

Data File : VU032932.D
Acq On : 21 Jun 2019 10:06
Operator : JC/SP
Sample : K3413-27
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 21 23:27:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 23:24:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	84400	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	85427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42885	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20170	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	18755	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.27	63	34054	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.19	46	89371	58.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.72%
24) Chloroform-d	4.64	84	51351	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.31	65	30806	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.33	84	92217	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.32	67	30892	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.56	98	79521	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.85	79	12550	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.31	63	59196	42.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28391	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	35435	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

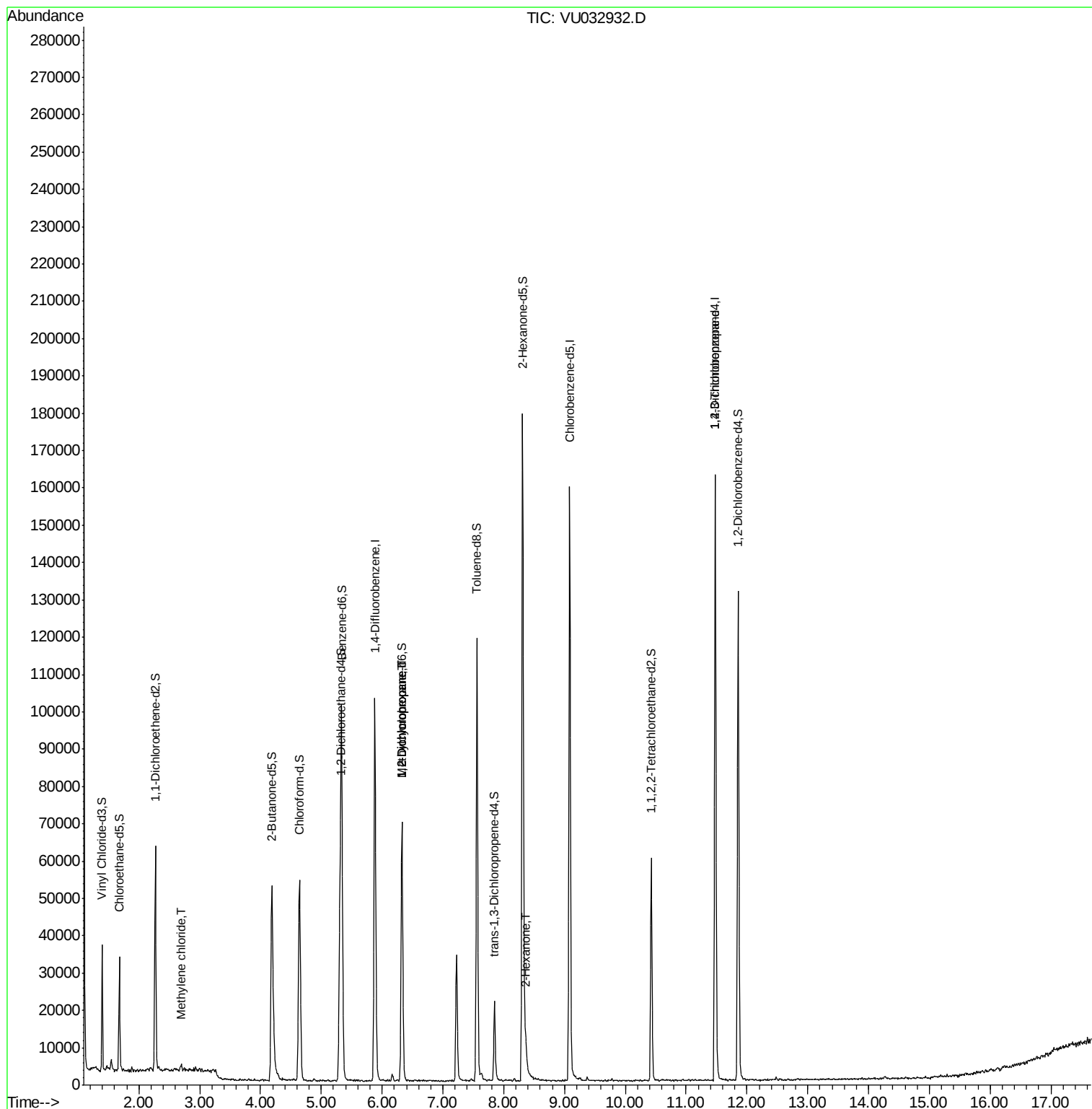
					Qvalue
16) Methylene chloride	2.70	84	667	0.112 ug/L	97
35) Methylcyclohexane	6.32	83	7514	0.645 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	3956	0.607 ug/L #	89
48) 2-Hexanone	8.37	43	3922	1.183 ug/L #	96
59) 1,2,3-Trichloropropane	11.48	75	5931	1.386 ug/L	98

