

Data File : VU035921.D
Acq On : 29 Nov 2019 14:33
Operator : JC/SP
Sample : K6061-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XQ1

Quant Time: Nov 30 03:24:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	221850	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	80003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123453	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.93	69	123443	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	158616	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.69	46	333257	49.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	5.11	84	235171	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.75	65	130119	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.77	84	435049	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.73	67	152341	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.93	98	349332	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.21	79	47854	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.68	63	246046	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	128967	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	90446	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

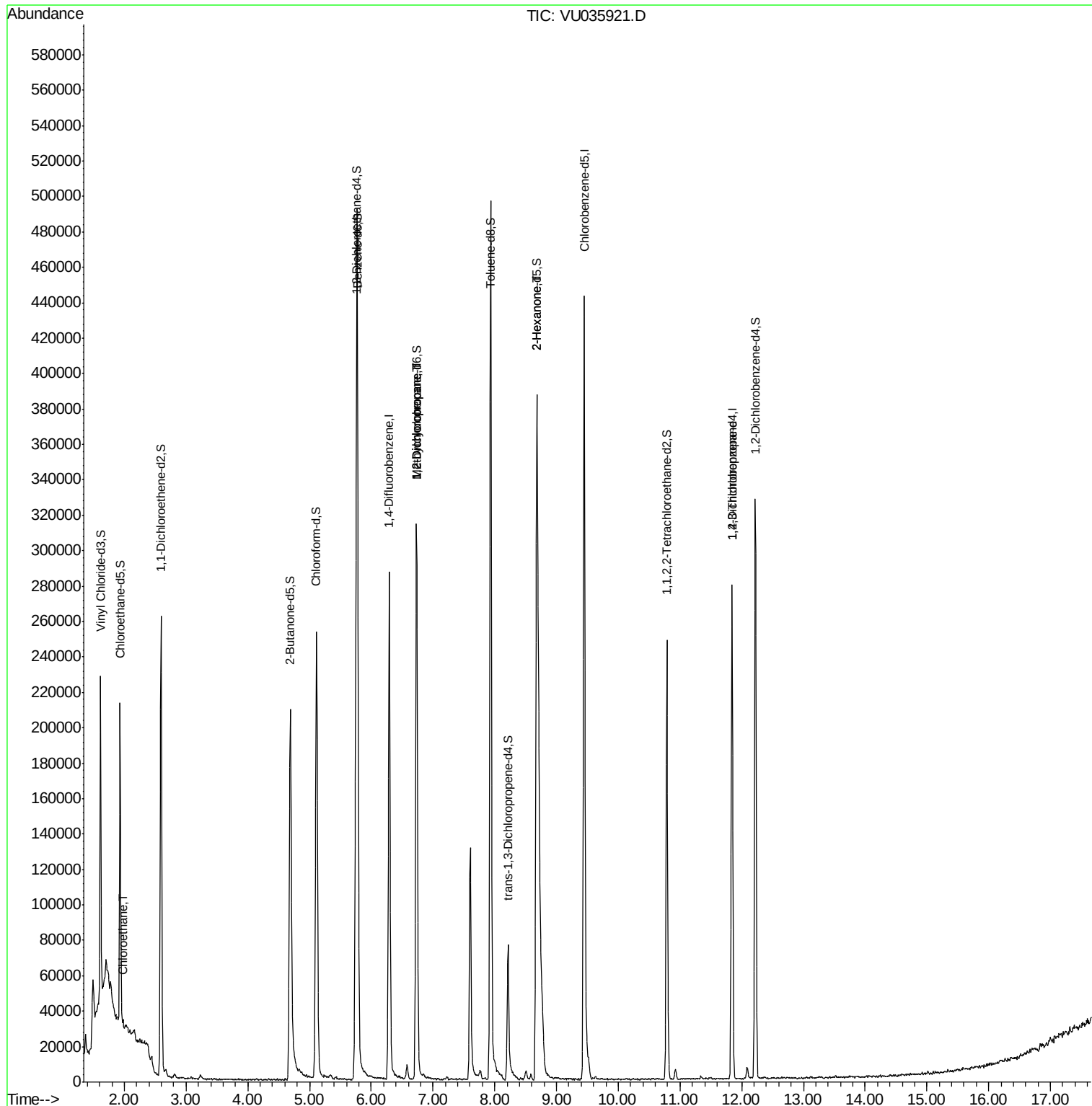
					Qvalue
8) Chloroethane	1.98	64	1606	0.075 ug/L #	53
35) Methylcyclohexane	6.74	83	35017	0.892 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	15664	0.506 ug/L #	92
48) 2-Hexanone	8.68	43	40433	2.891 ug/L #	48
59) 1,2,3-Trichloropropane	11.84	75	11084	0.551 ug/L	93

