

Data File : VU026144.D
Acq On : 15 Aug 2018 14:18
Operator : MD/SY
Sample : J4422-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB5

Quant Time: Aug 16 02:22:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:19:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	298315	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274982	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	116954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82893	47.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.64%
7) Chloroethane-d5	1.68	69	69200	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.12%
11) 1,1-Dichloroethene-d2	2.27	63	131910	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
21) 2-Butanone-d5	4.18	46	140652	104.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.65%
24) Chloroform-d	4.65	84	186572	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.31	65	127248	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
32) Benzene-d6	5.35	84	367719	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.33	67	120651	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.52%
41) Toluene-d8	7.57	98	331703	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.85	79	53678	48.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.28%
47) 2-Hexanone-d5	8.31	63	102410	107.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162795	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	127513	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

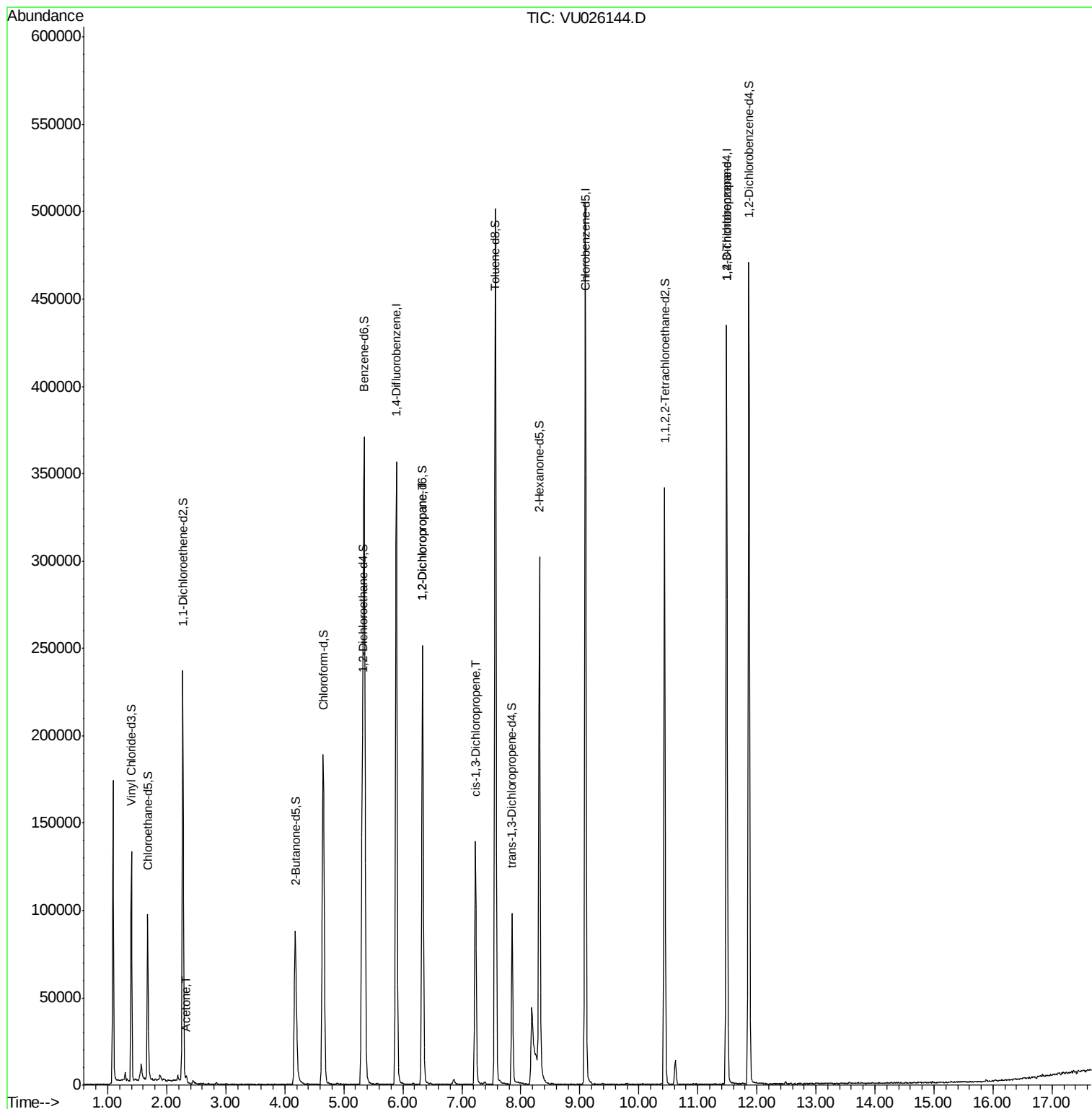
					Qvalue
13) Acetone	2.32	43	2101	1.708 ug/L	82
37) 1,2-Dichloropropane	6.33	63	13611	6.545 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3867	1.253 ug/L #	80
59) 1,2,3-Trichloropropane	11.49	75	13154	5.135 ug/L #	82

