

Data File : VU033873.D
Acq On : 21 Aug 2019 15:14
Operator : JC/SP
Sample : K4420-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B98

Quant Time: Aug 22 05:48:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 05:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	386962	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	394577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164406	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161458	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.76%
7) Chloroethane-d5	1.67	69	148364	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.25	63	221802	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.24%
21) 2-Butanone-d5	4.15	46	170918	93.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.61%
24) Chloroform-d	4.62	84	270418	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.28	65	179847	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
32) Benzene-d6	5.32	84	539938	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
36) 1,2-Dichloropropane-d6	6.31	67	179666	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.28%
41) Toluene-d8	7.55	98	470180	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.83	79	70912	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.88%
47) 2-Hexanone-d5	8.30	63	115541	87.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	243300	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	11.84	152	178950	54.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.22%

Target Compounds

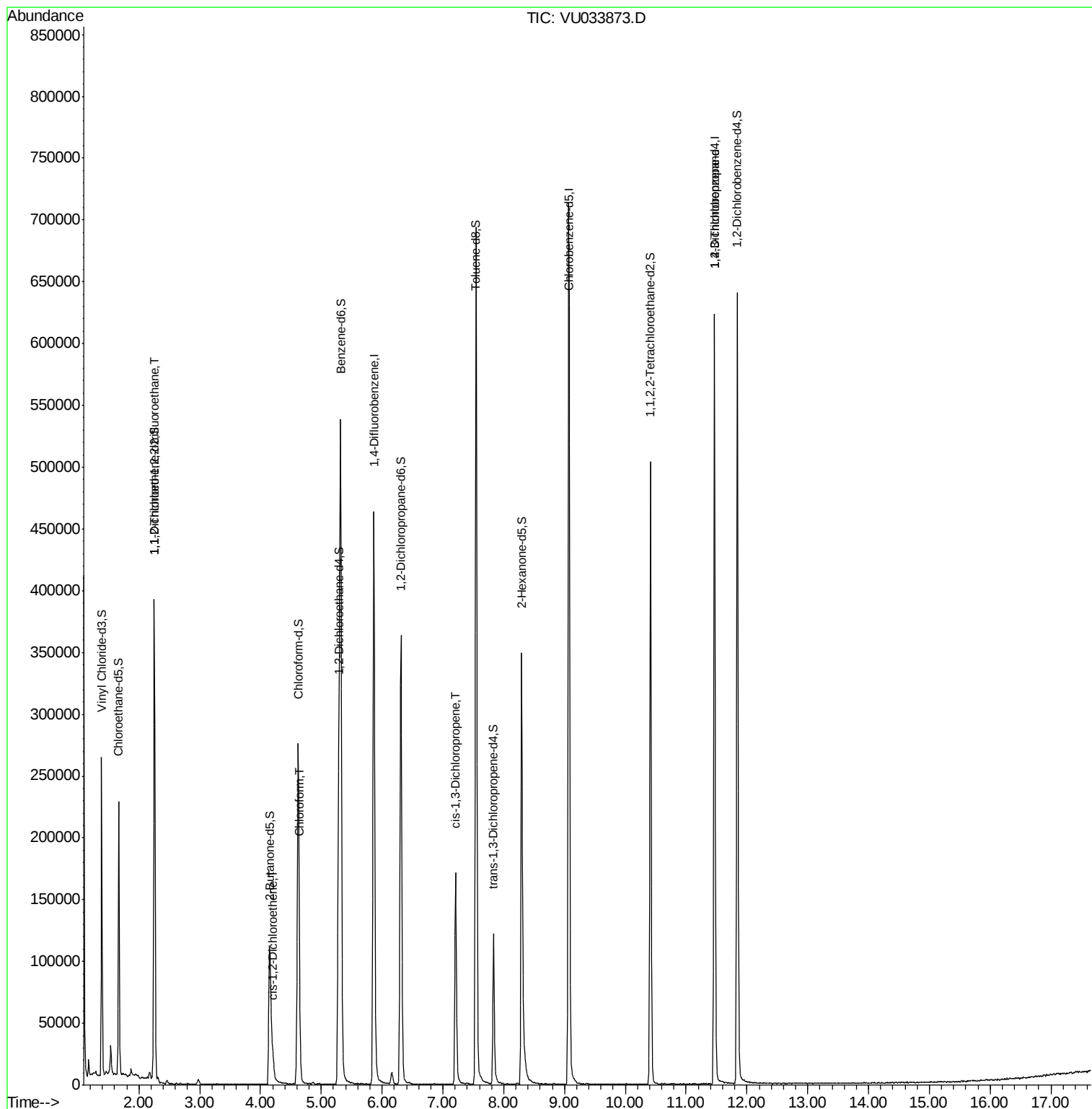
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1999	0.724 ug/L #	19
20) cis-1,2-Dichloroethene	4.21	96	7826	2.595 ug/L	95
25) Chloroform	4.65	83	4651	0.834 ug/L #	65
39) cis-1,3-Dichloropropene	7.21	75	4496	0.945 ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	19723	4.989 ug/L	89