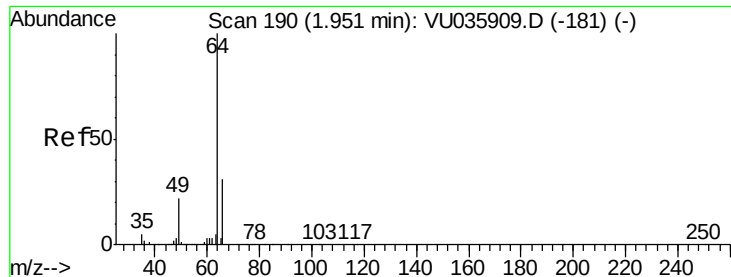
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.075 ug/L

RT: 1.98 min Scan# 199

Delta R.T. 0.03 min

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Acq: 29 Nov 2019 14:33

Instrument :

MSVOA_U

ClientSampled :

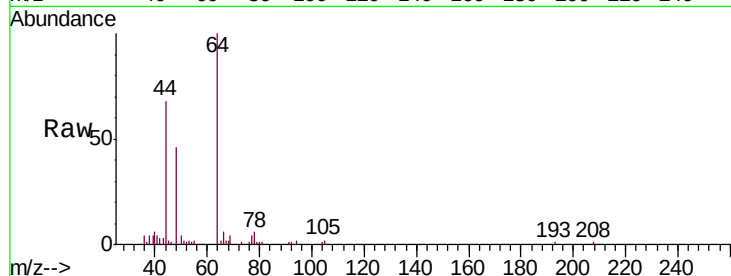
C0XQ1

Tgt Ion: 64 Resp: 1606

Ion Ratio Lower Upper

64 100

66 6.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU035909.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU035909.D (-181) (-)

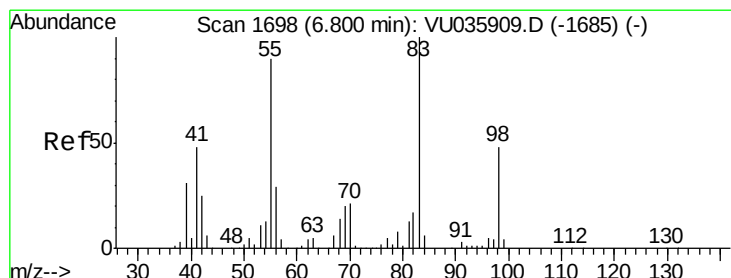
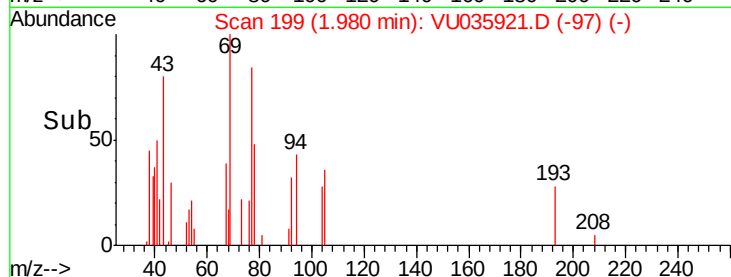
1.98

