

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025442.D
 Acq On : 16 Jul 2018 22:35
 Operator : MD/SY
 Sample : J3984-08DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB182DL

Quant Time: Jul 17 03:57:24 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	317426	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149355	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68953	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.80%
7) Chloroethane-d5	1.64	69	44915	32.05	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.10%#
11) 1,1-Dichloroethene-d2	2.26	63	112402	30.47	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.94%
21) 2-Butanone-d5	4.18	46	171145	99.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	4.65	84	177084	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.31	65	125967	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.34	84	337126	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	112022	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.57	98	319702	42.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.32%
43) trans-1,3-Dichloropropene-	7.85	79	50324	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.40%
47) 2-Hexanone-d5	8.31	63	137268	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	185859	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.87	152	145029	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%

Target Compounds

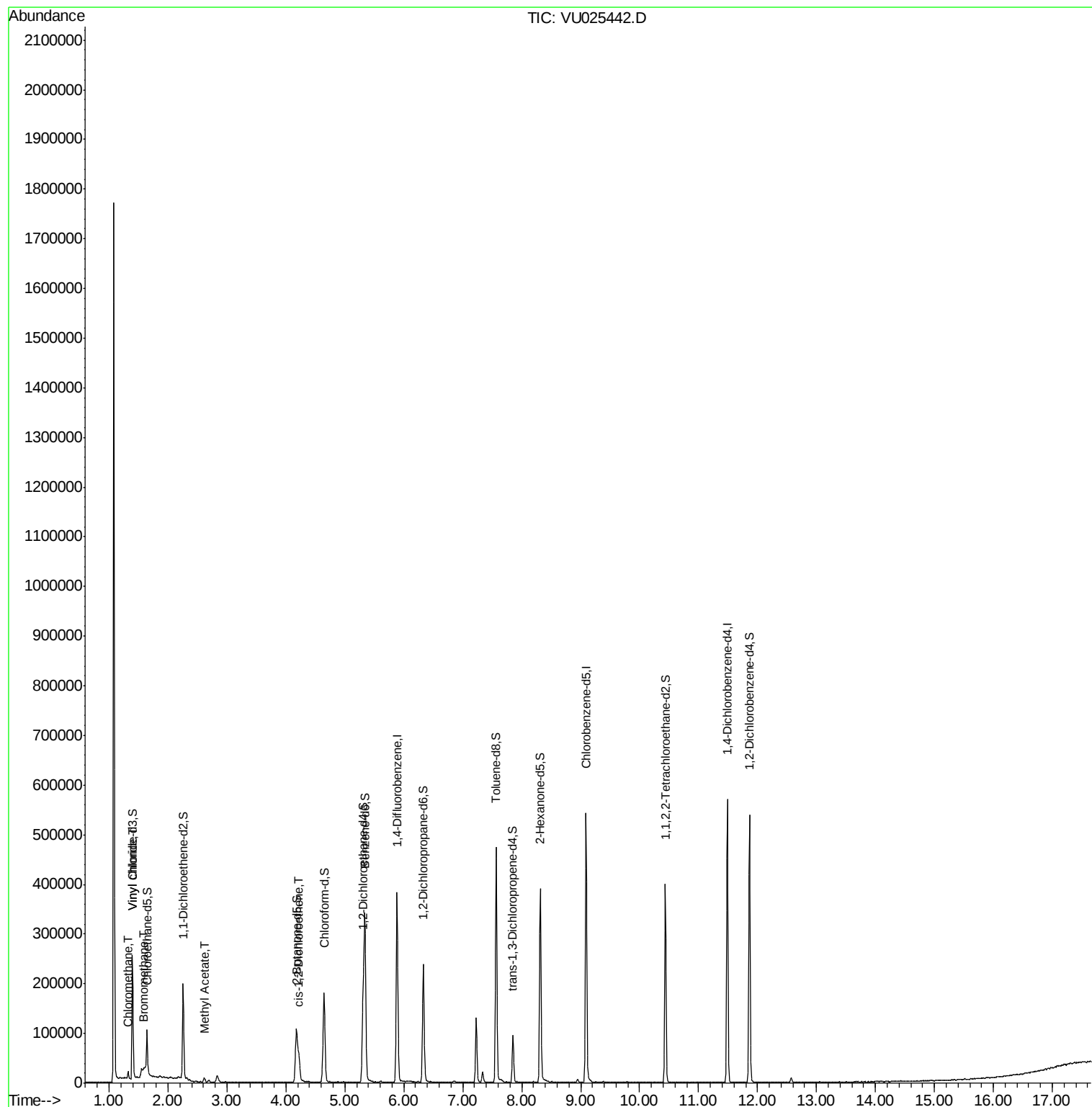
					Qvalue
3) Chloromethane	1.32	50	11490	3.866 ug/L	98
5) Vinyl chloride	1.40	62	109867	45.331 ug/L	98
6) Bromomethane	1.60	94	916	1.420 ug/L	79
15) Methyl Acetate	2.62	43	8757	3.245 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	23873	9.801 ug/L	99

