

Data File : VU033923.D
Acq On : 23 Aug 2019 00:37
Operator : JC/SP
Sample : K4485-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B21

Quant Time: Aug 23 03:07:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	561834	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	571052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	235146	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	223397	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.67	69	187647	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.02%
11) 1,1-Dichloroethene-d2	2.25	63	322004	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.46%
21) 2-Butanone-d5	4.15	46	324163	97.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.77%
24) Chloroform-d	4.62	84	381280	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	5.28	65	263669	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.32	84	792467	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
36) 1,2-Dichloropropane-d6	6.31	67	265648	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.55	98	685171	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.83	79	110019	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.58%
47) 2-Hexanone-d5	8.29	63	211311	96.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	356163	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.84	152	253066	52.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.48%

Target Compounds

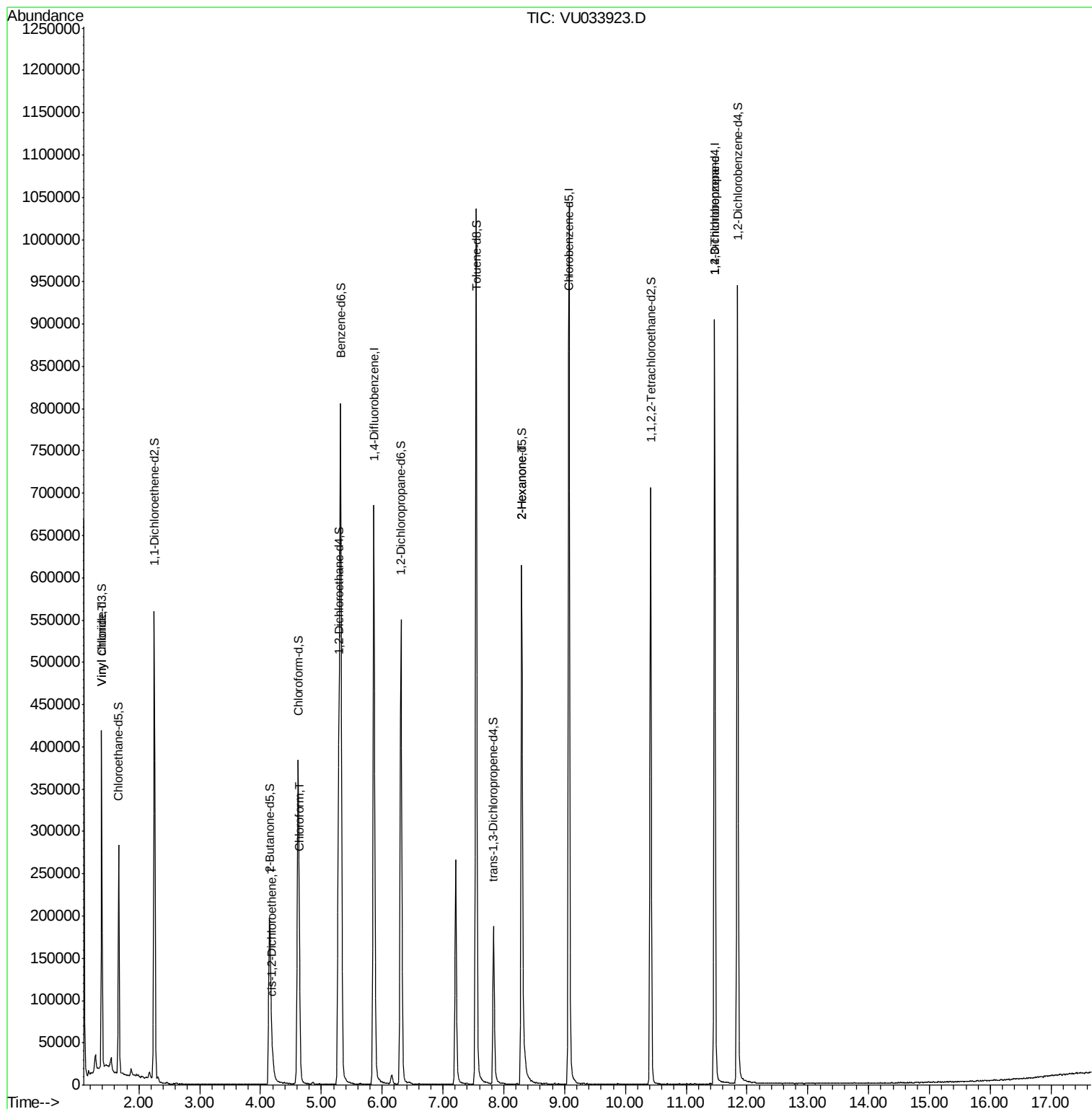
					Qvalue
5) Vinyl chloride	1.39	62	39144	6.668 ug/L #	56
20) cis-1,2-Dichloroethene	4.20	96	6209	1.386 ug/L	97
25) Chloroform	4.65	83	10145	1.263 ug/L	97
48) 2-Hexanone	8.30	43	26768	5.095 ug/L #	74
59) 1,2,3-Trichloropropane	11.47	75	28819	4.773 ug/L	93

