

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025552.D
 Acq On : 20 Jul 2018 19:16
 Operator : MD/SY
 Sample : J4097-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:54:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84535	50.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.90%
7) Chloroethane-d5	1.68	69	70049	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.36%
11) 1,1-Dichloroethene-d2	2.27	63	138295	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
21) 2-Butanone-d5	4.18	46	154686	119.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.57%
24) Chloroform-d	4.65	84	193698	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.31	65	134061	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
32) Benzene-d6	5.35	84	377647	54.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.68%
36) 1,2-Dichloropropane-d6	6.34	67	121039	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.10%
41) Toluene-d8	7.57	98	351335	53.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	7.85	79	59244	52.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.54%
47) 2-Hexanone-d5	8.31	63	112966	121.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168234	54.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	140789	56.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.84%

Target Compounds

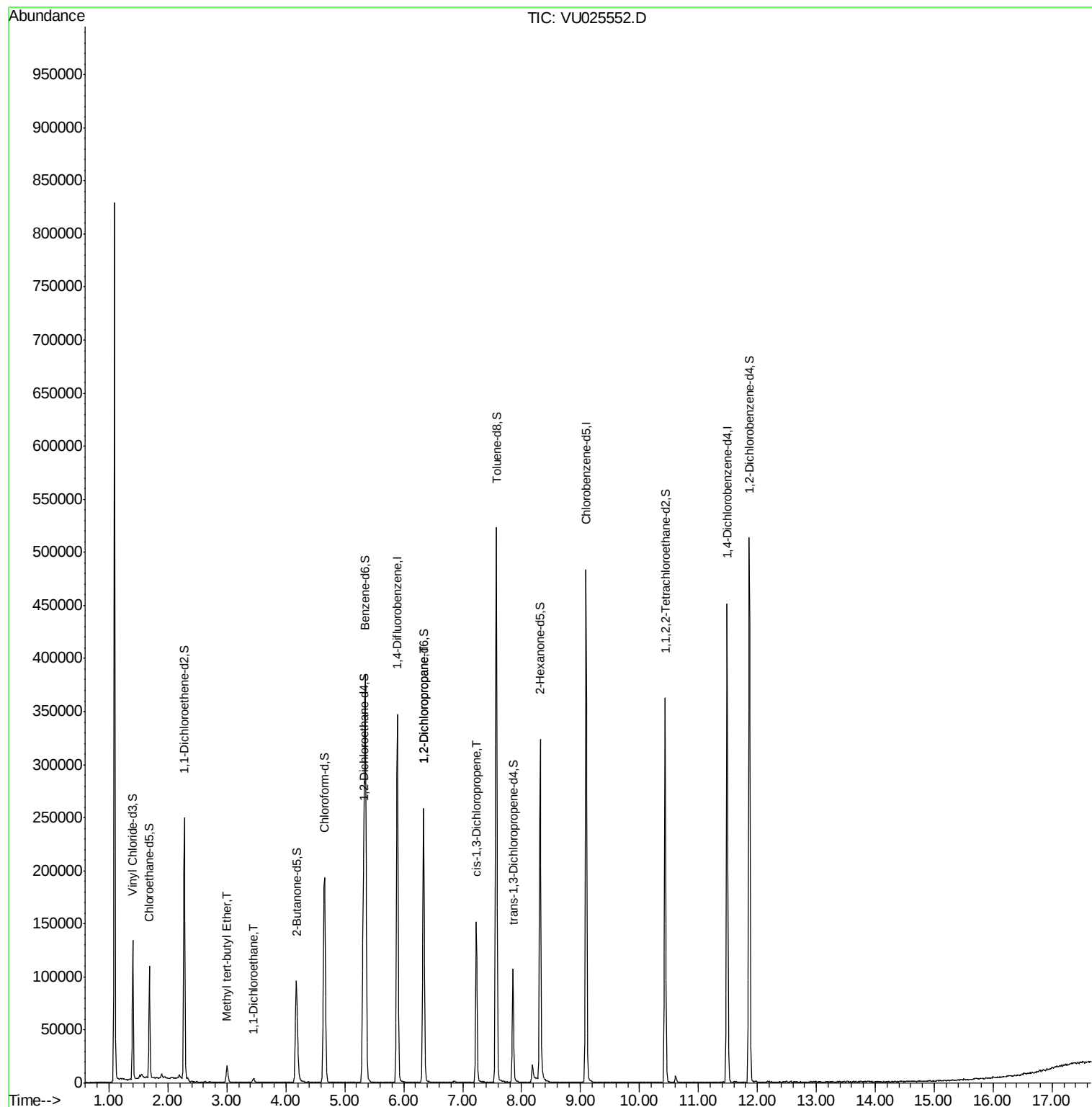
					Ovalue
18) Methyl tert-butyl Ether	3.00	73	15456	2.488 ug/L	94
19) 1,1-Dichloroethane	3.45	63	4786	1.319 ug/L #	83
37) 1,2-Dichloropropane	6.33	63	14085	6.681 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3962	1.211 ug/L #	65