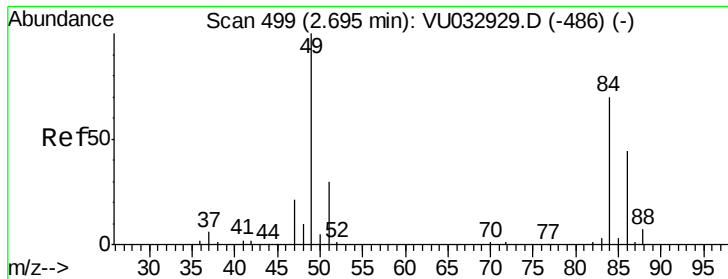
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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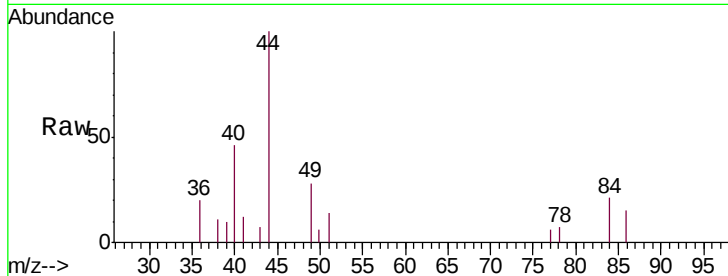




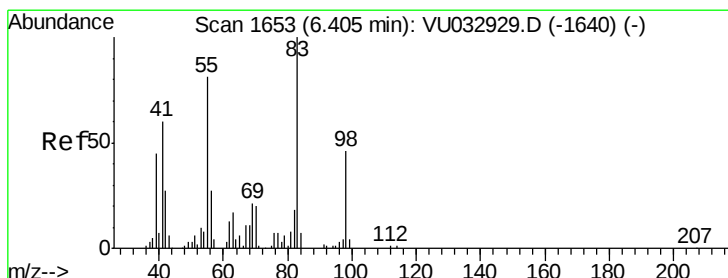
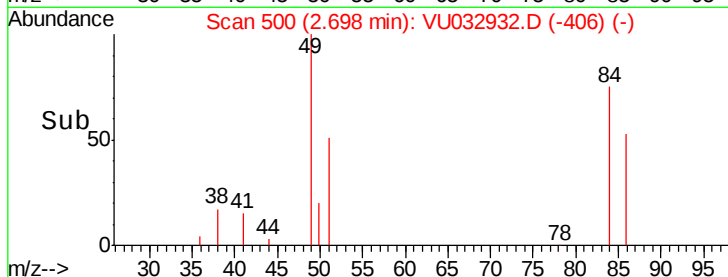
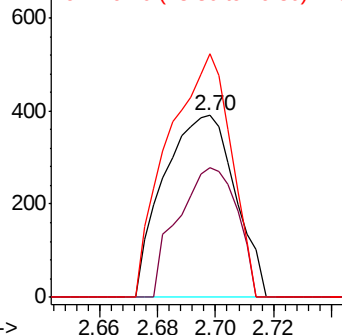
#16
Methylene chloride
Concen: 0.112 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
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MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 667
Ion Ratio Lower Upper
84 100
86 71.4 47.2 87.6
49 133.8 95.9 178.1