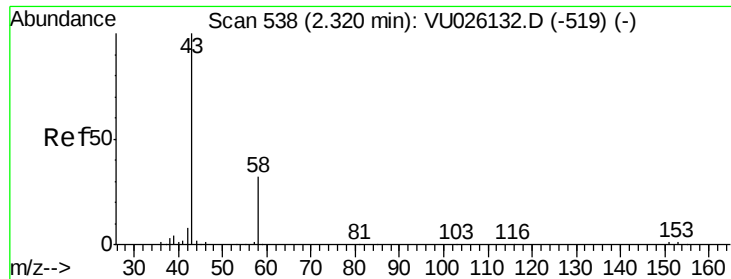
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.708 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

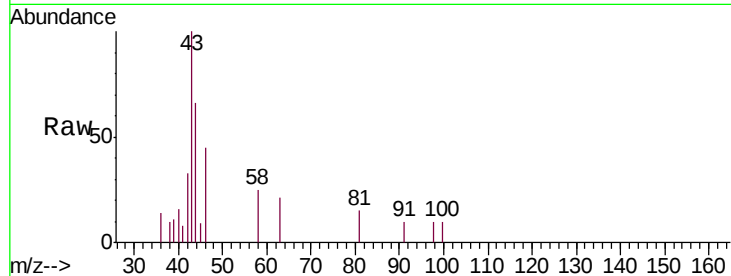
C0AB5

Tgt Ion: 43 Resp: 2101

Ion Ratio Lower Upper

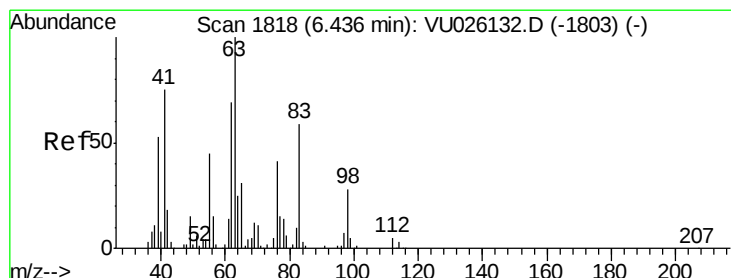
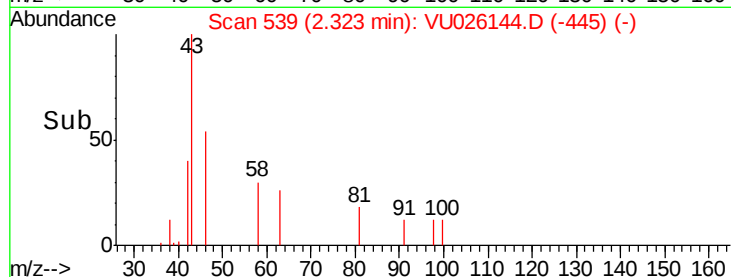
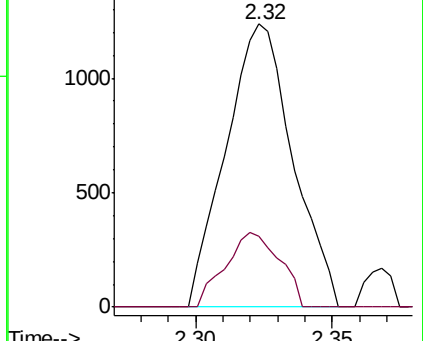
43 100

58 21.6 0.0 62.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 6.545 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

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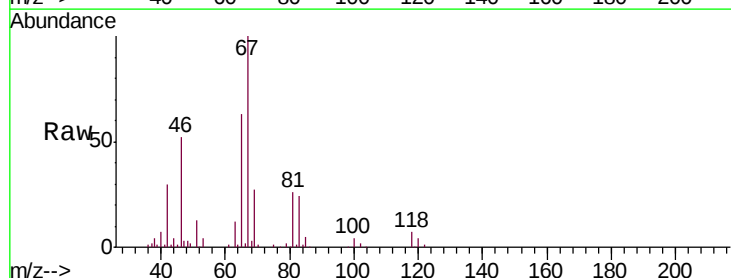
Acq: 15 Aug 2018 14:18

Tgt Ion: 63 Resp: 13611

Ion Ratio Lower Upper

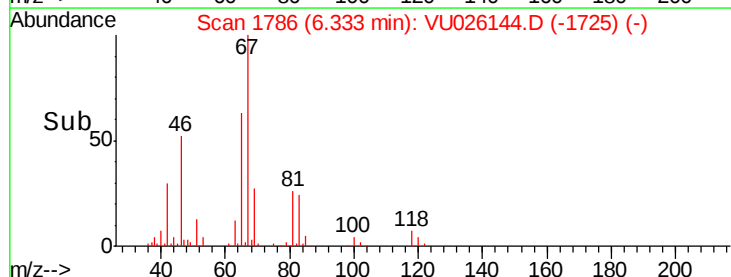
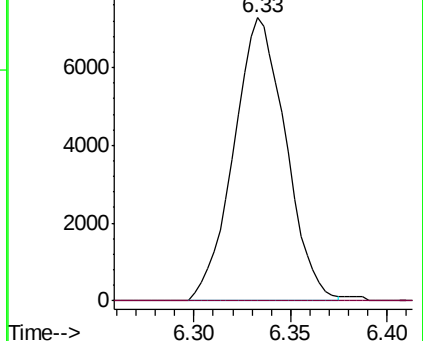
63 100

