

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025440.D
 Acq On : 16 Jul 2018 21:46
 Operator : MD/SY
 Sample : J3984-05DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB178DL

Quant Time: Jul 17 03:57:14 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	331421	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69792	39.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.32%
7) Chloroethane-d5	1.67	69	65424	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.27	63	116072	30.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.28%
21) 2-Butanone-d5	4.18	46	170754	94.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.83%
24) Chloroform-d	4.65	84	182840	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	5.31	65	128892	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
32) Benzene-d6	5.35	84	344808	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
36) 1,2-Dichloropropane-d6	6.33	67	117378	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.62%
41) Toluene-d8	7.57	98	322698	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	50206	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.46%
47) 2-Hexanone-d5	8.31	63	128977	99.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172315	46.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	130379	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%

Target Compounds

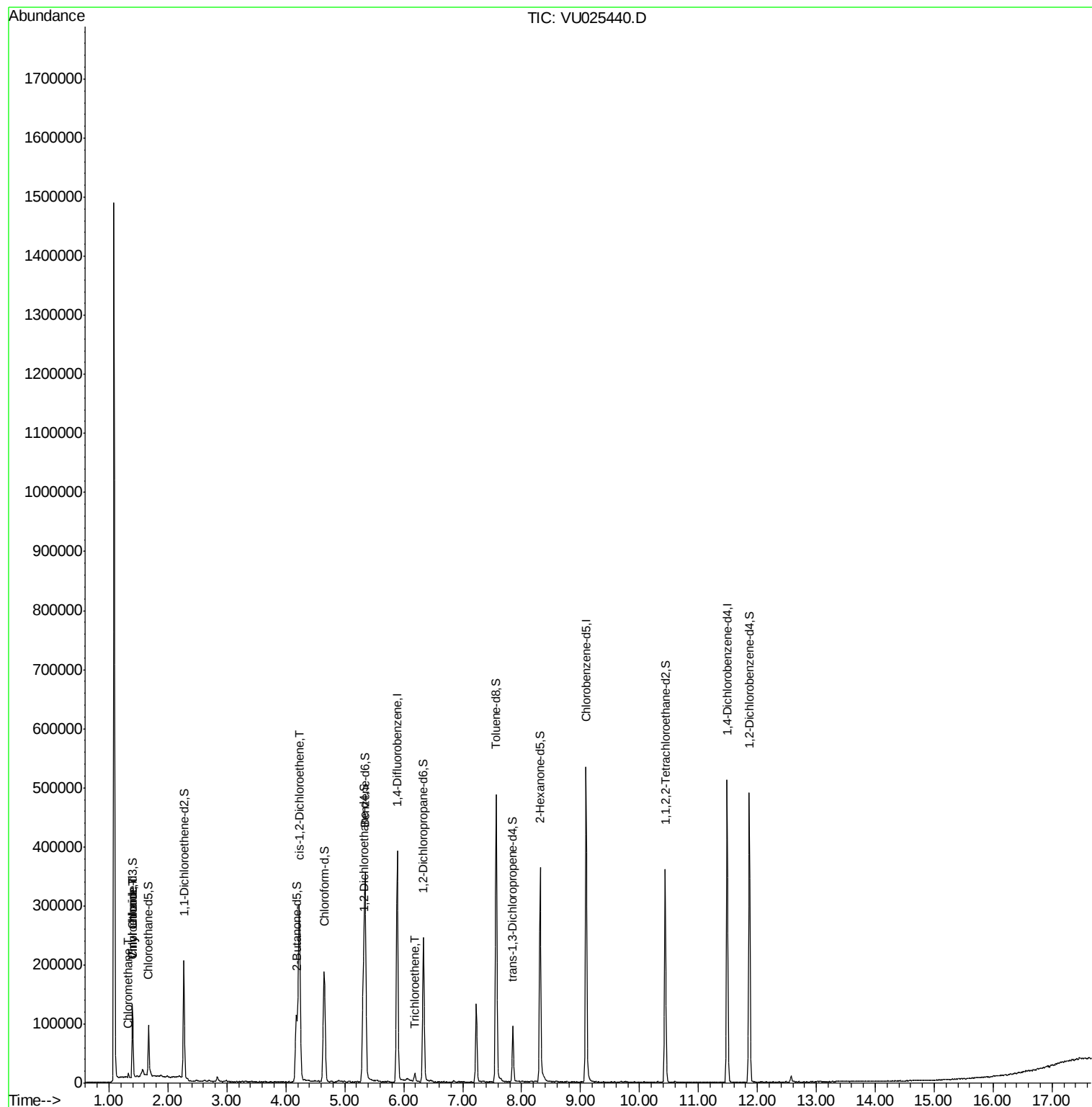
					Qvalue
3) Chloromethane	1.33	50	7231	2.330 ug/L	95
5) Vinyl chloride	1.40	62	14701	5.809 ug/L	90
8) Chloroethane	1.40	64	5481	3.686 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	162239	63.796 ug/L	100
34) Trichloroethene	6.19	95	4762	2.045 ug/L	87

