

Data File : VU030326.D
Acq On : 22 Mar 2019 22:09
Operator : JC/SP
Sample : K2062-08 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1D7

Quant Time: Mar 23 04:42:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	506821	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225156	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126435	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.78%
7) Chloroethane-d5	1.68	69	113796	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.06%
11) 1,1-Dichloroethene-d2	2.27	63	179855	28.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.54%#
21) 2-Butanone-d5	4.18	46	253501	99.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.71%
24) Chloroform-d	4.65	84	263508	41.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.31	65	161230	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
32) Benzene-d6	5.34	84	552972	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
36) 1,2-Dichloropropane-d6	6.33	67	185120	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.46%
41) Toluene-d8	7.56	98	485416	39.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.92%#
43) trans-1,3-Dichloropropene-	7.85	79	79128	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.28%
47) 2-Hexanone-d5	8.31	63	204264	97.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288928	46.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	203207	44.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.90%

Target Compounds

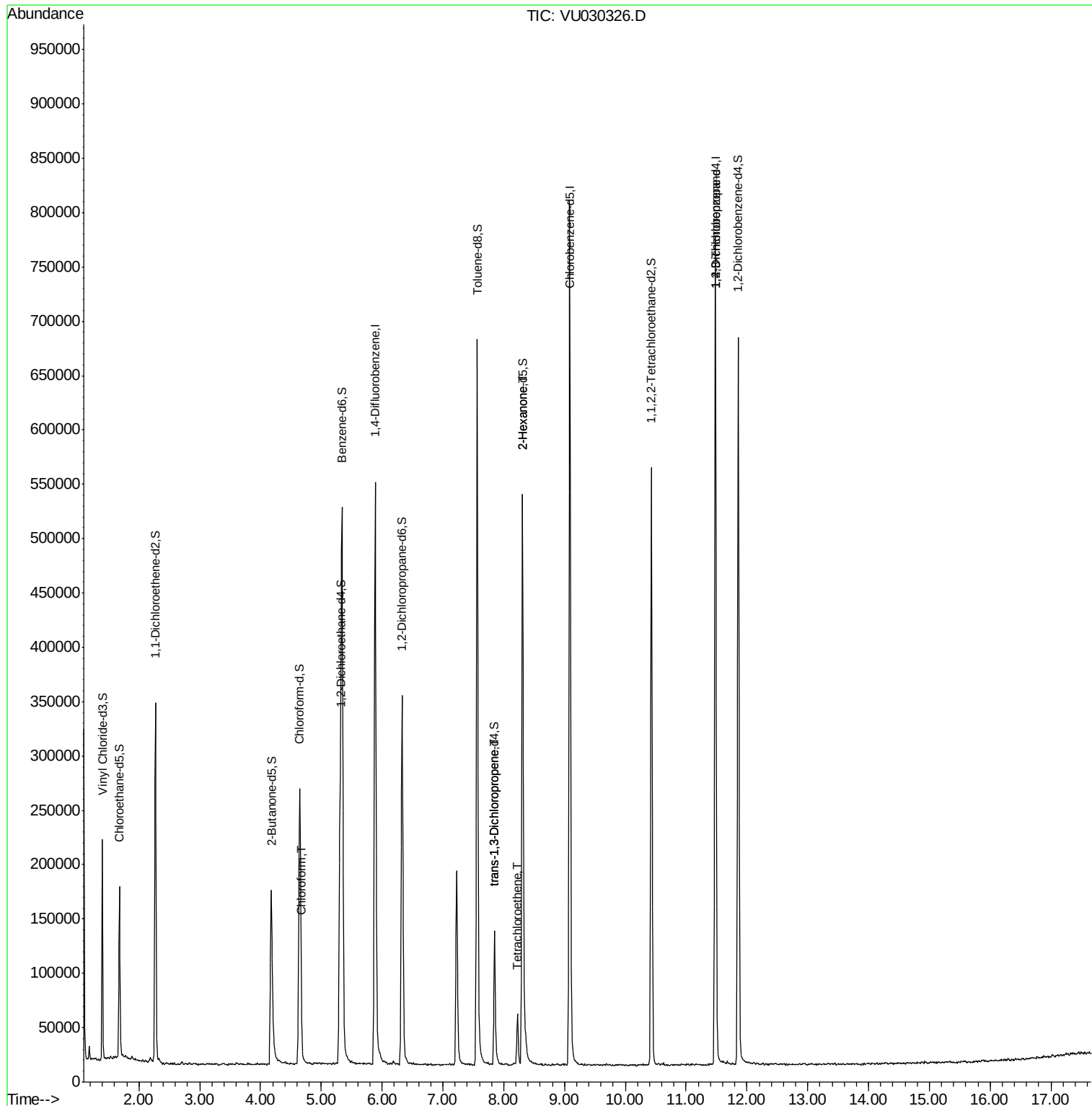
					Qvalue
25) Chloroform	4.68	83	3629	0.568 ug/L	78
44) trans-1,3-Dichloropropene	7.85	75	2886	0.567 ug/L #	59
46) Tetrachloroethene	8.22	164	11733	3.678 ug/L	95
48) 2-Hexanone	8.31	43	19738	4.717 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	23144	4.668 ug/L	95