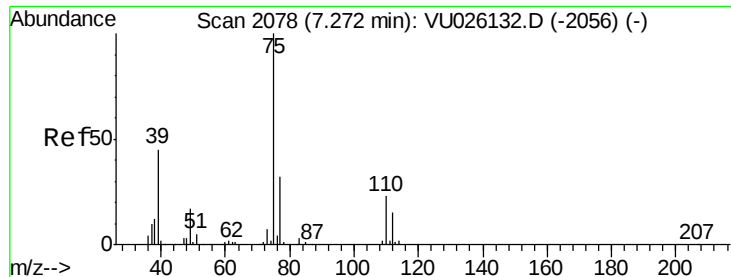
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.253 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

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MSVOA_U

ClientSampleId :

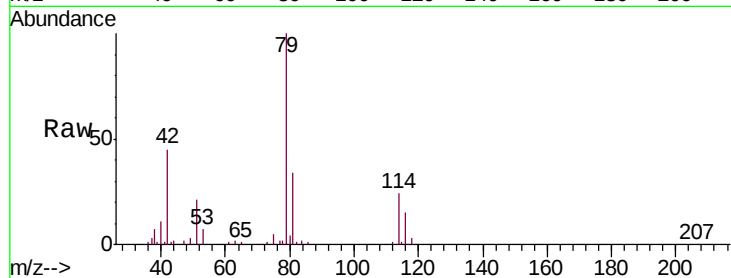
C0AB5

Tgt Ion: 75 Resp: 3867

Ion Ratio Lower Upper

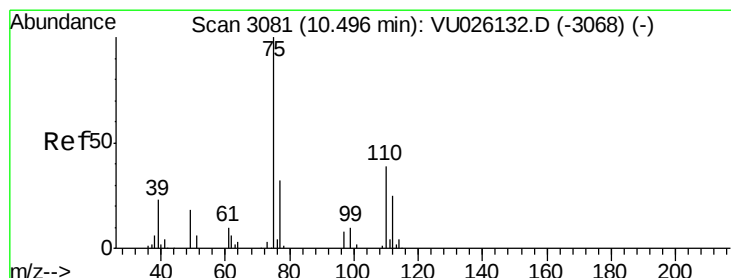
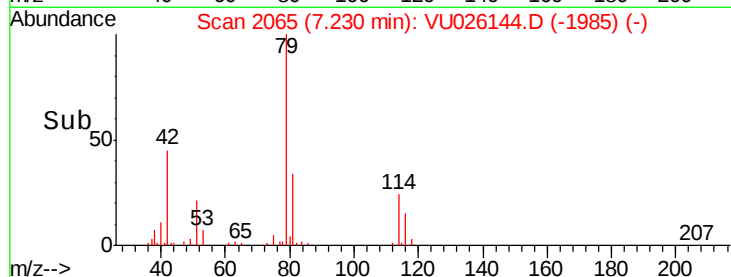
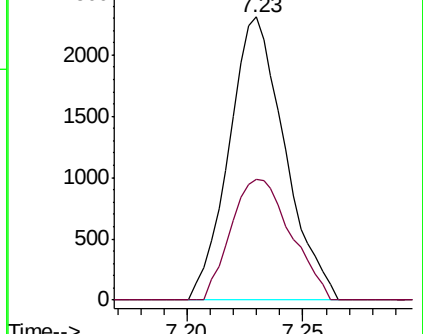
75 100

77 42.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.135 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

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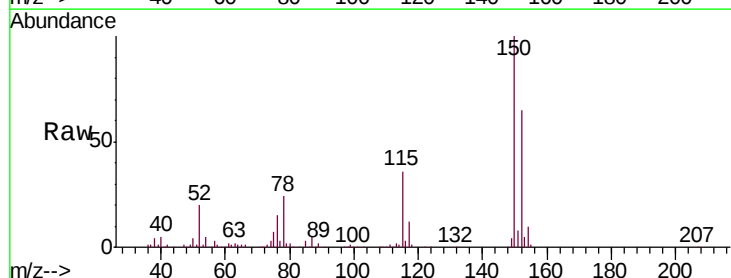
Acq: 15 Aug 2018 14:18

Tgt Ion: 75 Resp: 13154

Ion Ratio Lower Upper

75 100

77 42.6 26.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

