

Data File : VU032454.D
Acq On : 05 Jun 2019 11:47
Operator : JC/SP
Sample : K3081-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 06 01:08:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 01:05:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105550	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29587	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.68	69	25145	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.27	63	43043	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.20	46	89029	46.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.96%
24) Chloroform-d	4.64	84	53519	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.31	65	29209	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.33	84	109515	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.32	67	33669	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.56	98	97402	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	12895	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.31	63	66783	42.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26724	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	41217	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

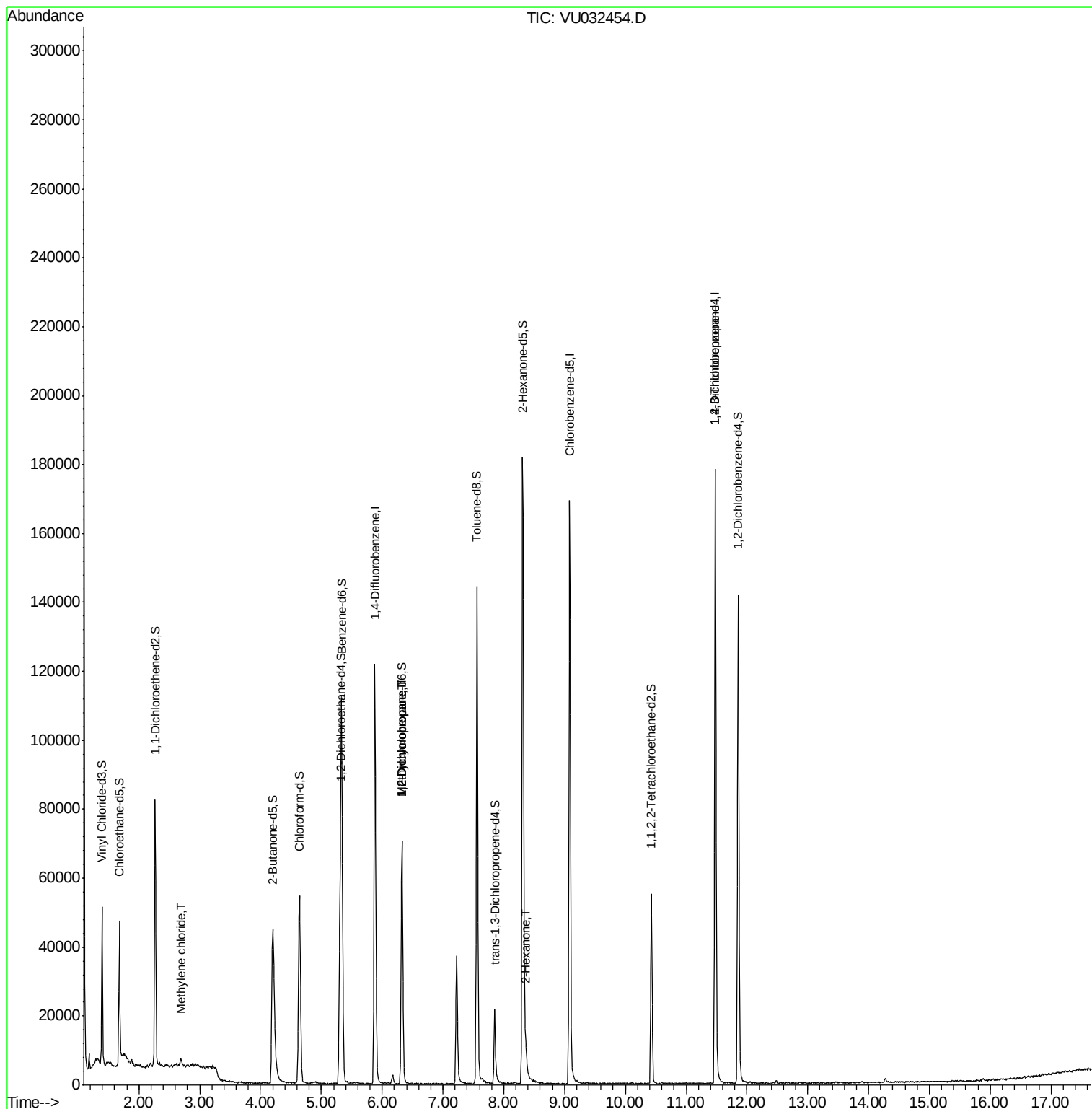
					Qvalue
16) Methylene chloride	2.69	84	967	0.130 ug/L	94
35) Methylcyclohexane	6.33	83	7634	0.580 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	3863	0.525 ug/L #	89
48) 2-Hexanone	8.36	43	4120	1.100 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	5805	1.201 ug/L	98