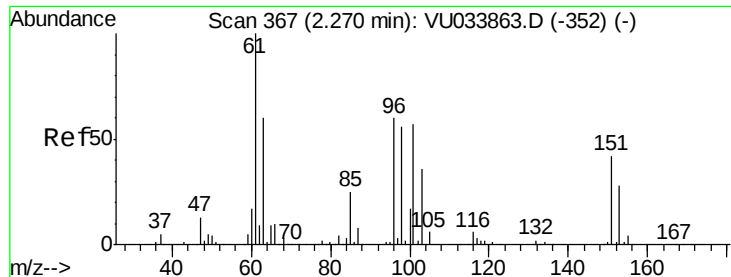
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.724 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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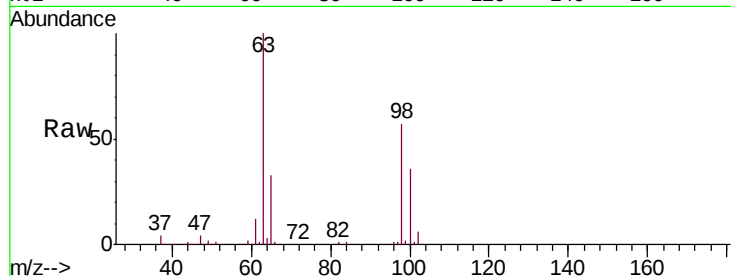
Tgt Ion: 101 Resp: 1999

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

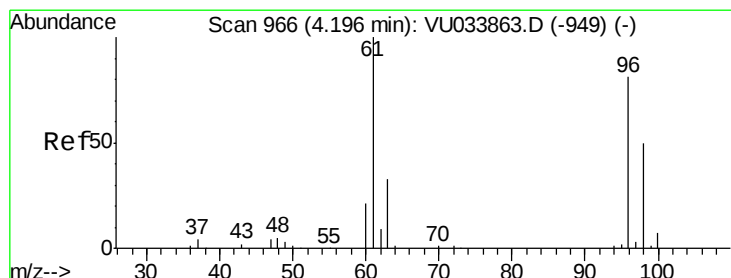
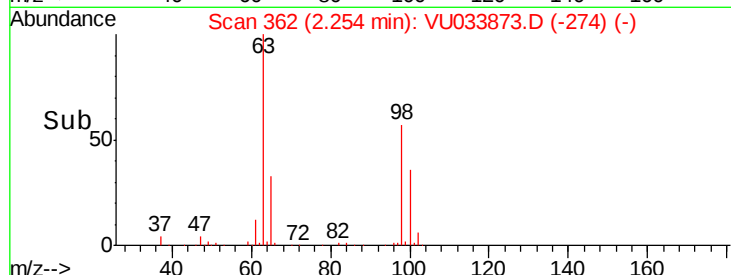
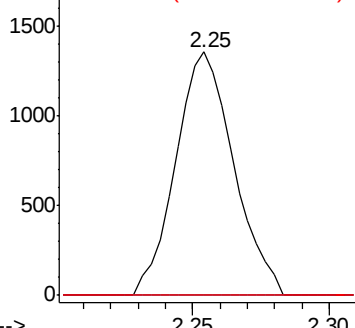
151 0.0 60.4 90.6#



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: 2.595 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU033873.D