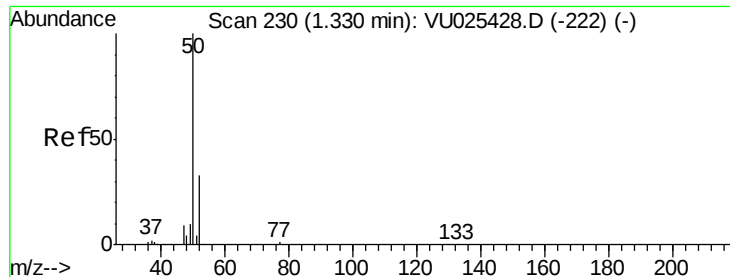
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.330 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025440.D

Acq: 16 Jul 2018 21:46

Instrument :

MSVOA_U

ClientSampleId :

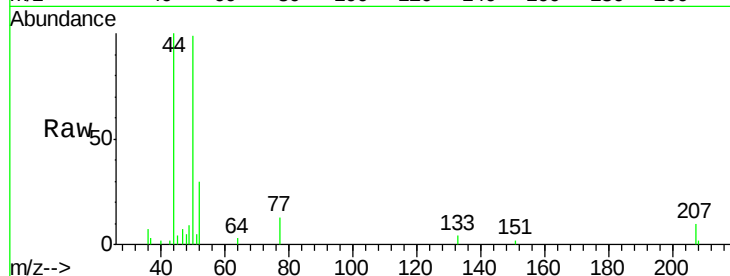
DB178DL

Tgt Ion: 50 Resp: 7231

Ion Ratio Lower Upper

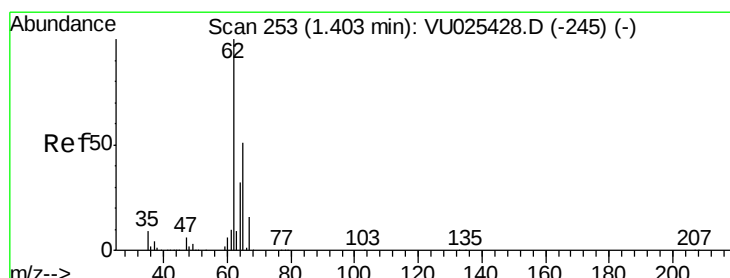
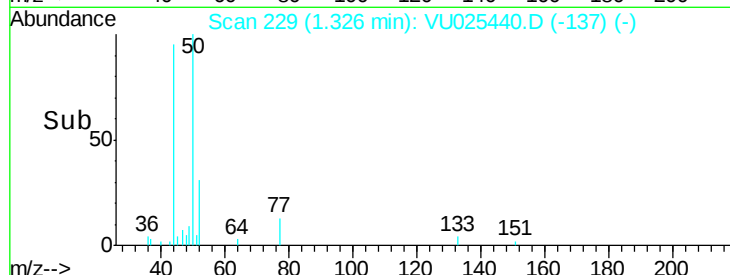
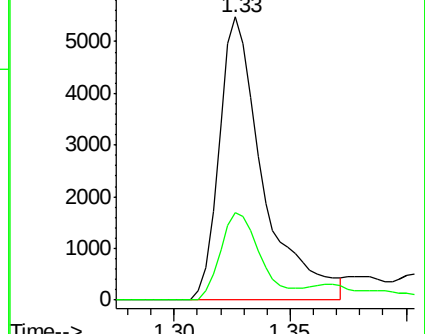
50 100

52 30.8 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: 5.809 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025440.D