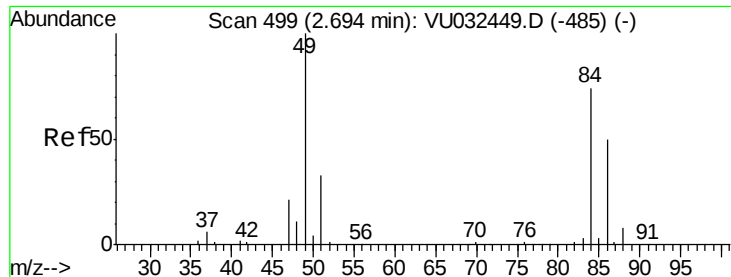
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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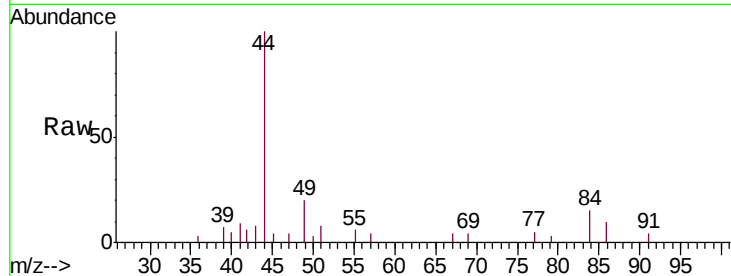




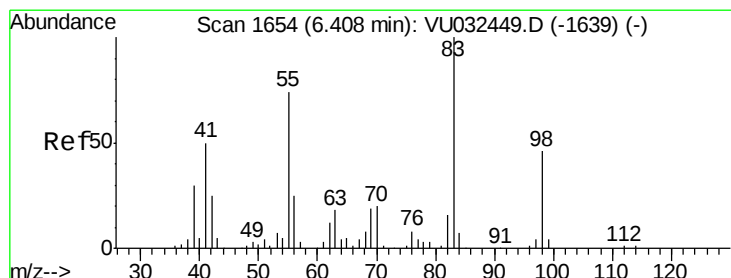
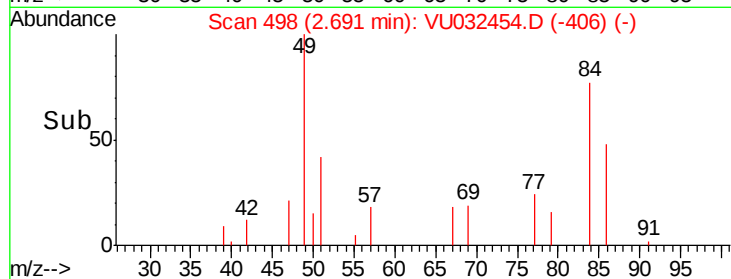
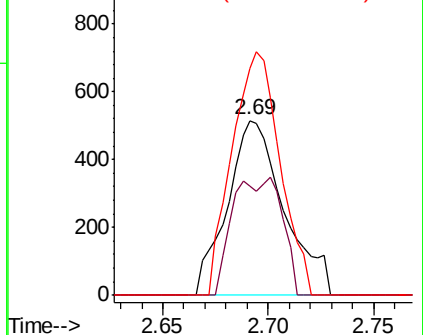
#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
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MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 967
Ion Ratio Lower Upper
84 100
86 62.4 47.2 87.6
49 129.8 95.9 178.1