Acq: 21 Aug 2019 15:14

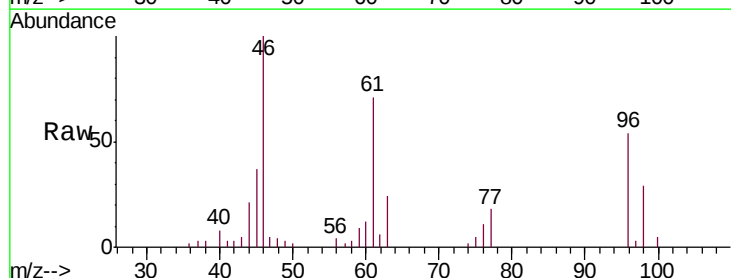
Tgt Ion: 96 Resp: 7826

Ion Ratio Lower Upper

96 100

61 132.1 88.2 163.8

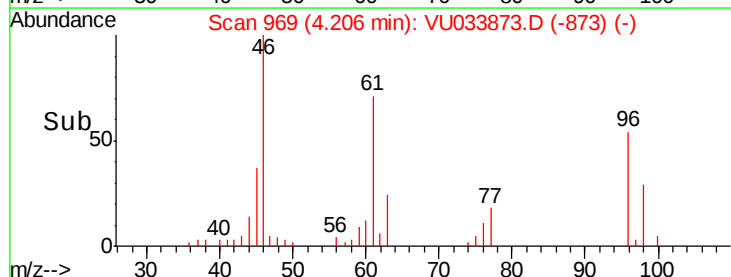
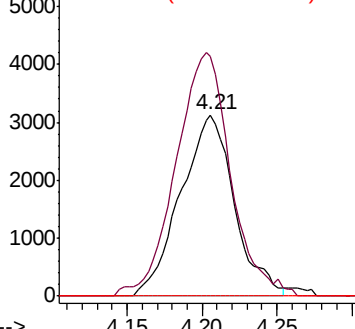
68 0.0 0.0 0.0

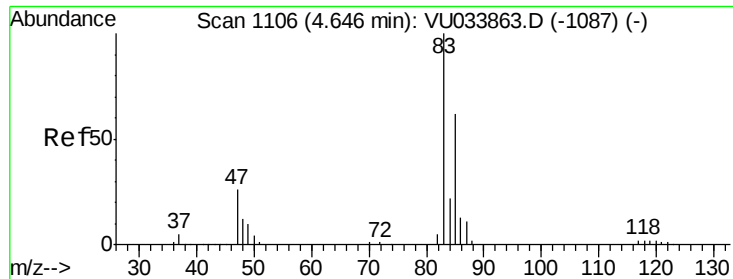


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

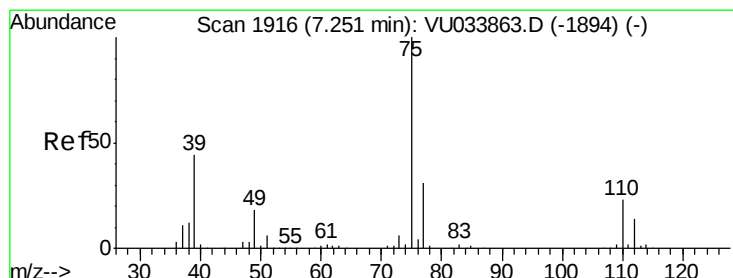
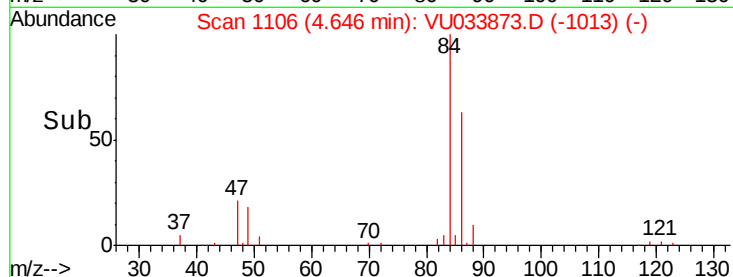
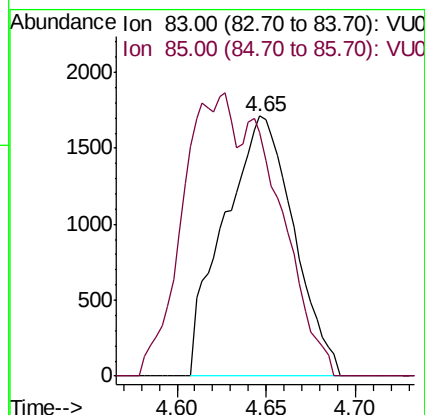
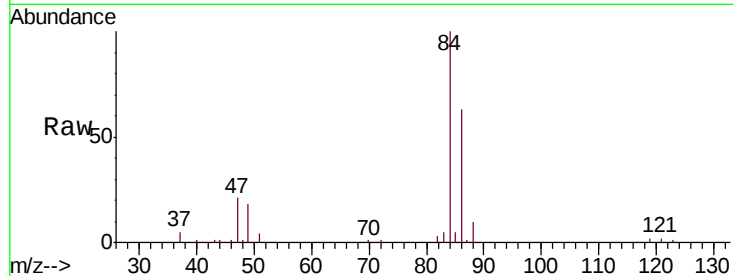




