

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041669.D
 Acq On : 18 Dec 2020 11:04
 Operator : SY/MD
 Sample : L5129-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL7

Quant Time: Dec 19 04:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111889	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50382	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13186	1.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	29.00%#
7) Chloroethane-d5	1.92	69	16087	2.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	45.60%#
11) 1,1-Dichloroethene-d2	2.58	63	22535	1.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	26.80%#
20) 2-Butanone-d5	4.66	46	143209	54.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.40%
24) Chloroform-d	5.08	84	47317	3.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.60%#
26) 1,2-Dichloroethane-d4	5.72	65	28886	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
32) Benzene-d6	5.74	84	75112	2.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	46.80%#
36) 1,2-Dichloropropane-d6	6.70	67	29677	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	59.00%#
41) Toluene-d8	7.90	98	64570	2.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	44.60%#
43) trans-1,3-Dichloropropene-	8.18	79	12181	2.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.00%#
46) 2-Hexanone-d5	8.64	63	106407	43.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40231	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31232	3.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.80%#

Target Compounds

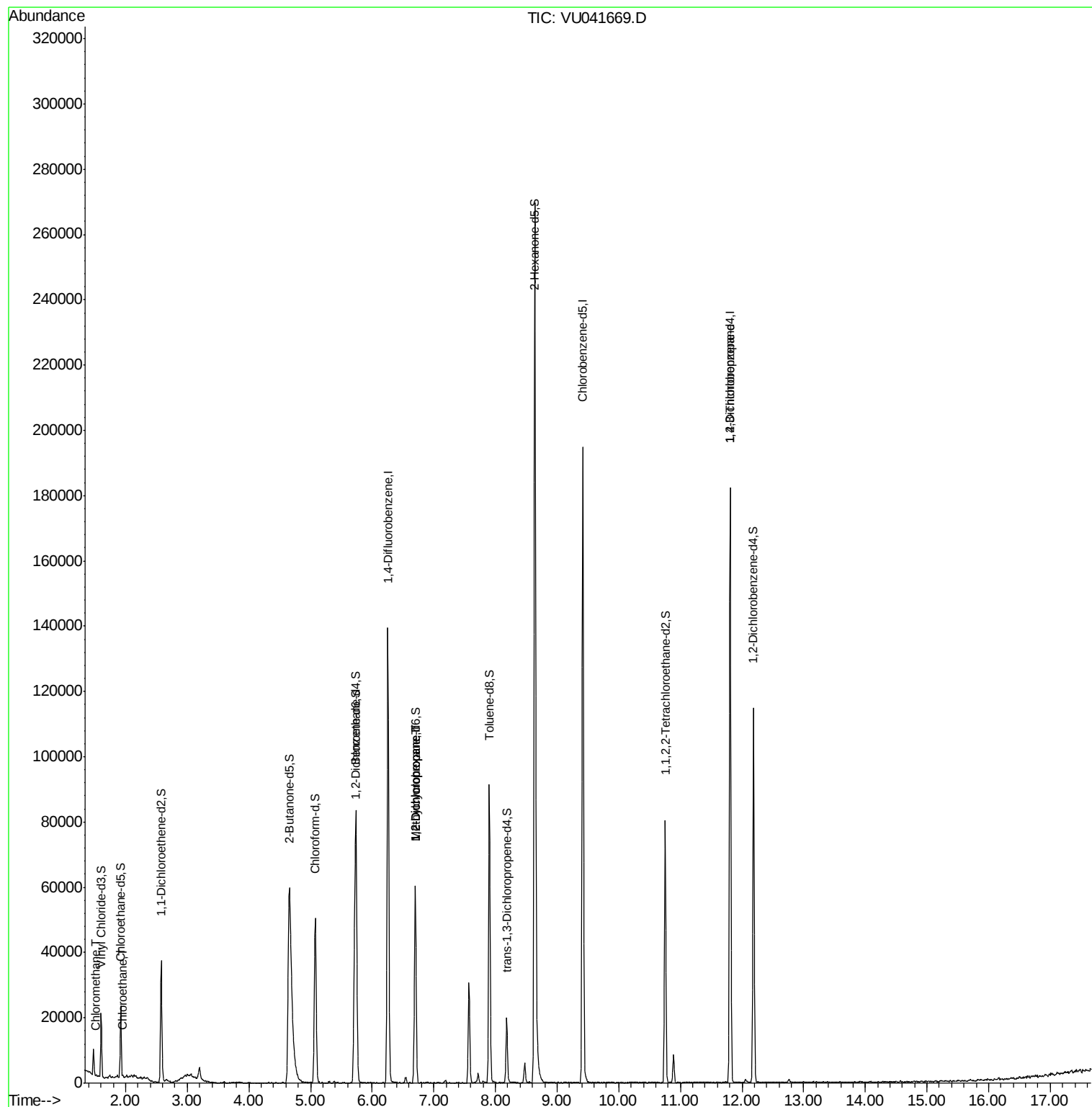
					Ovalue
3) Chloromethane	1.52	50	464	0.048	ug/L # 40
8) Chloroethane	1.95	64	278	0.039	ug/L # 44
35) Methylcyclohexane	6.70	83	7068	0.486	ug/L # 19
37) 1,2-Dichloropropane	6.70	63	2975	0.325	ug/L # 88
59) 1,2,3-Trichloropropane	11.81	75	5573	0.811	ug/L 98

