

Data File : VU033921.D
Acq On : 22 Aug 2019 23:50
Operator : JC/SP
Sample : K4485-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B12

Quant Time: Aug 23 03:06:59 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	550186	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	557614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	231799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	219776	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.10%
7) Chloroethane-d5	1.67	69	187692	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.08%
11) 1,1-Dichloroethene-d2	2.25	63	322052	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	4.15	46	339710	104.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.63%
24) Chloroform-d	4.62	84	382610	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.28	65	266863	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.31	84	799235	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
36) 1,2-Dichloropropane-d6	6.31	67	266306	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.62%
41) Toluene-d8	7.55	98	689914	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.83	79	114404	48.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.46%
47) 2-Hexanone-d5	8.29	63	231620	108.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	364573	49.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	254961	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

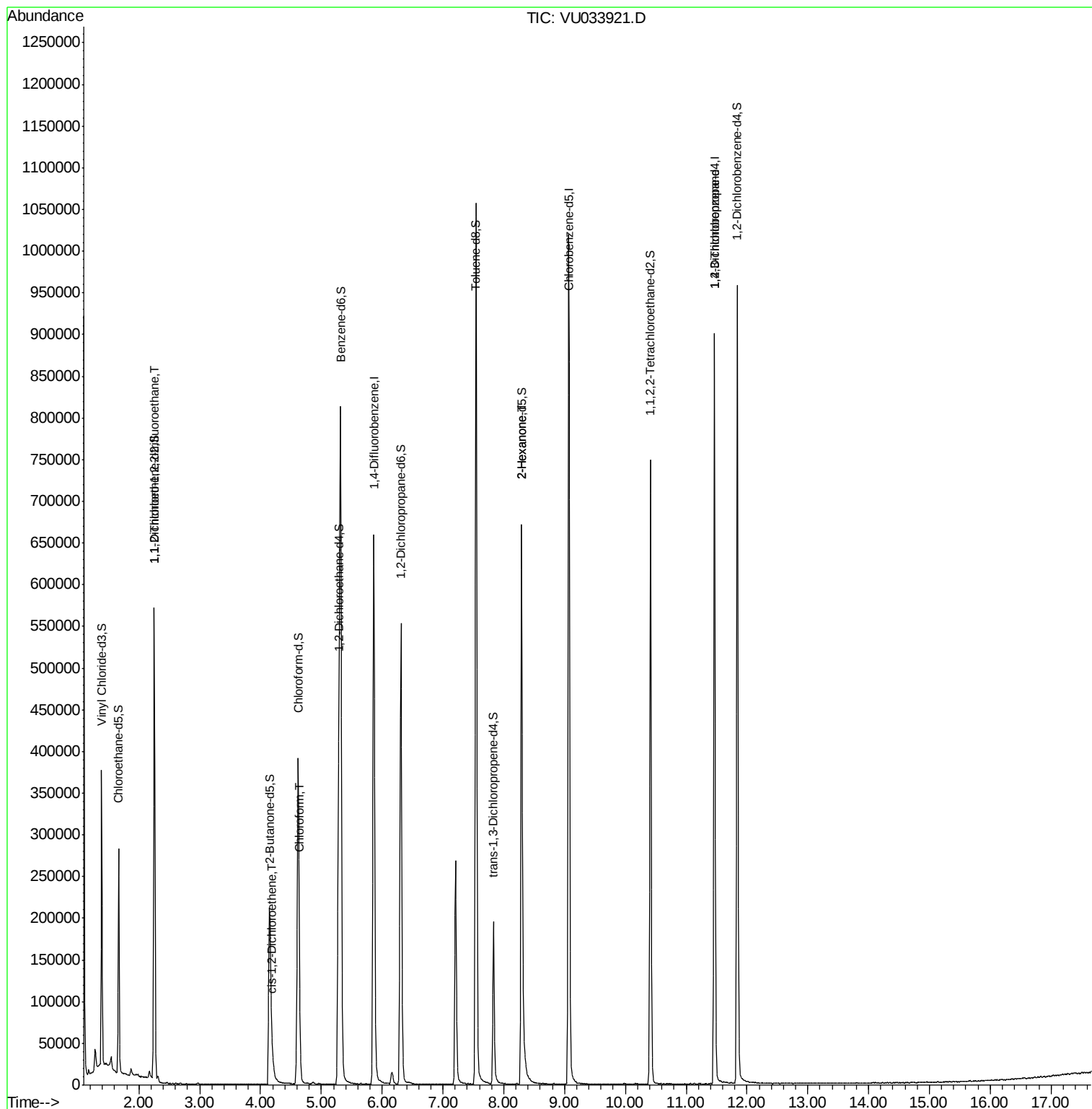
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3043	0.789	ug/L #	23
20) cis-1,2-Dichloroethene	4.20	96	6940	1.582	ug/L	87
25) Chloroform	4.65	83	14450	1.837	ug/L	98
48) 2-Hexanone	8.29	43	31022	6.047	ug/L #	72
59) 1,2,3-Trichloropropane	11.47	75	28149	4.775	ug/L	90