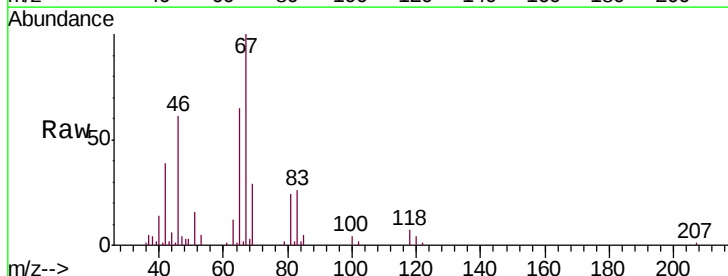


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

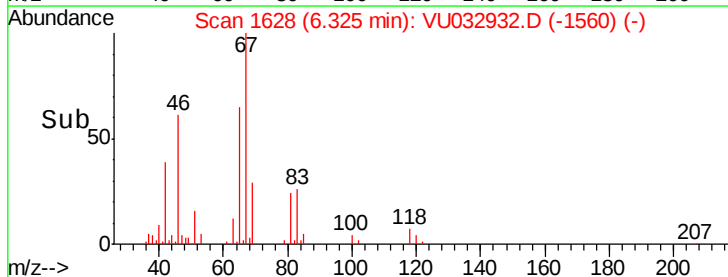
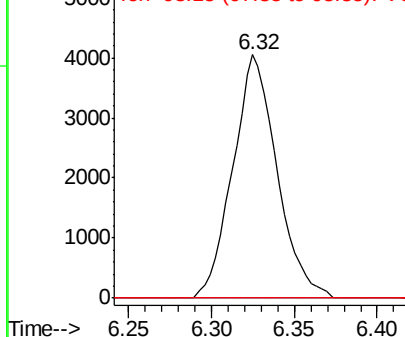


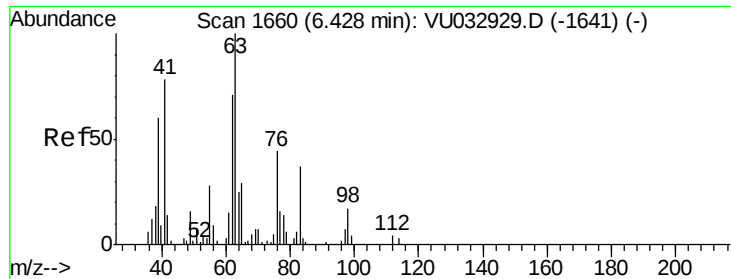
#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032932.D
Acq: 21 Jun 2019 10:06

Tgt Ion: 83 Resp: 7514
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 3.2 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

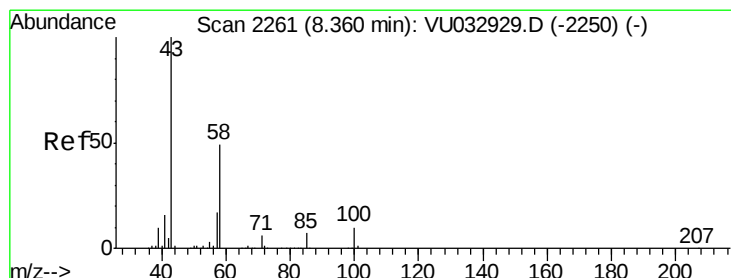
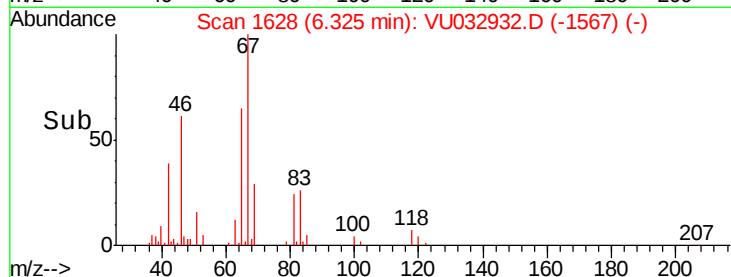
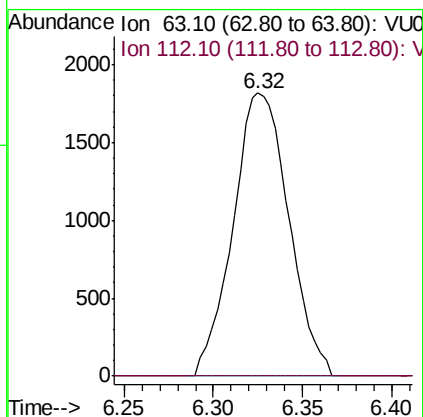
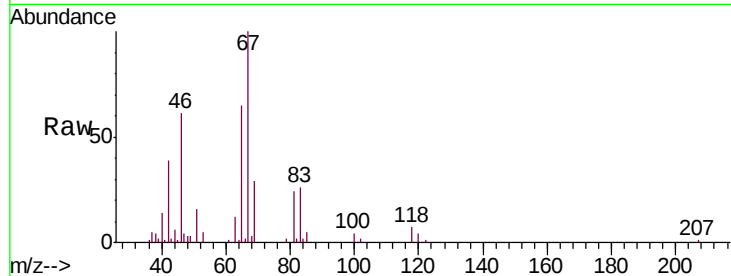