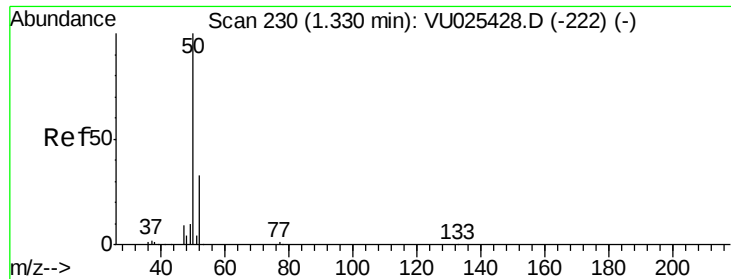
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.866 ug/L

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025442.D

Acq: 16 Jul 2018 22:35

Instrument :

MSVOA_U

ClientSampleId :

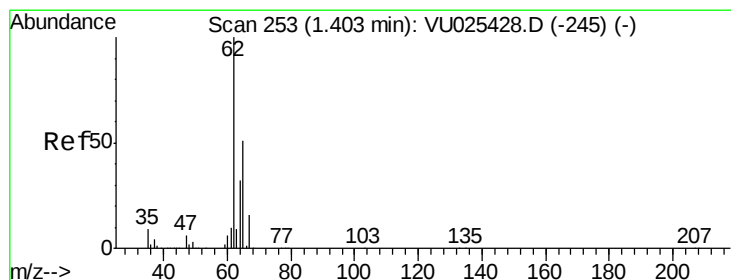
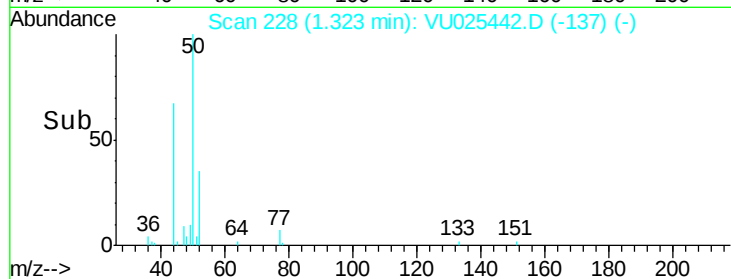
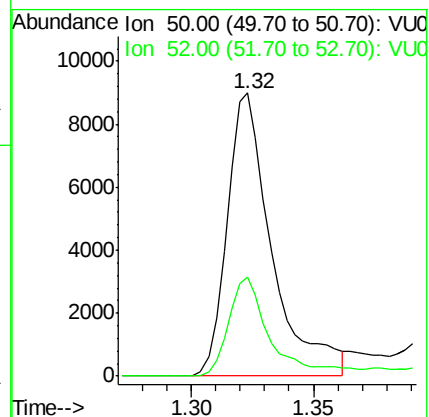
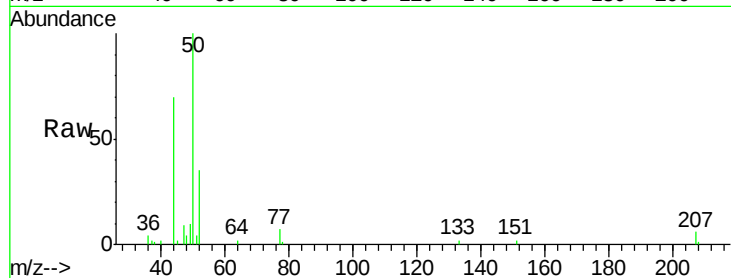
DB182DL

