

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030865.D
 Acq On : 07 Apr 2019 18:34
 Operator : JC/SP
 Sample : K2283-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ98

Quant Time: Apr 08 03:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 03:35:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	237124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112434	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	1.68	69	93816	6.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.40%
11) 1,1-Dichloroethene-d2	2.27	63	163100	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.19	46	302557	64.80	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.60%
24) Chloroform-d	4.64	84	161750	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	103899	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.40%
32) Benzene-d6	5.33	84	351251	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.33	67	121398	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	7.56	98	283845	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	39831	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.31	63	190354	55.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93635	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	100818	6.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.60%#

Target Compounds

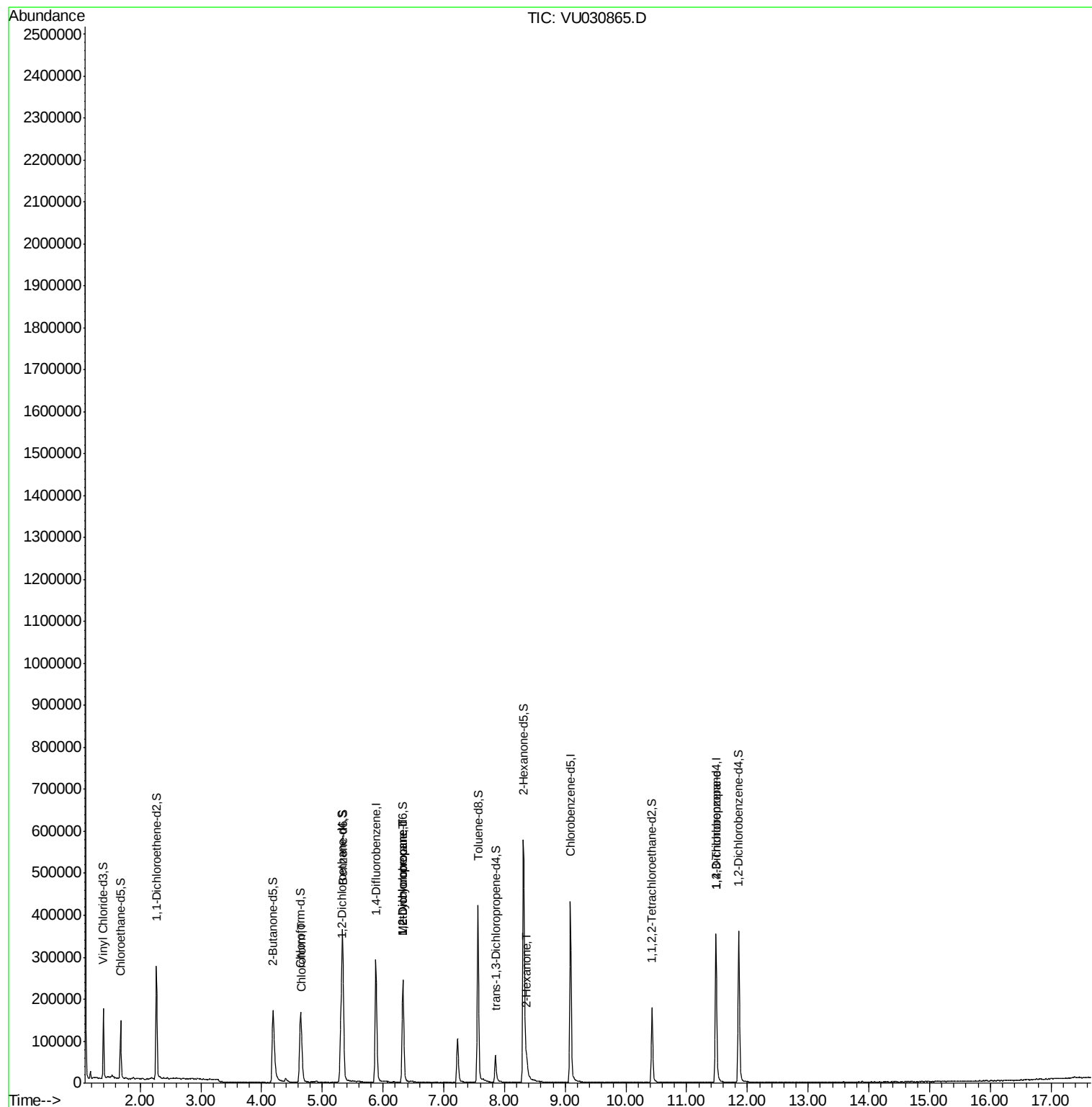
					Qvalue
25) Chloroform	4.67	83	25789	0.732 ug/L	92
35) Methylcyclohexane	6.32	83	27171	0.836 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	12206	0.545 ug/L #	91
48) 2-Hexanone	8.37	43	24574	2.540 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	13138	1.051 ug/L	92