#25
Chloroform
Concen: 0.834 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
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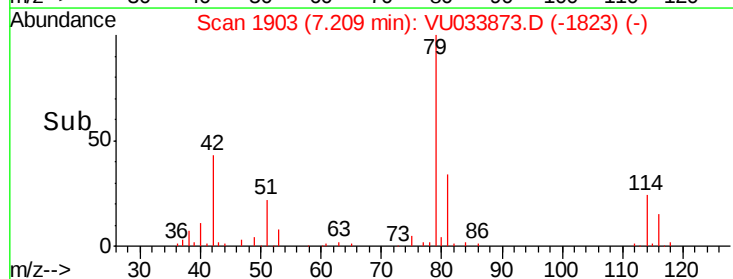
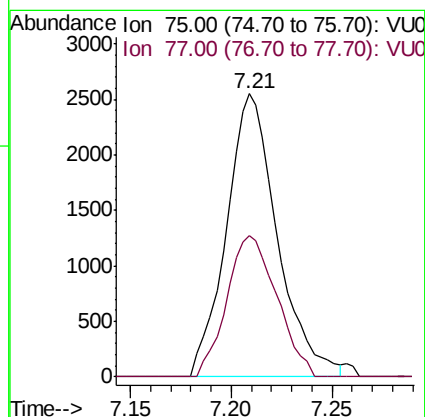
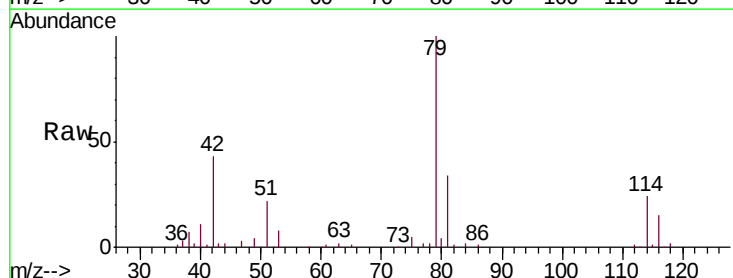
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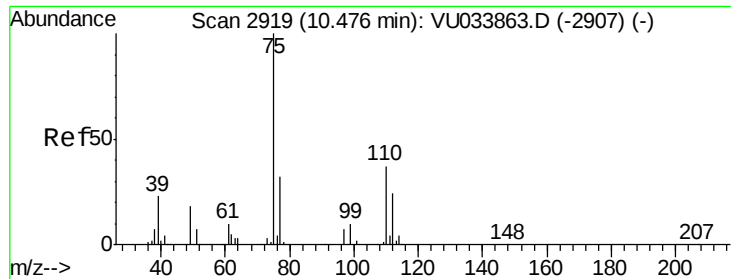
Tgt Ion: 83 Resp: 4651
Ion Ratio Lower Upper
83 100
85 93.8 46.3 86.1#



#39
cis-1,3-Dichloropropene
Concen: 0.945 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033873.D
Acq: 21 Aug 2019 15:14

Tgt Ion: 75 Resp: 4496
Ion Ratio Lower Upper
75 100
77 49.9 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 4.989 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033873.D

Acq: 21 Aug 2019 15:14

Instrument :

MSVOA_U

ClientSampleId :

F2B98

Tgt Ion: 75 Resp: 19723

Ion Ratio Lower Upper

75 100

77 38.7 26.0 39.0