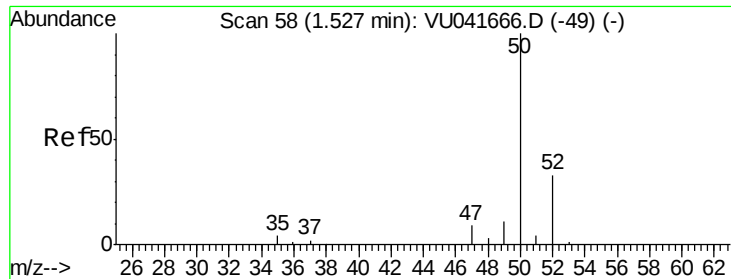
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.048 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041669.D

Acq: 18 Dec 2020 11:04

Instrument :

MSVOA_U

ClientSampleId :

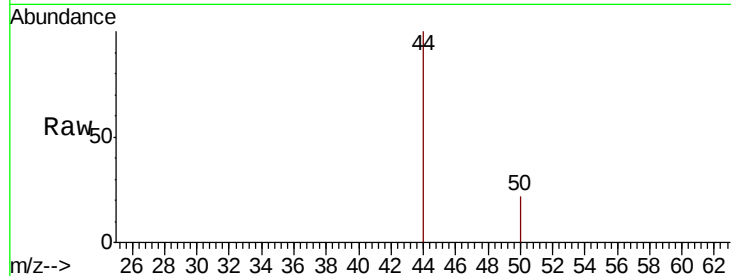
C0AL7

Tot Ion: 50 Resp: 464

Ion Ratio Lower Upper

50 100

52 0.0 24.1 44.8#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

400

300

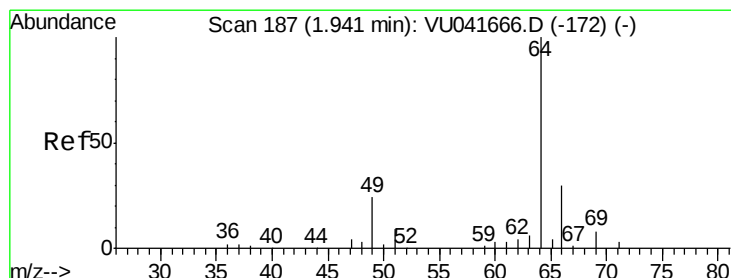
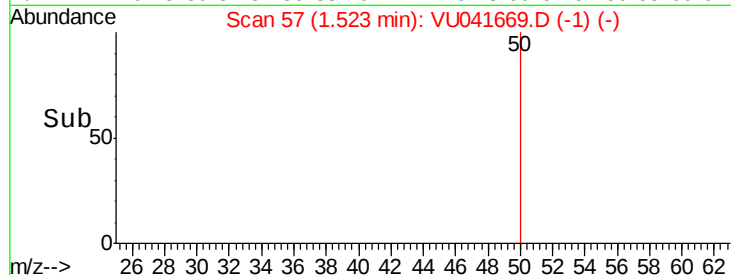
200