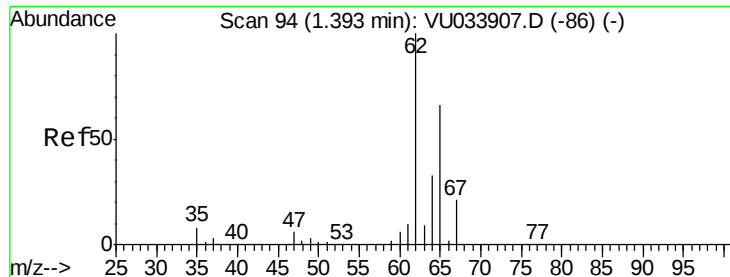
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.668 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

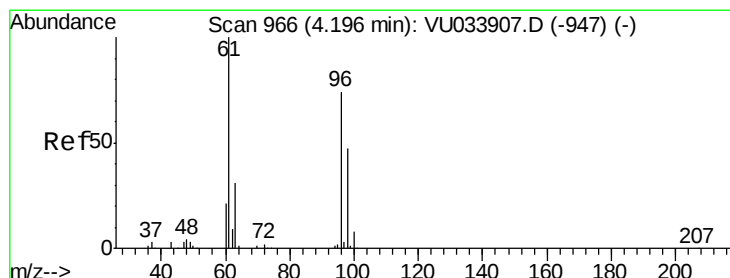
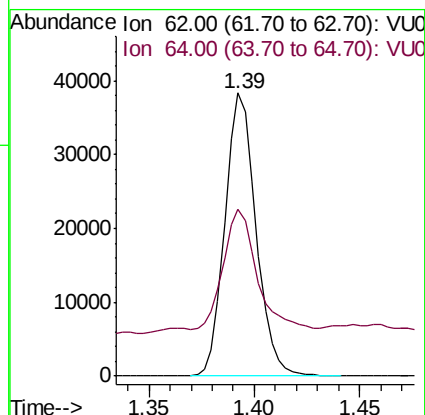
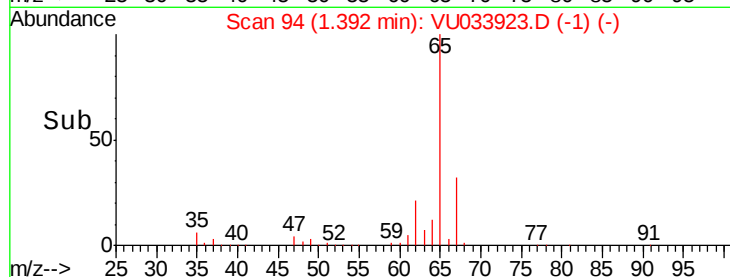
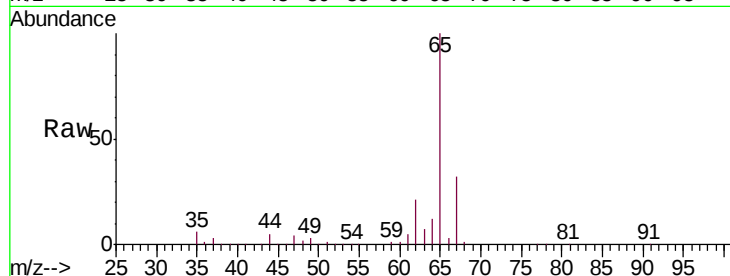
F2B21