10000

5000

0

Time-->



#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

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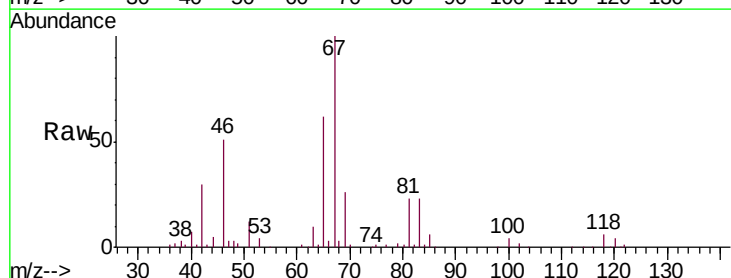
Tgt Ion: 83 Resp: 35017

Ion Ratio Lower Upper

83 100

55 0.5 72.7 109.1#

98 0.7 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VU035909.D (-1685) (-)

Ion 55.10 (54.80 to 55.80): VU035909.D (-1685) (-)

Ion 98.15 (97.85 to 98.85): VU035909.D (-1685) (-)

6.74

20000

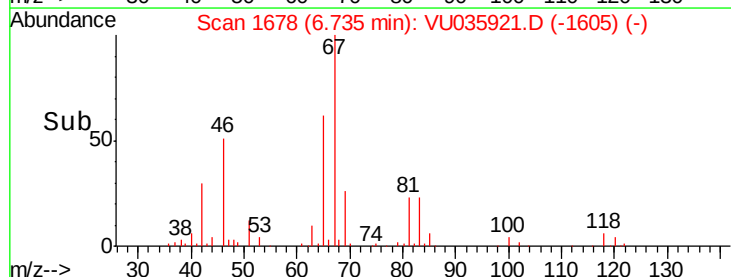
15000

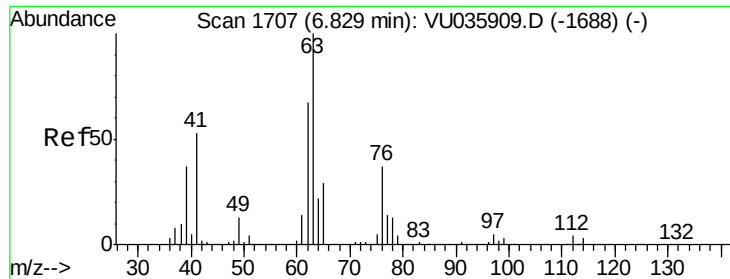
10000

5000

0

Time-->

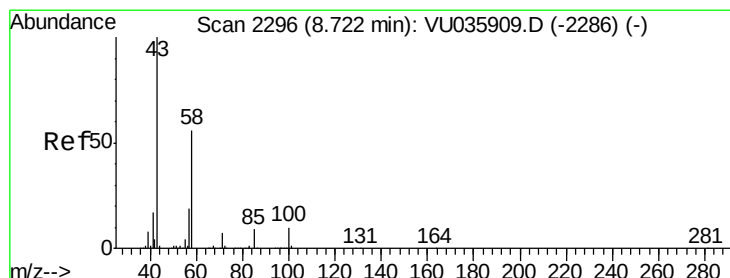
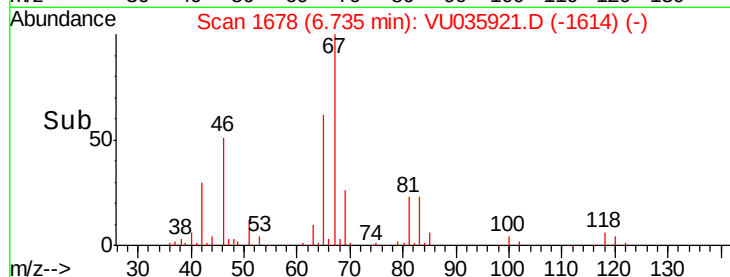
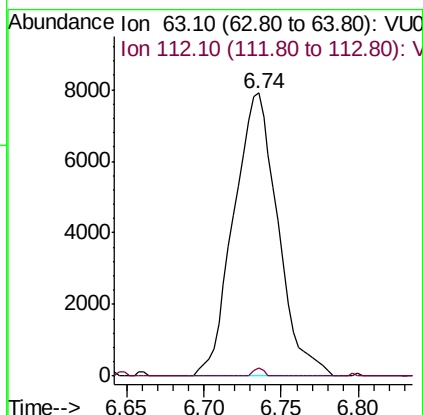
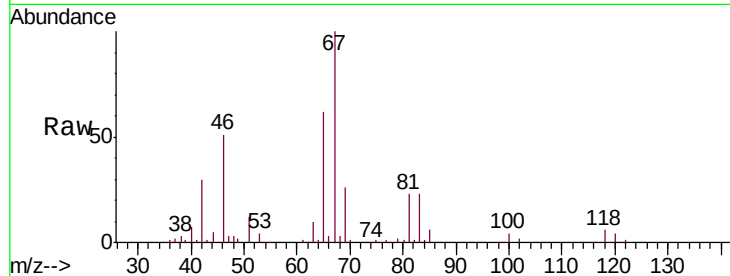