100

0

1.50 1.52 1.54

Time-->



#8

Chloroethane

Concen: 0.039 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.01 min

Lab File: VU041669.D

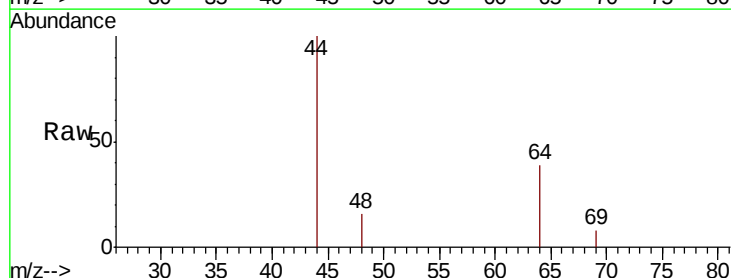
Acq: 18 Dec 2020 11:04

Tgt Ion: 64 Resp: 278

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.95

600

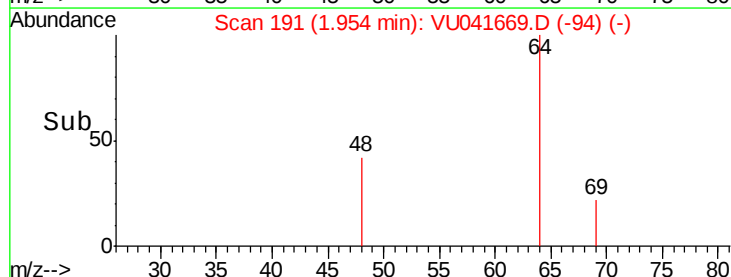
400

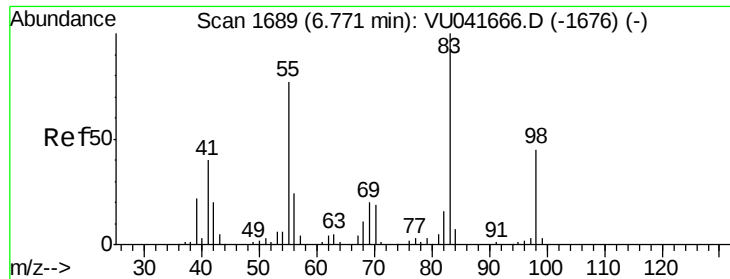
200

0

1.94 1.96

Time-->

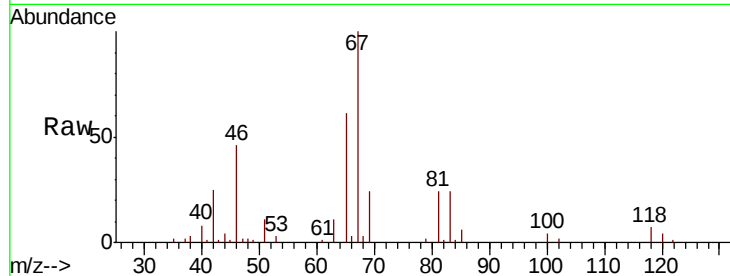




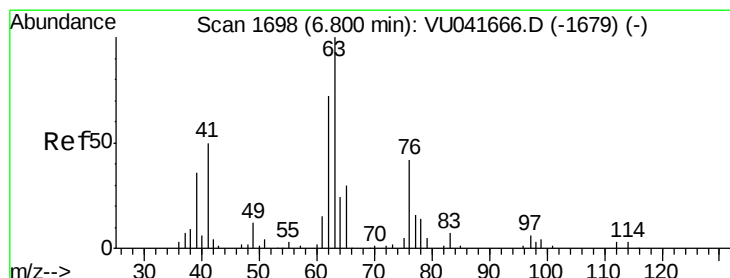
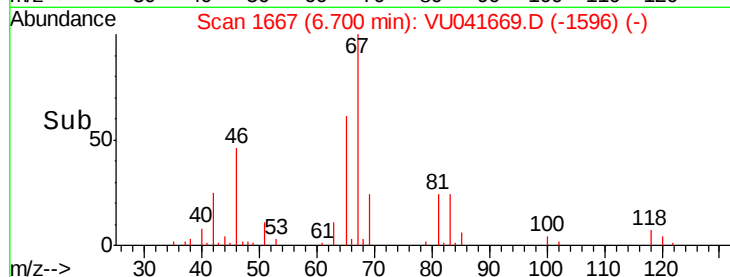
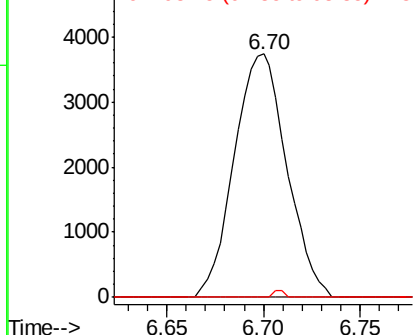
#35
Methvlcvclohexane
Concen: 0.486 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041669.D
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C0AL7