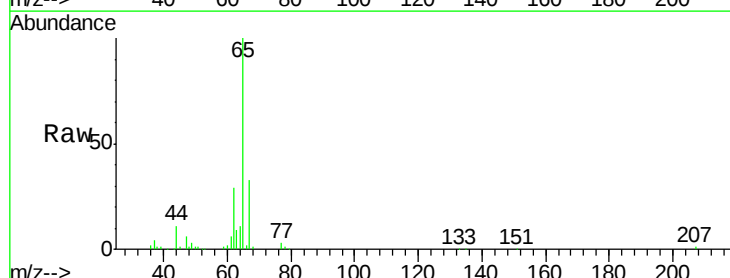
Acq: 16 Jul 2018 21:46

Tgt Ion: 62 Resp: 14701

Ion Ratio Lower Upper

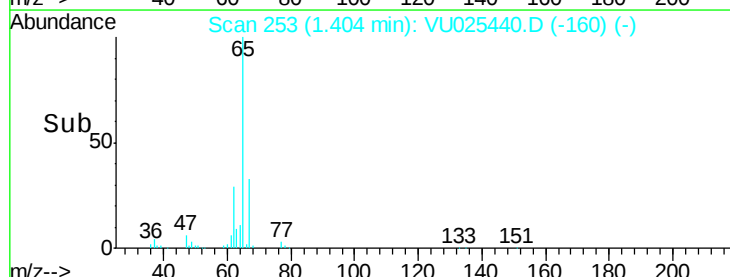
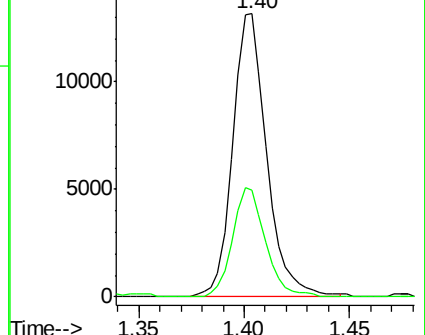
62 100

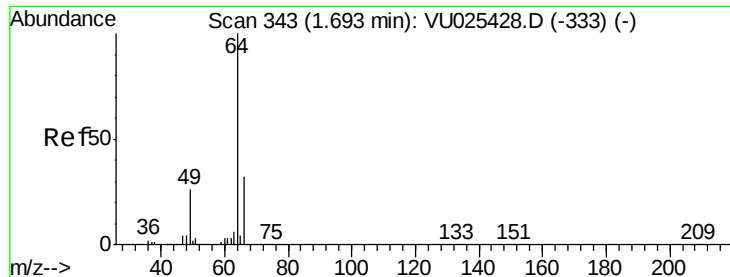
64 37.8 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

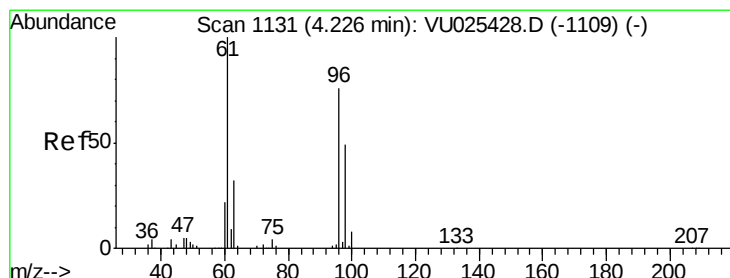
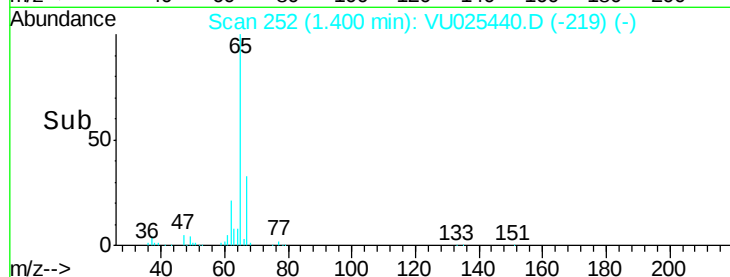
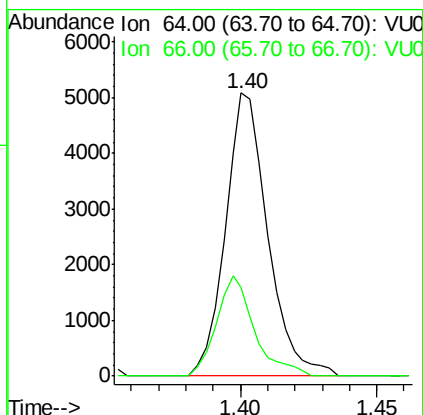
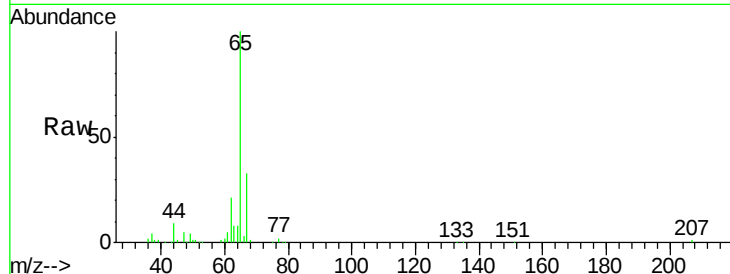




