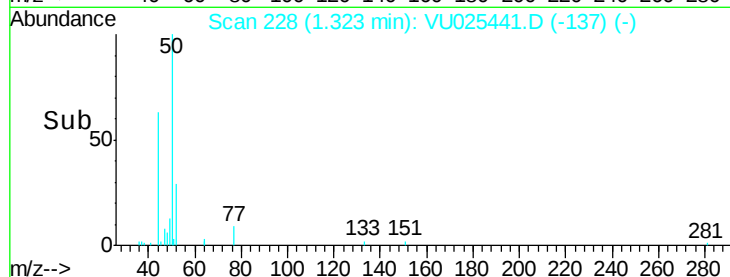
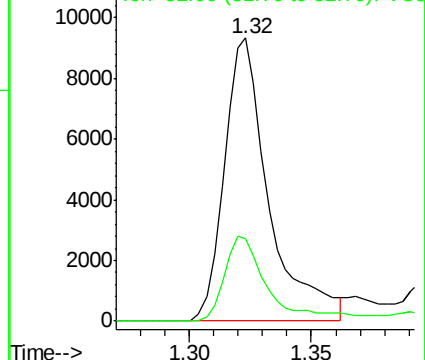
50 100

52 29.0 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#5

Vinyl chloride

Concen: 40.533 ug/L

RT: 1.40 min Scan# 251

Delta R.T. -0.01 min

Lab File: VU025441.D

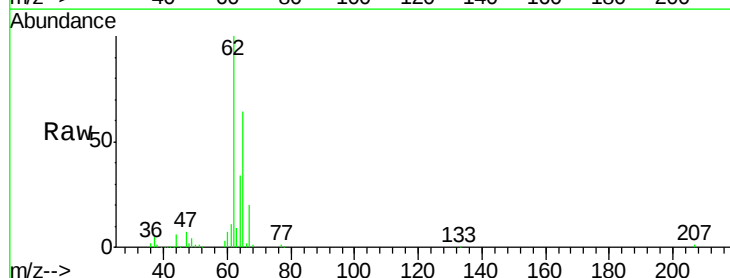
Acq: 16 Jul 2018 22:10

Tgt Ion: 62 Resp: 100725

Ion Ratio Lower Upper

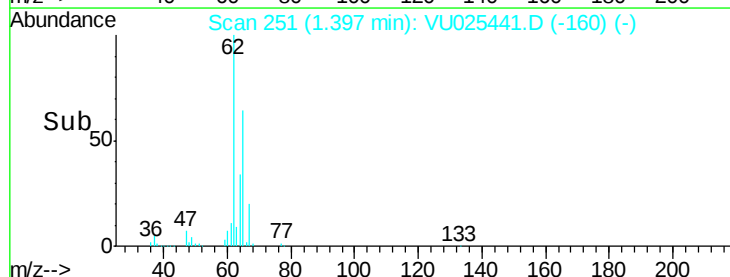
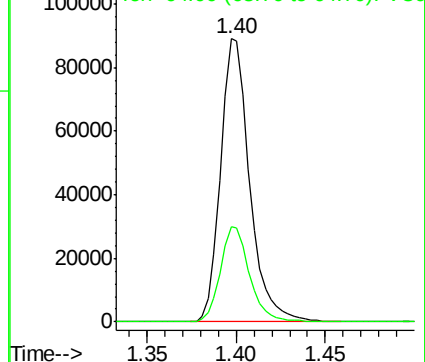
62 100

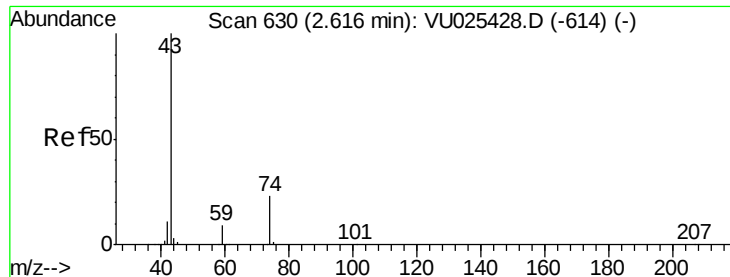
64 33.6 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#15