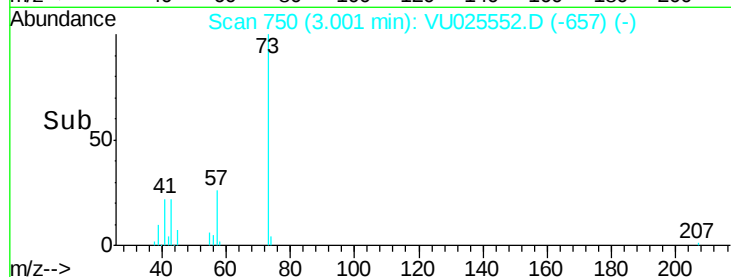
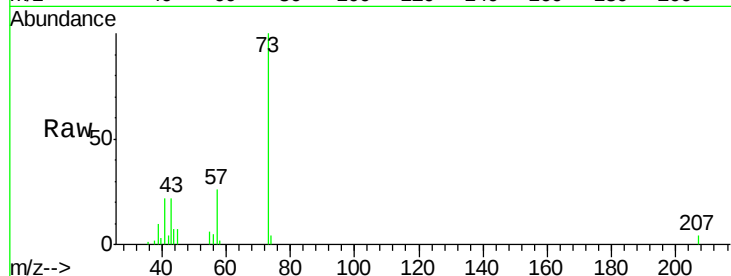
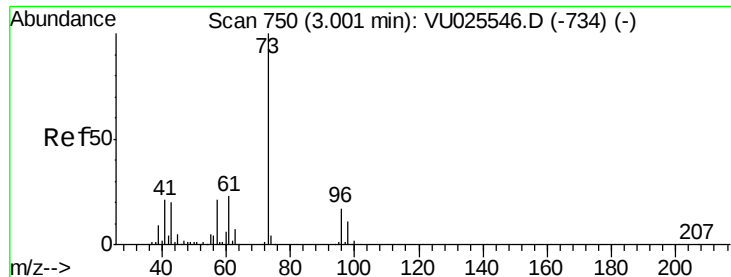
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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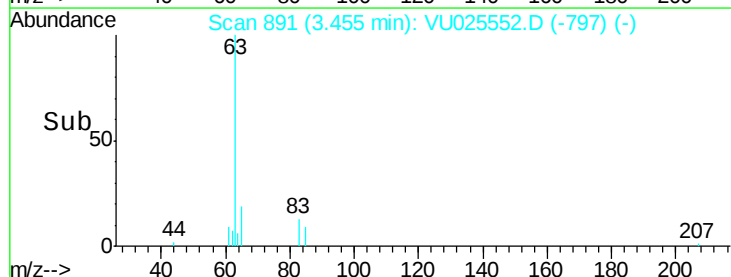
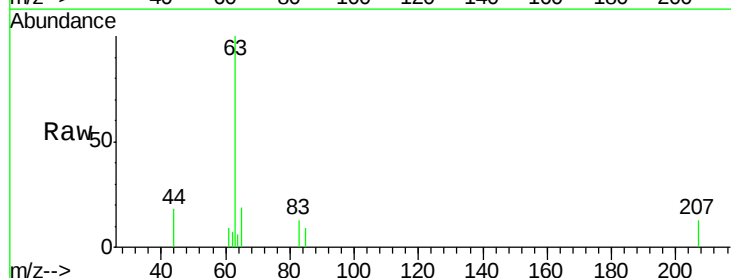
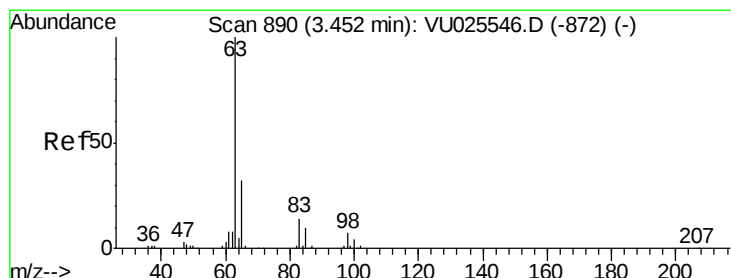
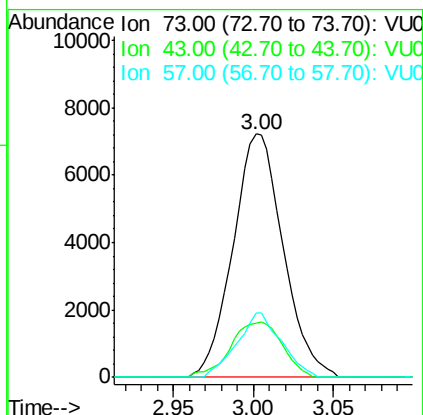
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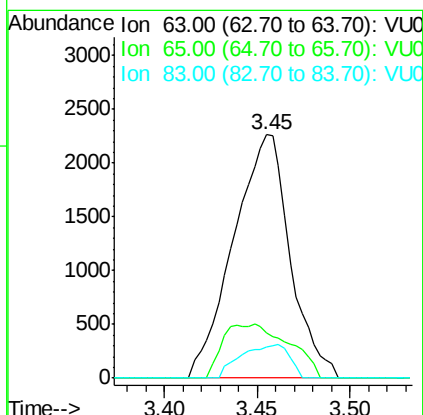
#18
Methvl tert-butvl Ether
Concen: 2.488 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025552.D
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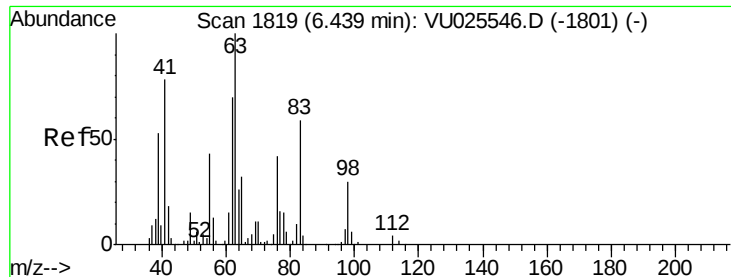
Tot Ion	73	Resp	15456
Ion Ratio	100	Lower	Upper
43	23.5	16.2	24.2
57	23.3	17.1	25.7