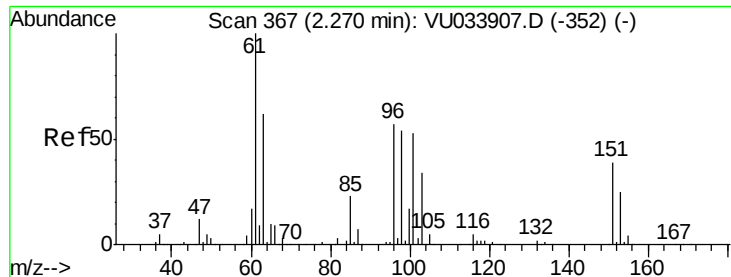
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.789 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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ClientSampleId :

F2B12

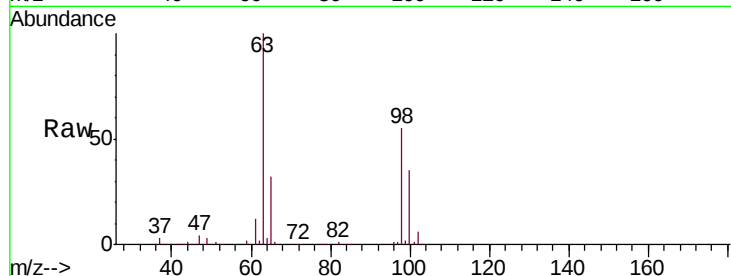
Tgt Ion: 101 Resp: 3043

Ion Ratio Lower Upper

101 100

85 3.0 33.7 50.5#

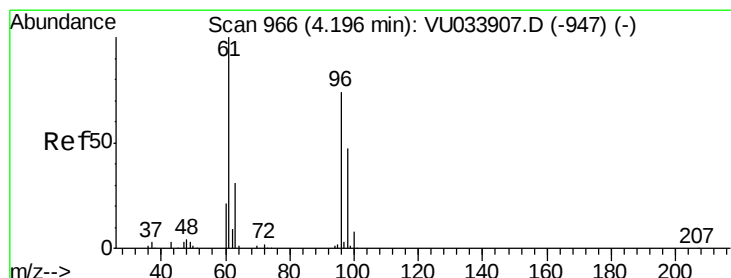
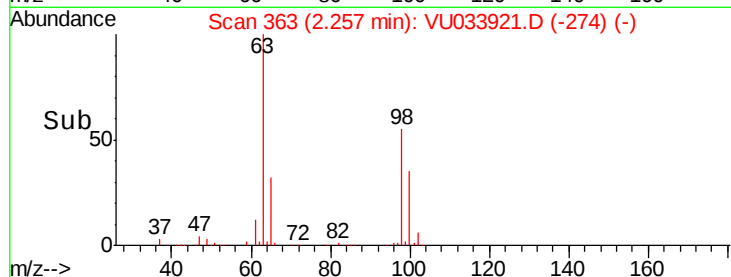
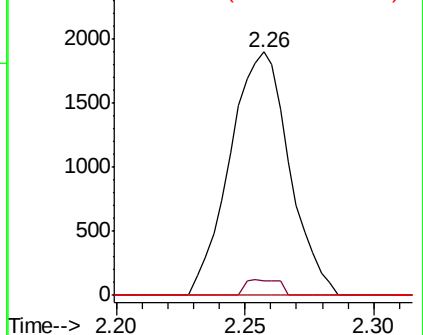
151 0.0 57.8 86.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 1.582 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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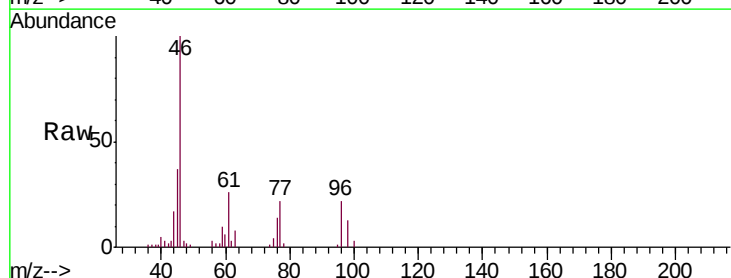
Tgt Ion: 96 Resp: 6940