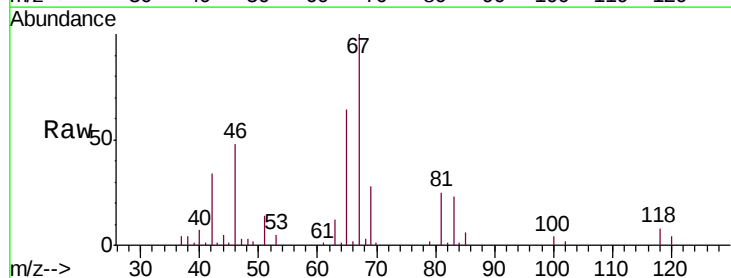


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

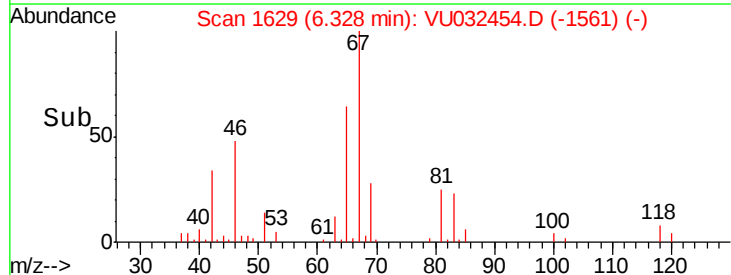
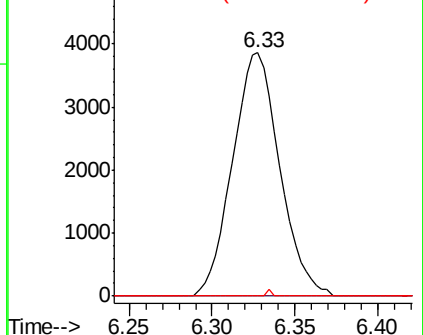


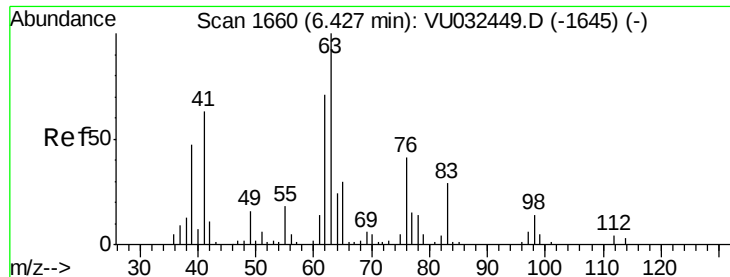
#35
Methylcyclohexane
Concen: 0.580 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032454.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 83 Resp: 7634
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.3 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

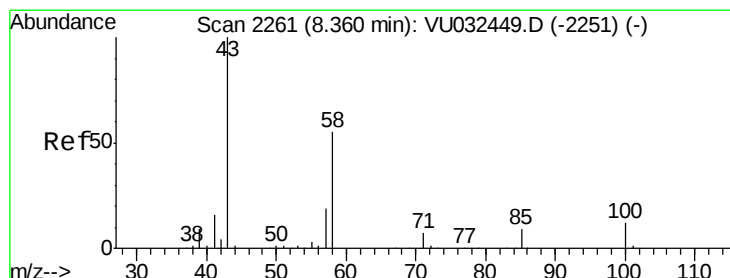
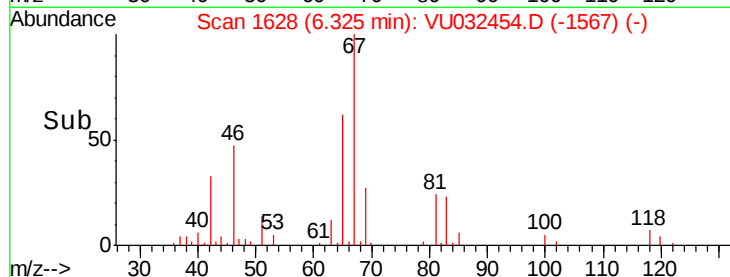
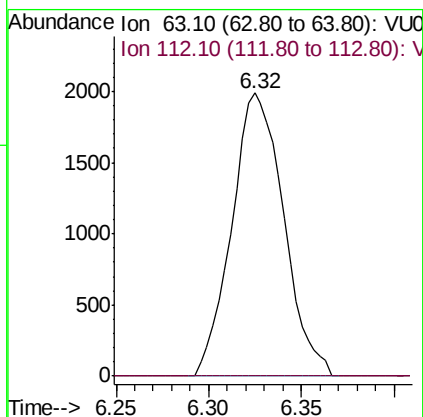
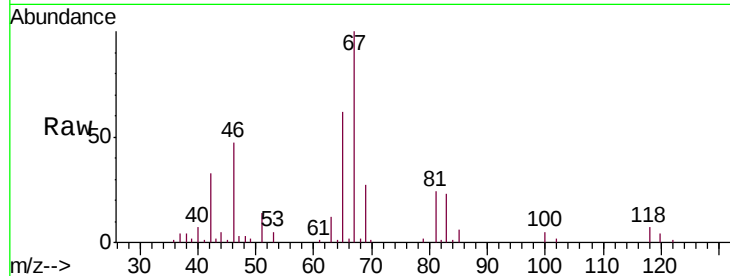