#8
Chloroethane
Concen: 3.686 ug/L
RT: 1.40 min Scan# 252
Delta R.T. -0.29 min
Lab File: VU025440.D
Acq: 16 Jul 2018 21:46

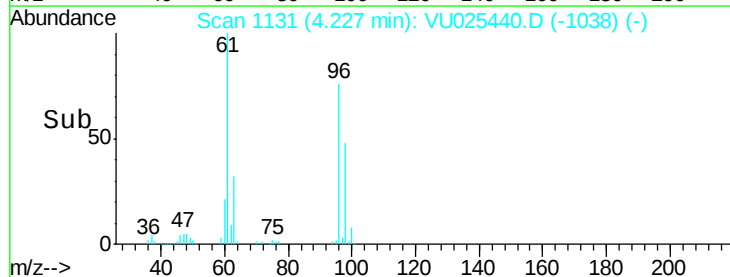
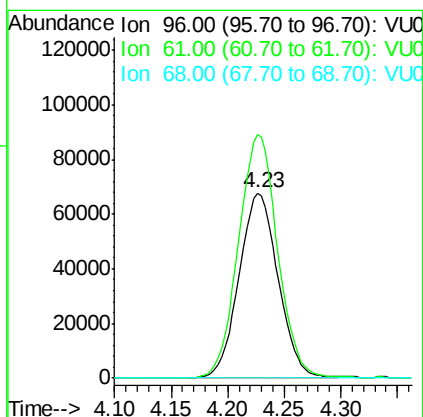
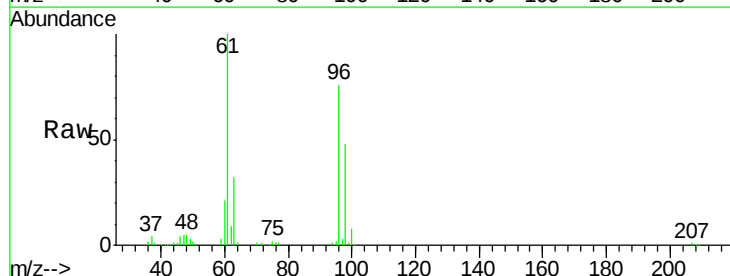
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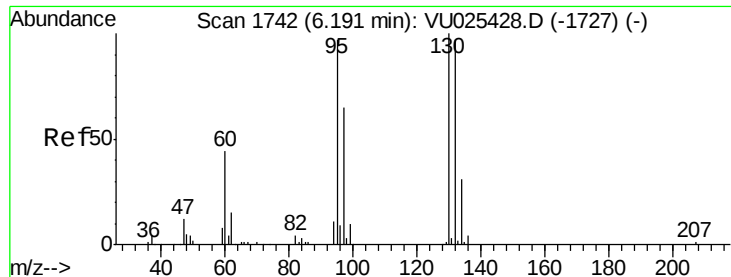
Tgt Ion: 64 Resp: 5481
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.0



#20
cis-1,2-Dichloroethene
Concen: 63.796 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VU025440.D
Acq: 16 Jul 2018 21:46

Tgt Ion: 96 Resp: 162239
Ion Ratio Lower Upper
96 100
61 131.4 92.0 170.9
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 2.045 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025440.D
 Acq: 16 Jul 2018 21:46

Instrument :
 MSVOA_U
 ClientSampleId :
 DB178DL

Tgt Ion:	95	Resp:	4762
Ion	Ratio	Lower	Upper
95	100		
97	49.9	44.3	82.3
132	88.4	69.6	129.2
130	117.1	72.4	134.5