Ion Ratio Lower Upper

96 100

61 120.8 95.5 177.4

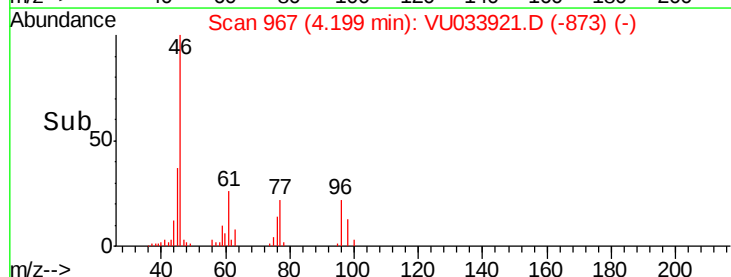
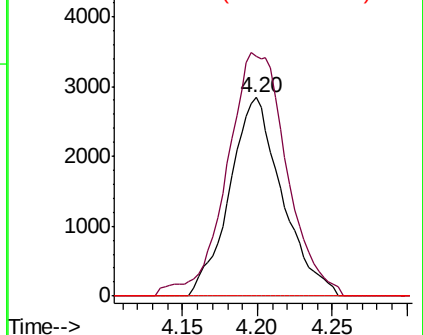
68 0.0 0.0 0.0

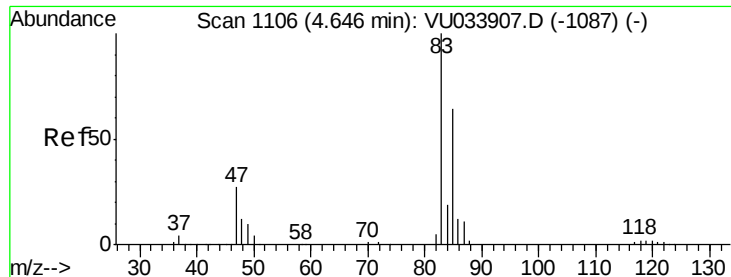


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

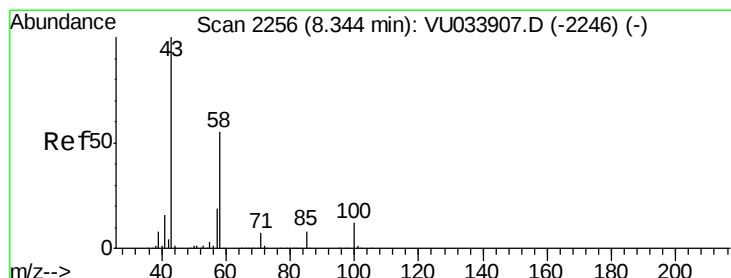
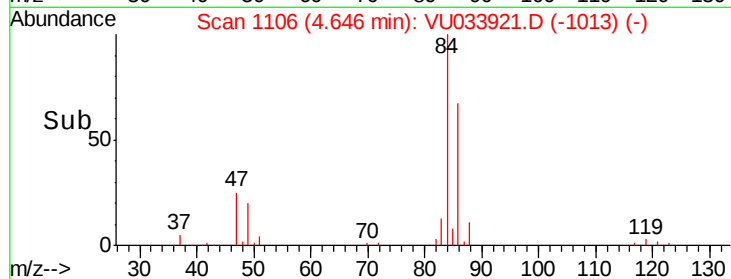
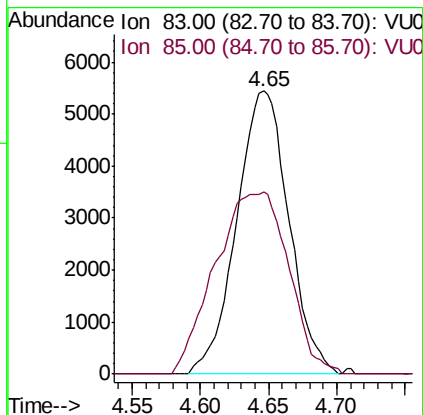
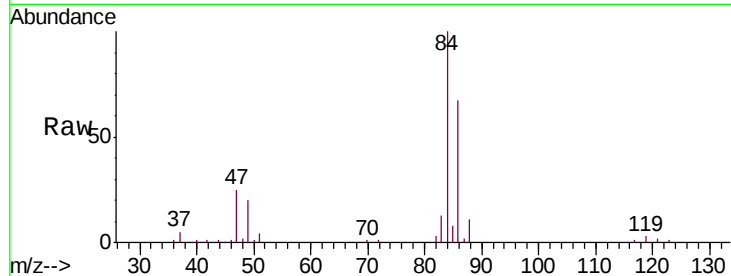