#19
1,1-Dichloroethane
Concen: 1.319 ug/L
RT: 3.45 min Scan# 891
Delta R.T. 0.00 min
Lab File: VU025552.D
Acq: 20 Jul 2018 19:16

Tgt Ion	63	Resp	4786
Ion Ratio	100	Lower	Upper
65	18.5	22.0	41.0#
83	12.8	9.6	17.8





#37

1,2-Dichloropropane

Concen: 6.681 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.11 min

Lab File: VU025552.D

Acq: 20 Jul 2018 19:16

Instrument :

MSVOA_U

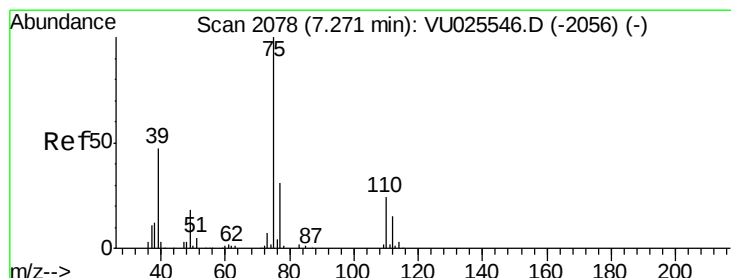
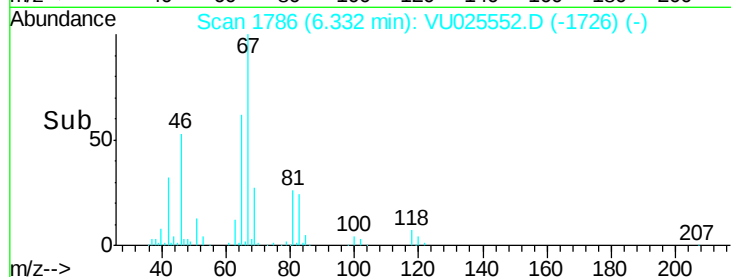
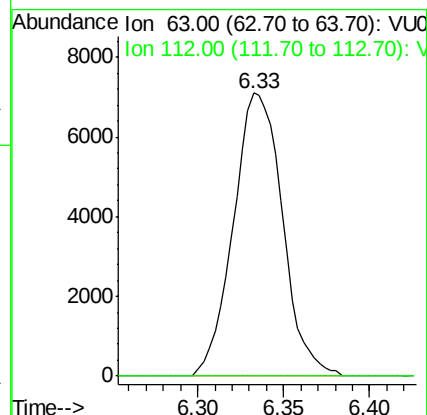
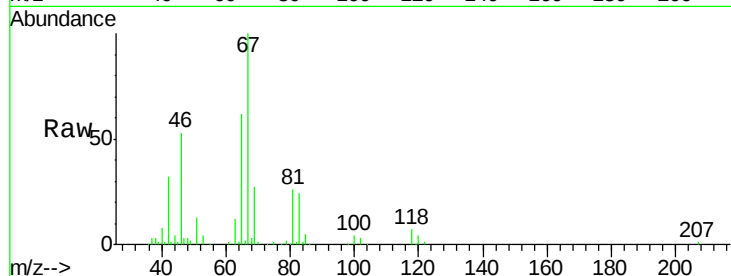
ClientSampleId :

Tot Ion: 63 Resp: 14085

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 1.211 ug/L

RT: 7.23 min Scan# 2066

Delta R.T. -0.04 min

Lab File: VU025552.D

Acq: 20 Jul 2018 19:16

Tgt Ion: 75 Resp: 3962

Ion Ratio Lower Upper

75 100

77 51.0 22.0 41.0#