Methyl Acetate

Concen: 3.525 ug/L

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

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ClientSampleId :

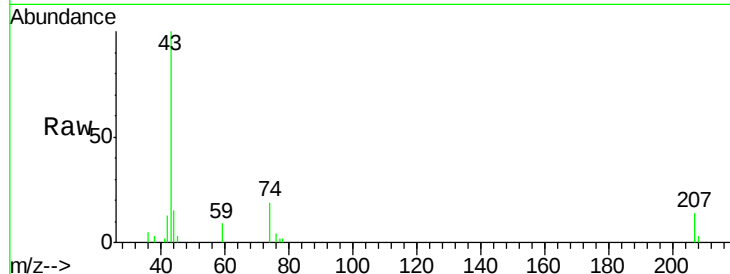
DB181DL

Tgt Ion: 43 Resp: 9755

Ion Ratio Lower Upper

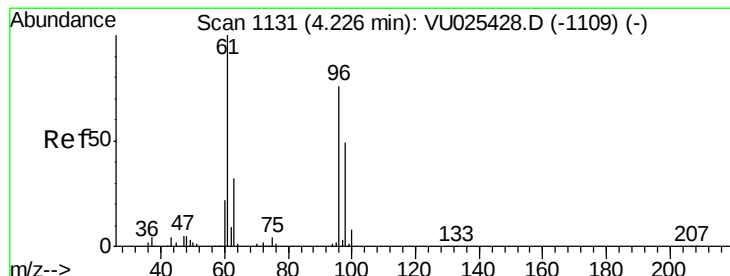
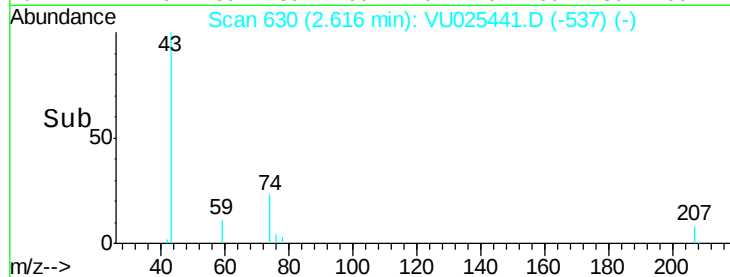
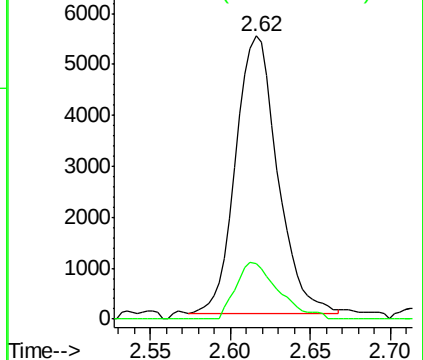
43 100

74 20.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 9.197 ug/L

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

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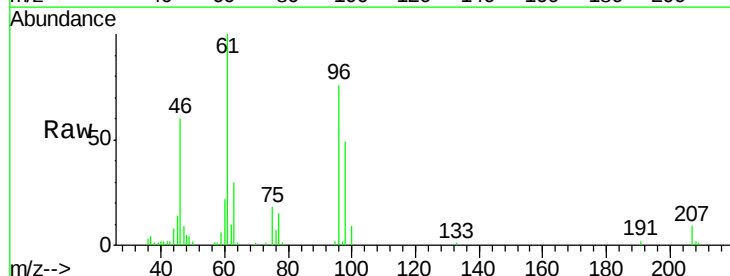
Tgt Ion: 96 Resp: 22969

Ion Ratio Lower Upper

96 100

61 132.3 92.0 170.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