Tgt Ion: 50 Resp: 11490

Ion Ratio Lower Upper

50 100

52 34.8 23.5 43.7



#5

Vinyl chloride

Concen: 45.331 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025442.D

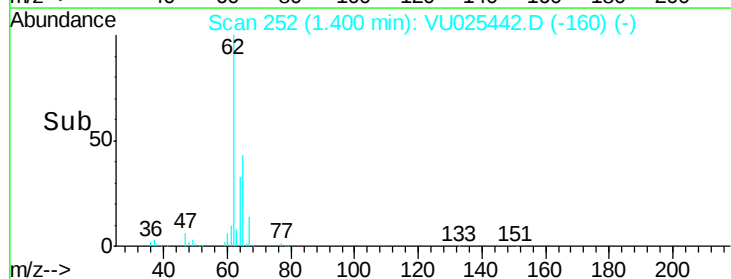
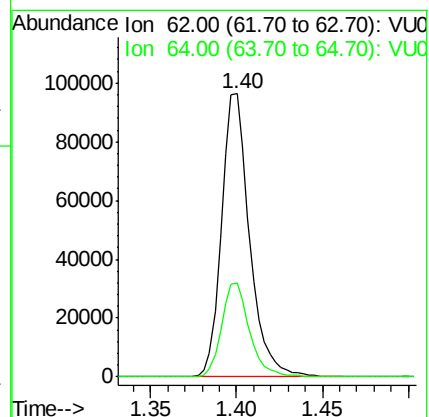
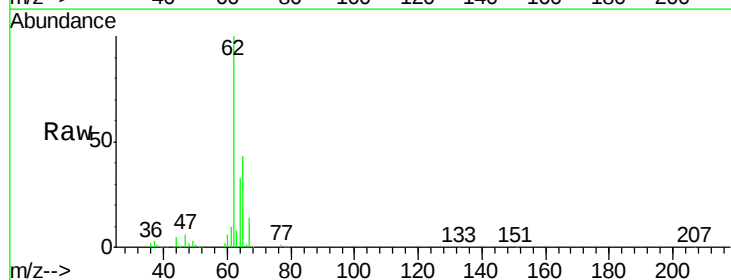
Acq: 16 Jul 2018 22:35

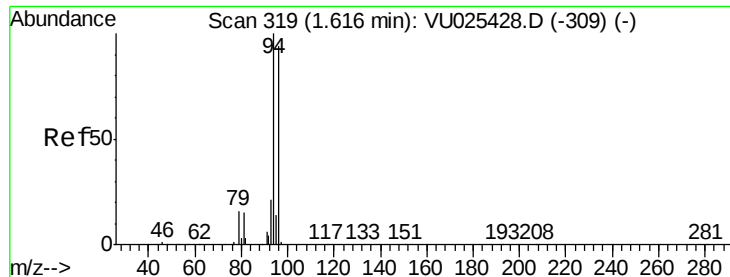
Tgt Ion: 62 Resp: 109867

Ion Ratio Lower Upper

62 100

64 33.2 22.6 42.0





#6

Bromomethane

Concen: 1.420 ug/L

RT: 1.60 min Scan# 314

Delta R.T. -0.02 min

Lab File: VU025442.D

Acq: 16 Jul 2018 22:35

Instrument :

MSVOA_U

ClientSampleId :