#37
 1,2-Dichloropropane
 Concen: 0.525 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032454.D
 Acq: 05 Jun 2019 11:47

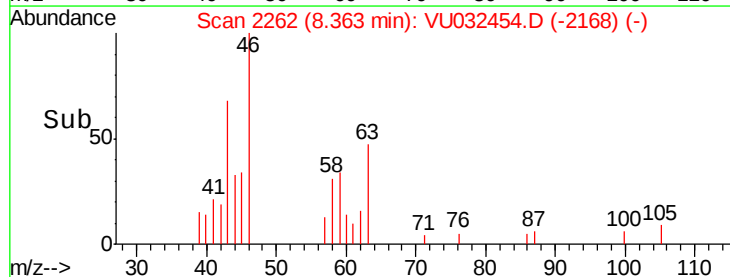
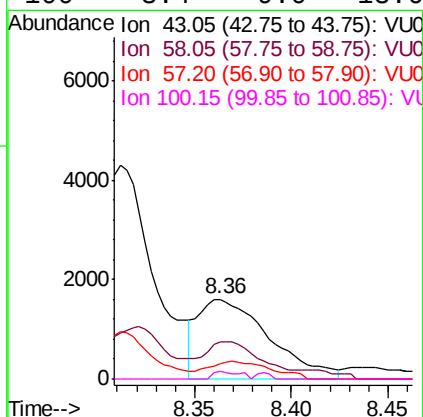
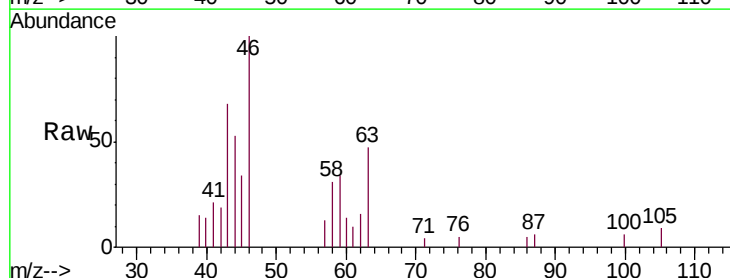
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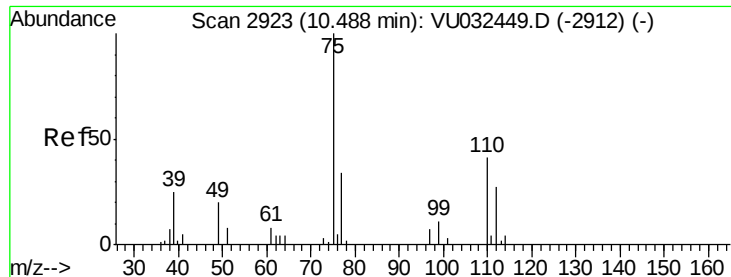
Tgt Ion: 63 Resp: 3863
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 1.100 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU032454.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 43 Resp: 4120
 Ion Ratio Lower Upper
 43 100
 58 42.0 41.9 62.9
 57 19.6 15.1 22.7
 100 3.4 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.201 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032454.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 5805

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