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.6	36.6	54.8#

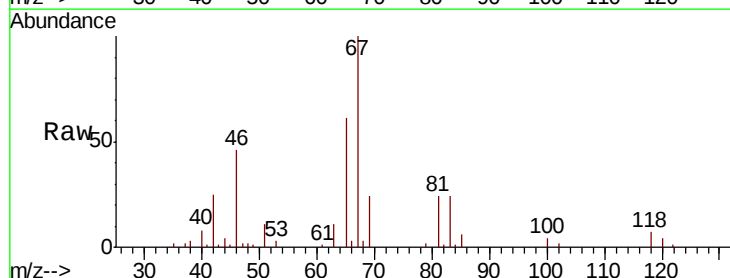


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

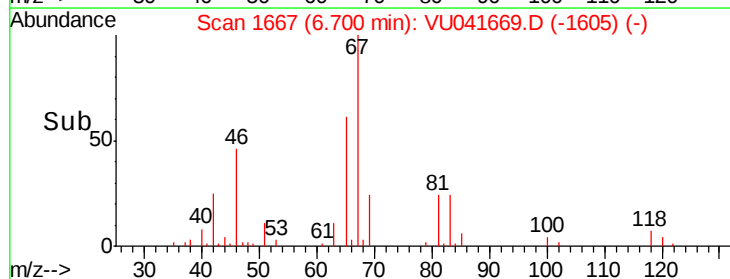
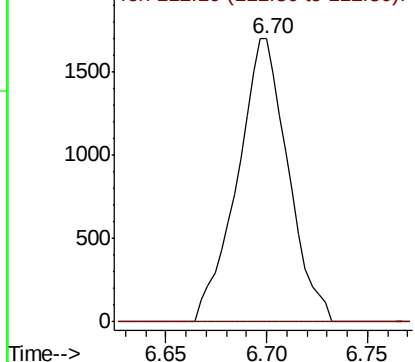


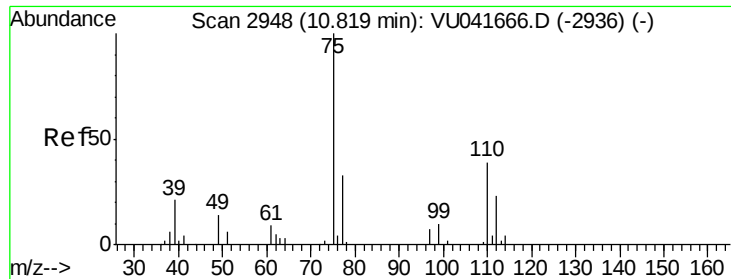
#37
1,2-Dichloropropane
Concen: 0.325 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041669.D
Acq: 18 Dec 2020 11:04

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 0.811 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041669.D

Acq: 18 Dec 2020 11:04

Instrument :

MSVOA_U

ClientSampleId :

C0AL7

Tot Ion: 75 Resp: 5573

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