#25
Chloroform
Concen: 1.837 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
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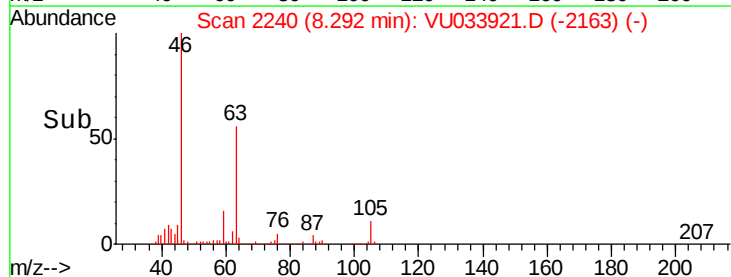
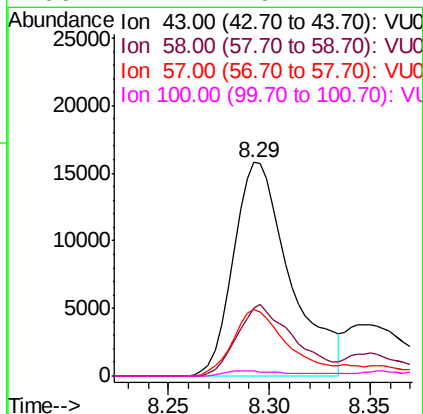
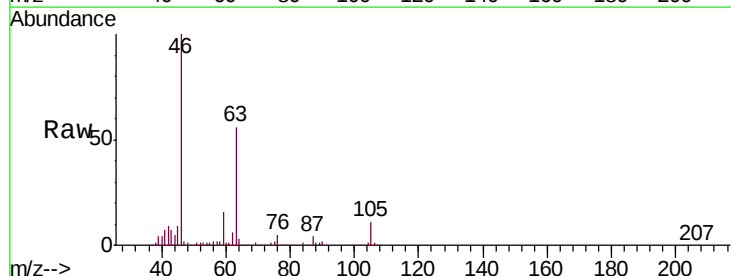
Instrument :
MSVOA_U
ClientSampled :
F2B12

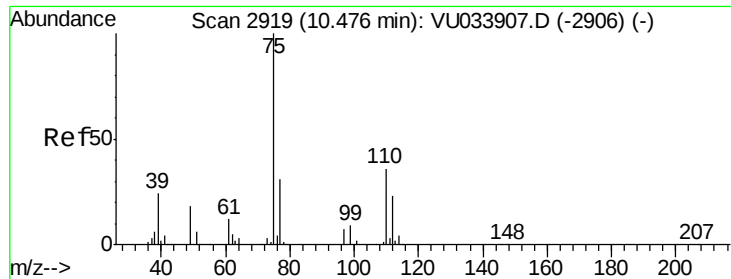
Tgt Ion: 83 Resp: 14450
Ion Ratio Lower Upper
83 100
85 64.6 46.2 85.8



#48
2-Hexanone
Concen: 6.047 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033921.D
Acq: 22 Aug 2019 23:50

Tgt Ion: 43 Resp: 31022
Ion Ratio Lower Upper
43 100
58 33.4 44.3 66.5#
57 29.6 15.3 22.9#
100 2.4 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.775 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033921.D

Acq: 22 Aug 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

F2B12

Tgt Ion: 75 Resp: 28149

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8