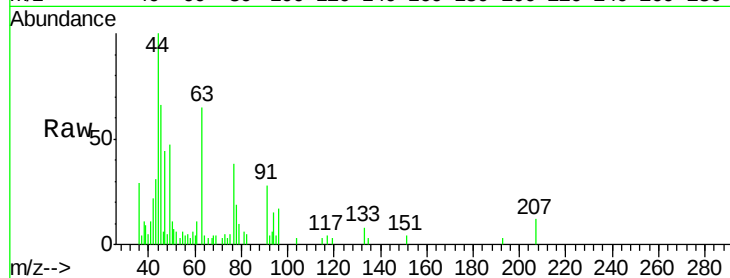
DB182DL

Tgt Ion: 94 Resp: 916

Ion Ratio Lower Upper

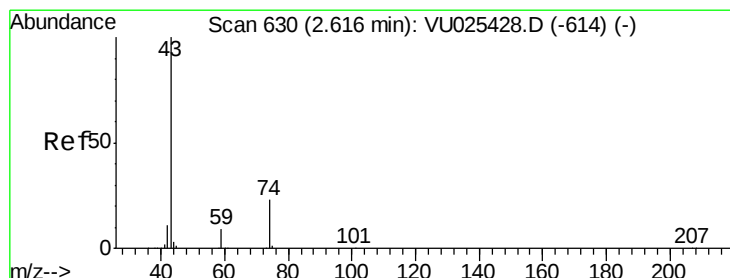
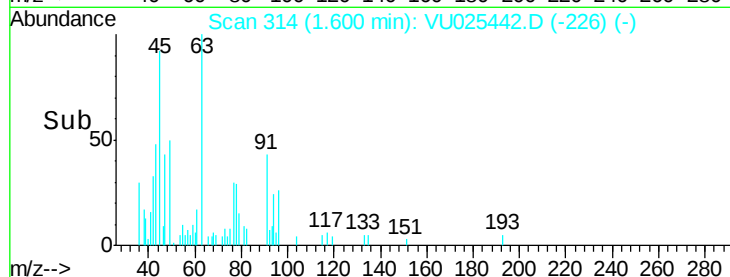
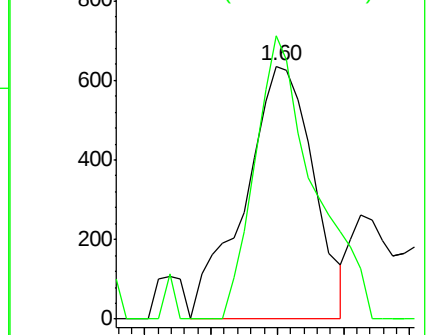
94 100

96 111.8 64.2 119.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#15

Methyl Acetate

Concen: 3.245 ug/L

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025442.D

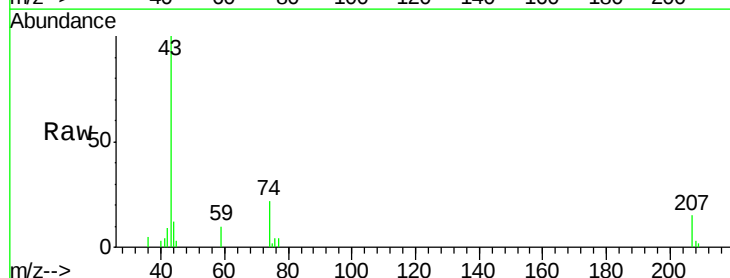
Acq: 16 Jul 2018 22:35

Tgt Ion: 43 Resp: 8757

Ion Ratio Lower Upper

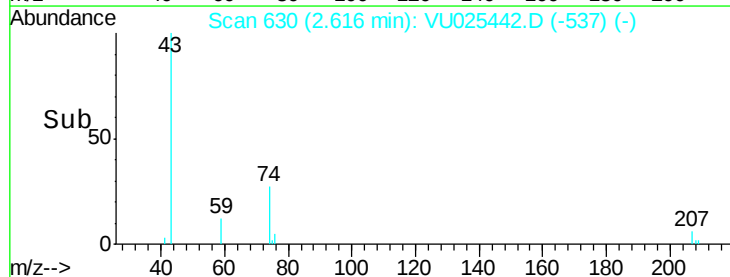
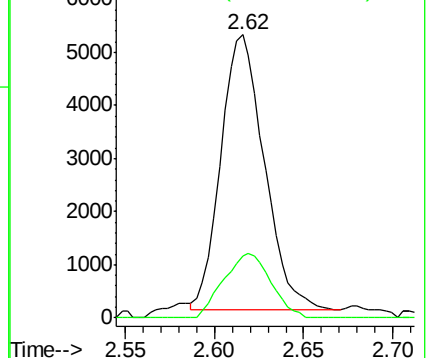
43 100

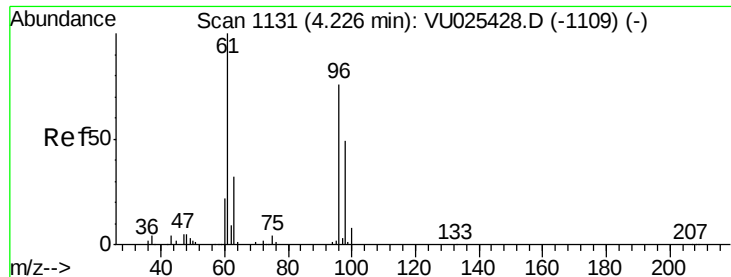
74 25.5 18.8 28.2



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: 9.801 ug/L
 RT: 4.22 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: VU025442.D
 Acq: 16 Jul 2018 22:35

Instrument :
 MSVOA_U
 ClientSampleId :
 DB182DL

Tgt Ion: 96 Resp: 23873

Ion	Ratio	Lower	Upper
96	100		
61	130.3	92.0	170.9
68	0.0	0.0	0.0