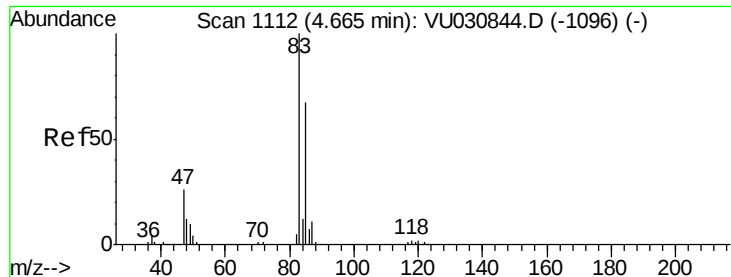
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.732 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

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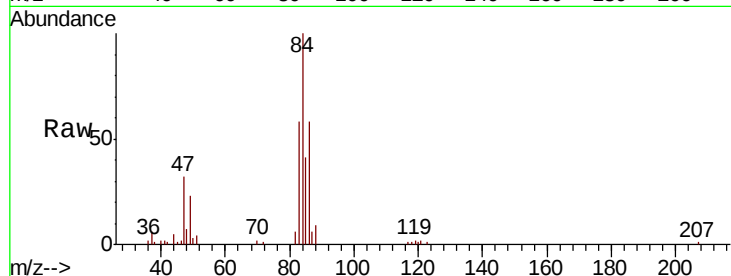
BEZ98

Tgt Ion: 83 Resp: 25789

Ion Ratio Lower Upper

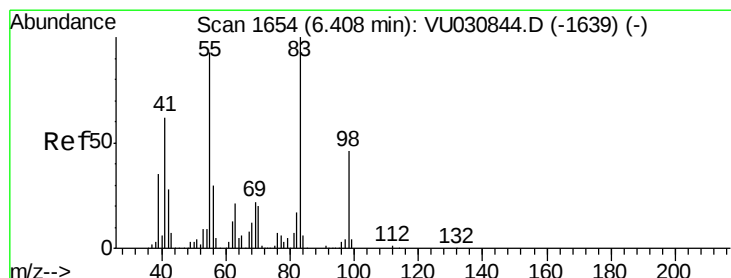
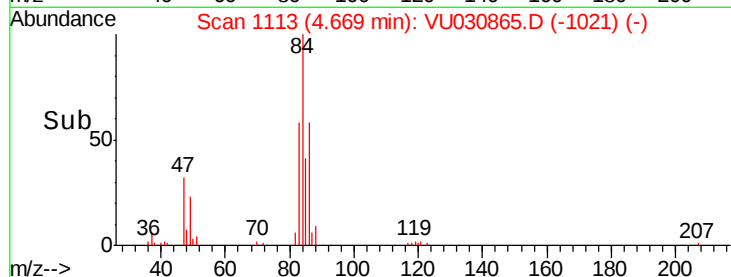
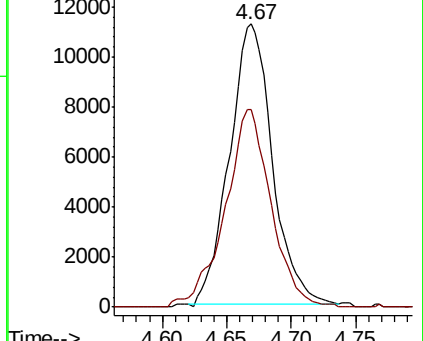
83 100