#37
 1,2-Dichloropropane
 Concen: 0.607 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032932.D
 Acq: 21 Jun 2019 10:06

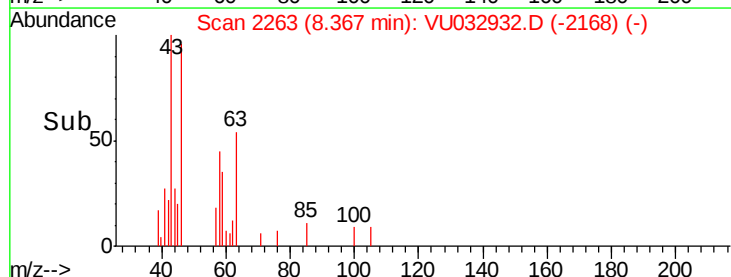
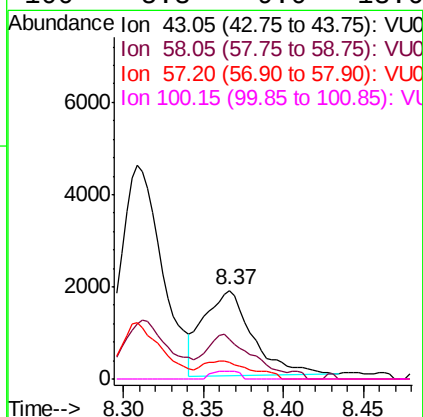
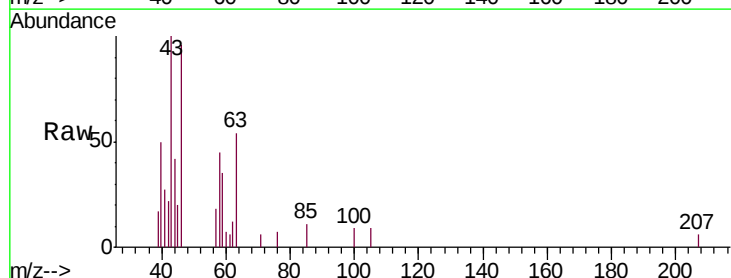
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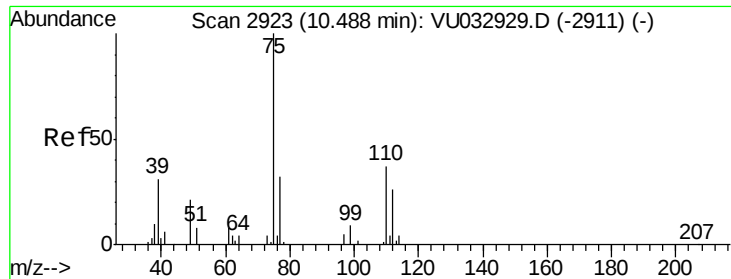
Tgt Ion: 63 Resp: 3956
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 1.183 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032932.D
 Acq: 21 Jun 2019 10:06

Tgt Ion: 43 Resp: 3922
 Ion Ratio Lower Upper
 43 100
 58 50.9 41.9 62.9
 57 20.9 15.1 22.7
 100 5.3 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.386 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032932.D

Acq: 21 Jun 2019 10:06

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 5931

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