Tgt Ion: 62 Resp: 39144

Ion Ratio Lower Upper

62 100

64 58.9 23.7 44.1#



#20

cis-1,2-Dichloroethene

Concen: 1.386 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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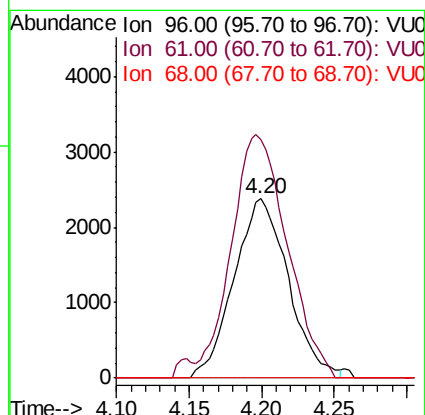
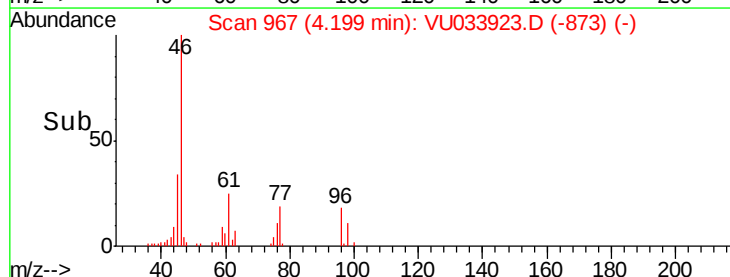
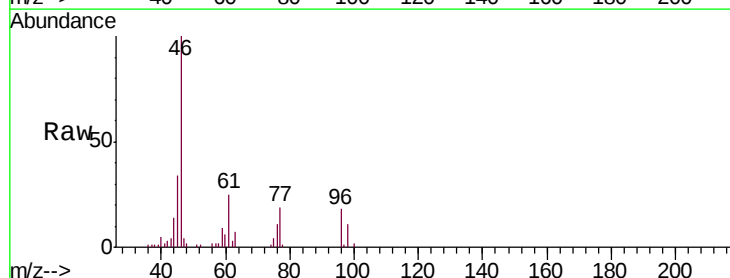
Tgt Ion: 96 Resp: 6209

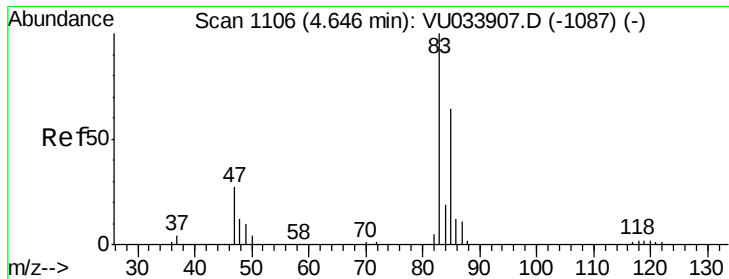
Ion Ratio Lower Upper

96 100

61 132.8 95.5 177.4

68 0.0 0.0 0.0

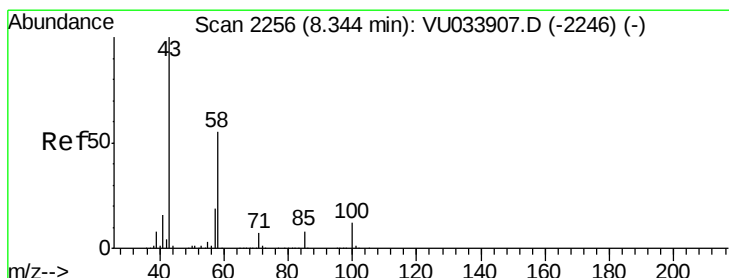
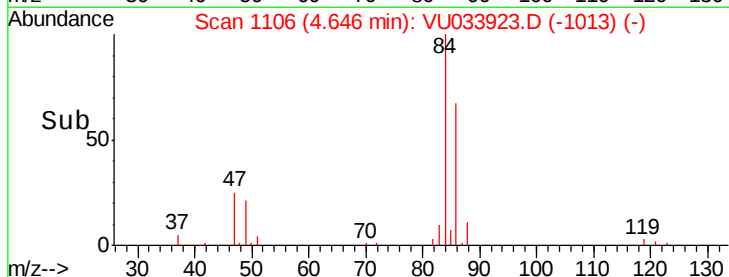
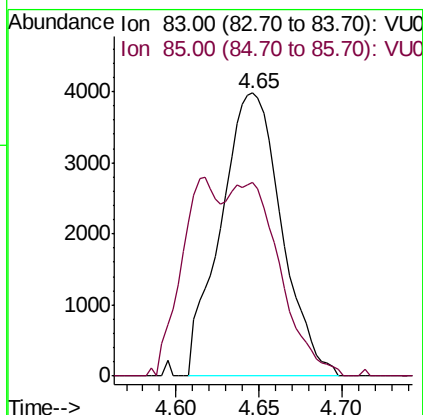
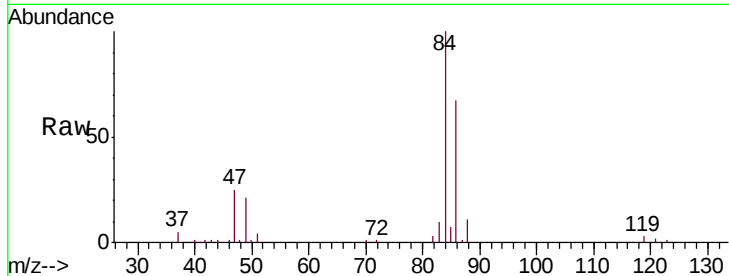