#37
 1,2-Dichloropropane
 Concen: 0.506 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.09 min
 Lab File: VU035921.D
 Acq: 29 Nov 2019 14:33

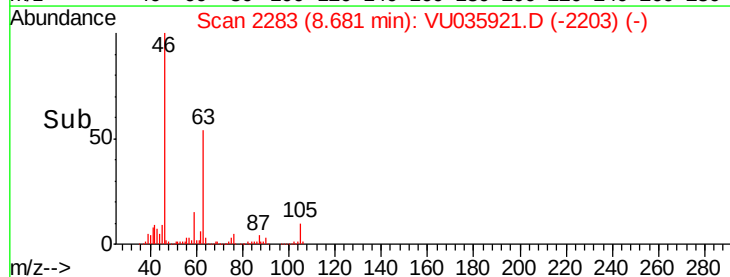
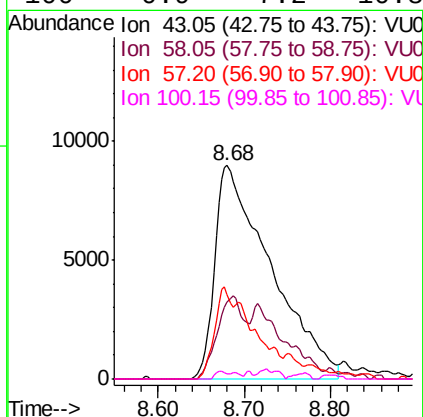
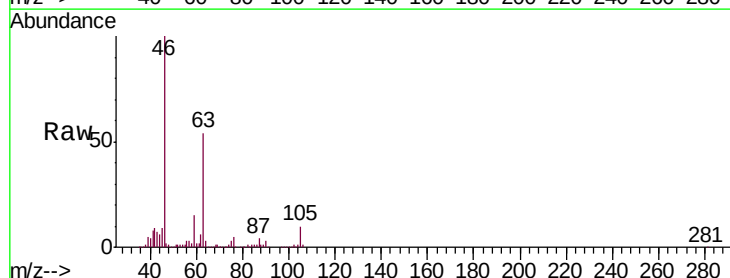
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 C0XQ1

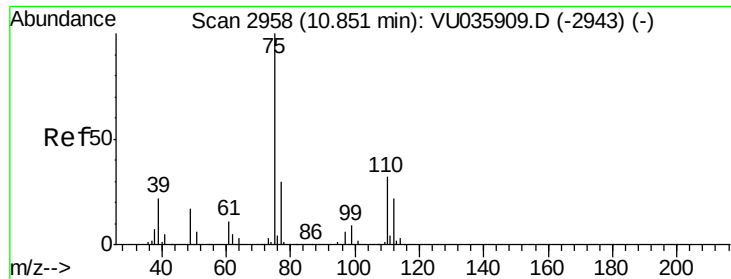
Tgt Ion: 63 Resp: 15664
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.7 4.1#



#48
 2-Hexanone
 Concen: 2.891 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.04 min
 Lab File: VU035921.D
 Acq: 29 Nov 2019 14:33

Tgt Ion: 43 Resp: 40433
 Ion Ratio Lower Upper
 43 100
 58 0.0 39.8 59.8#
 57 13.3 14.0 21.0#
 100 0.9 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.551 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035921.D

Acq: 29 Nov 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

C0XQ1

Tgt Ion: 75 Resp: 11084

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.2