85 69.6 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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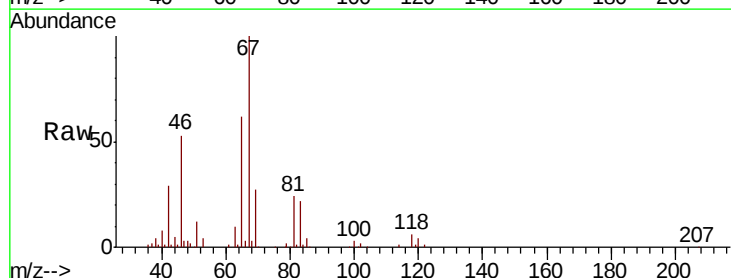
Tgt Ion: 83 Resp: 27171

Ion Ratio Lower Upper

83 100

55 0.4 72.6 108.8#

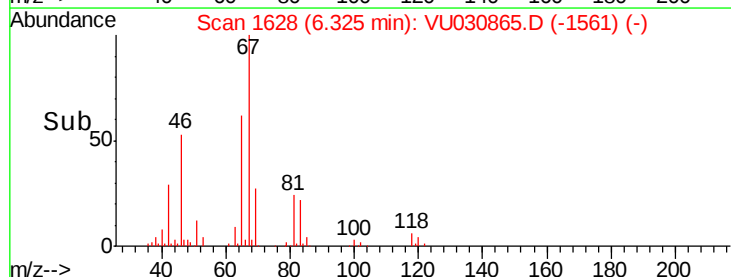
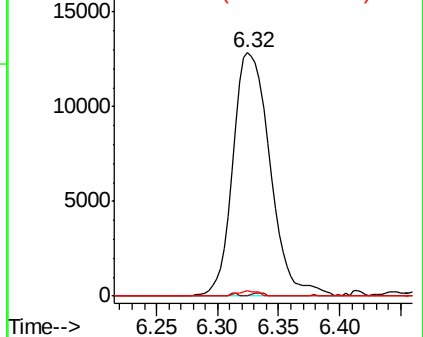
98 1.1 35.0 52.6#

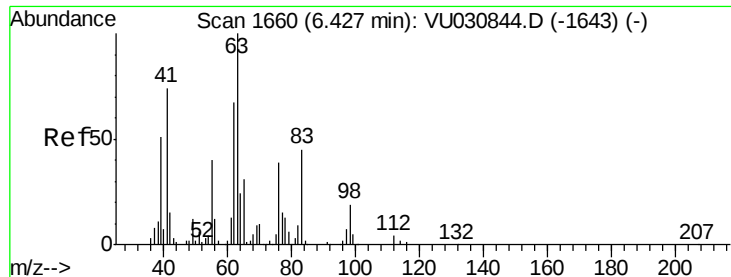


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

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Instrument :

MSVOA_U

ClientSampleId :

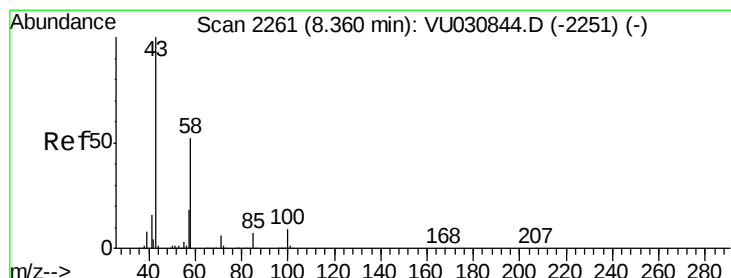
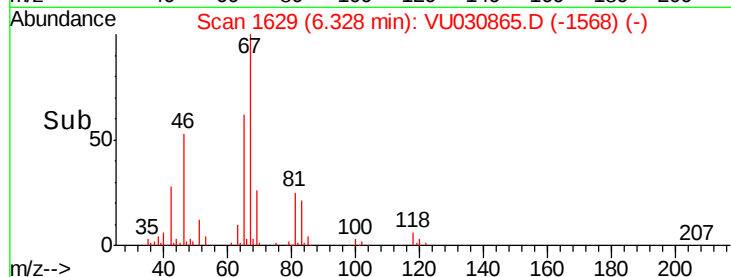
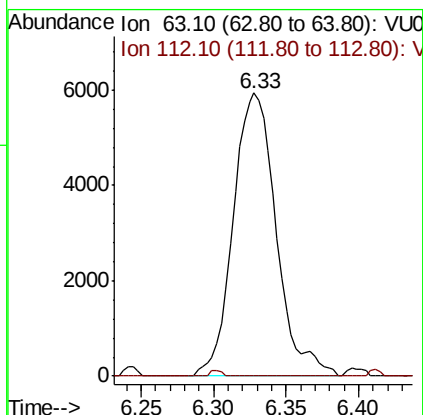
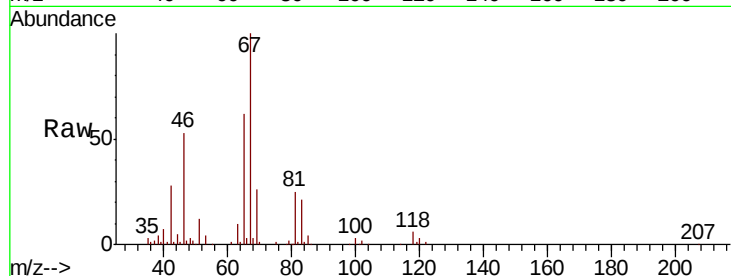
BEZ98