#25
Chloroform
Concen: 1.263 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
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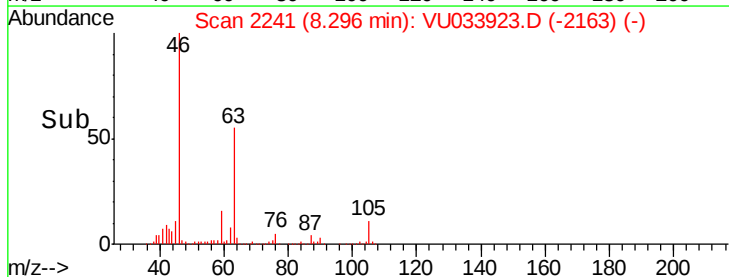
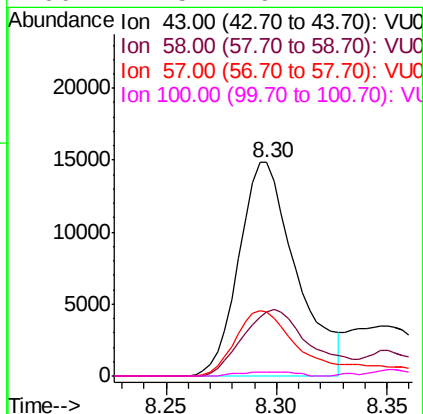
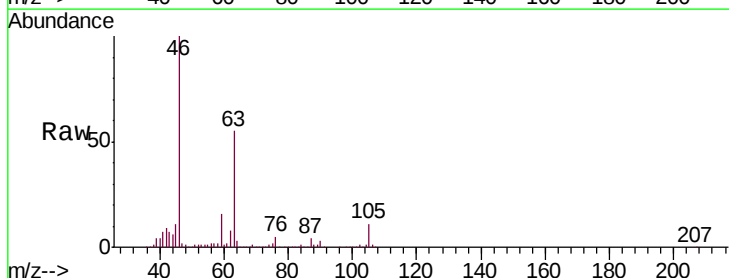
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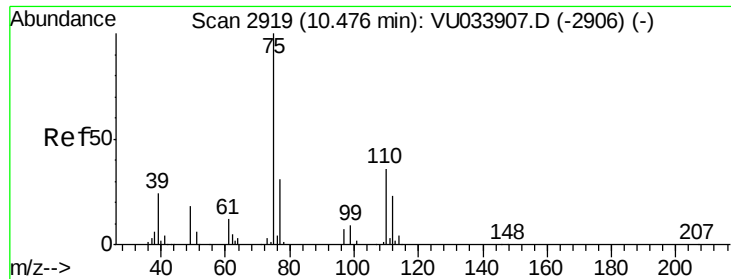
Tgt Ion: 83 Resp: 10145
Ion Ratio Lower Upper
83 100
85 68.6 46.2 85.8



#48
2-Hexanone
Concen: 5.095 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033923.D
Acq: 23 Aug 2019 00:37

Tgt Ion: 43 Resp: 26768
Ion Ratio Lower Upper
43 100
58 37.5 44.3 66.5#
57 31.8 15.3 22.9#
100 1.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.773 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033923.D

Acq: 23 Aug 2019 00:37

Instrument :

MSVOA_U

ClientSampleId :

F2B21

Tgt Ion: 75 Resp: 28819

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.8