Tgt Ion: 63 Resp: 12206

Ion Ratio Lower Upper

63 100

112 0.5 2.8 4.2#



#48

2-Hexanone

Concen: 2.540 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU030865.D

Acq: 07 Apr 2019 18:34

Tgt Ion: 43 Resp: 24574

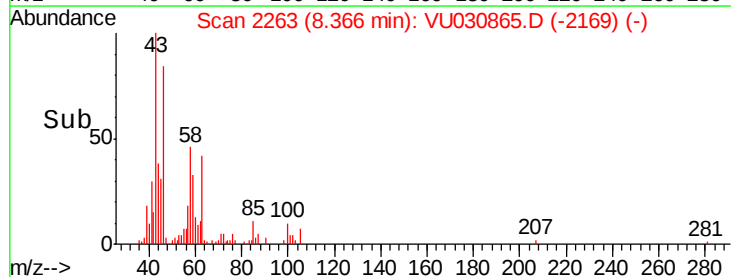
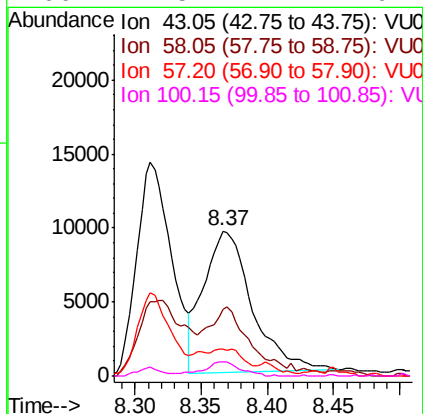
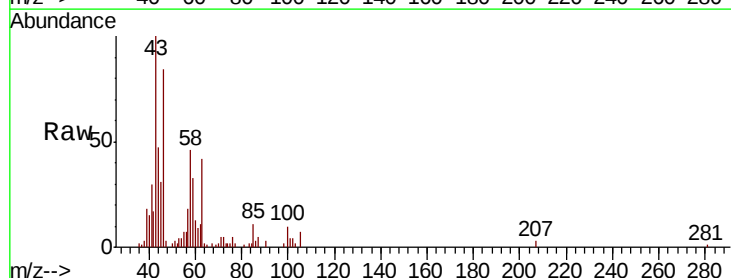
Ion Ratio Lower Upper

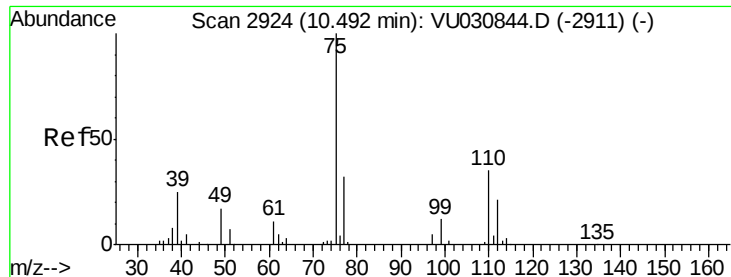
43 100

58 37.4 42.5 63.7#

57 12.1 13.9 20.9#

100 7.5 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 1.051 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030865.D

Acq: 07 Apr 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

BEZ98

Tgt Ion: 75 Resp: 13138

Ion Ratio Lower Upper

75 100

77 36.7 25.6 38.4