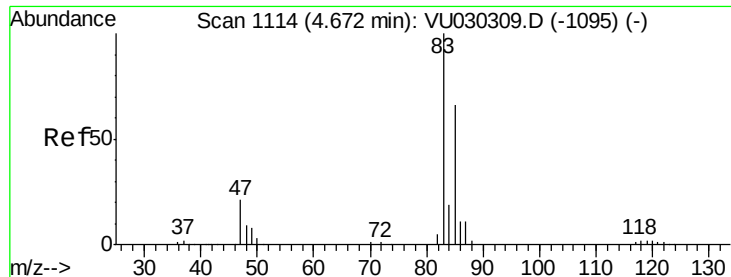
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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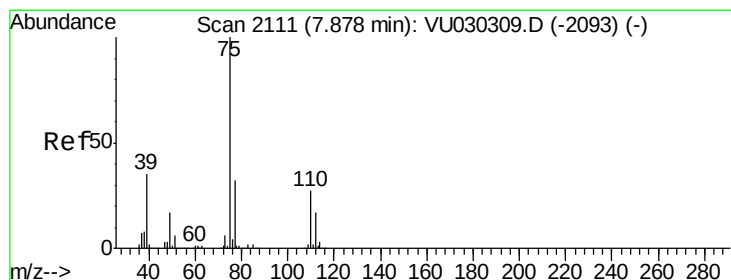
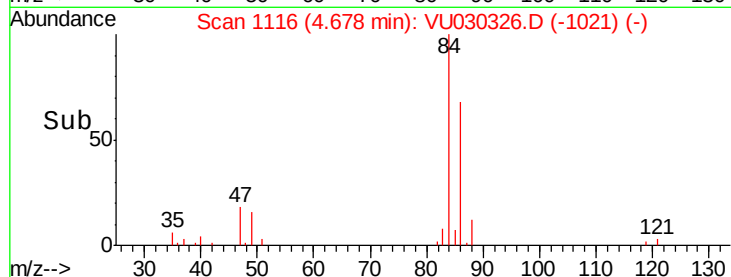
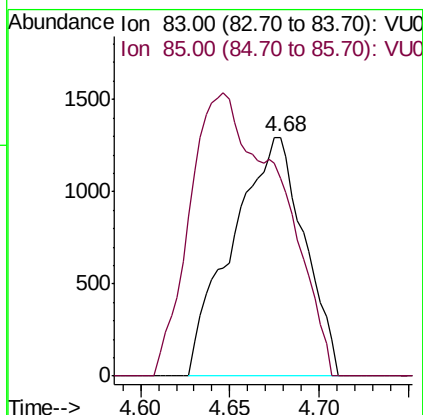
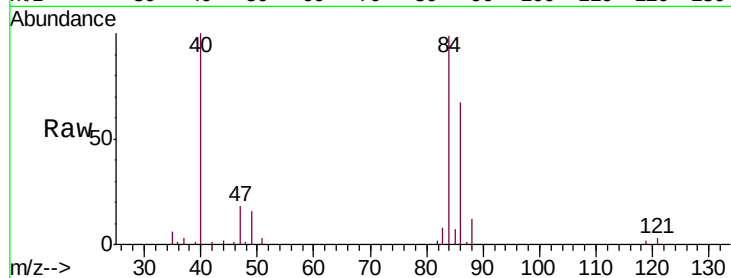




#25
Chloroform
Concen: 0.568 ug/L
RT: 4.68 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VU030326.D
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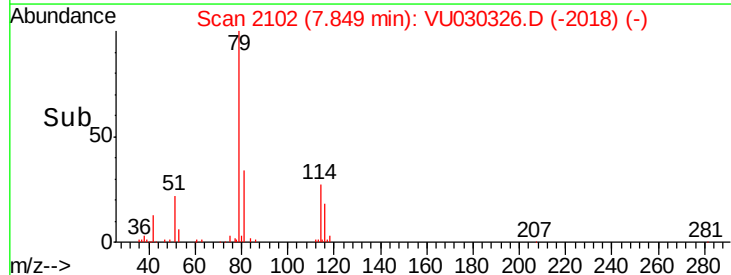
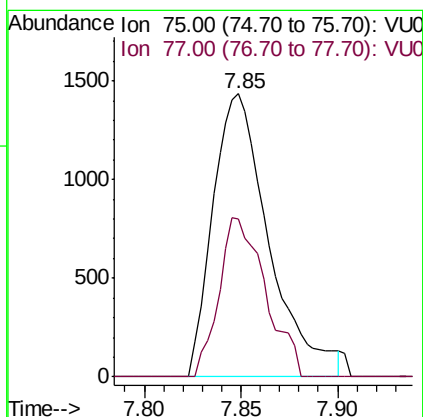
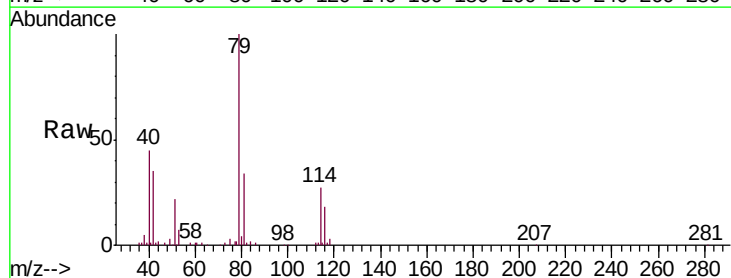
Instrument :
MSVOA_U
ClientSampleId :
BF1D7

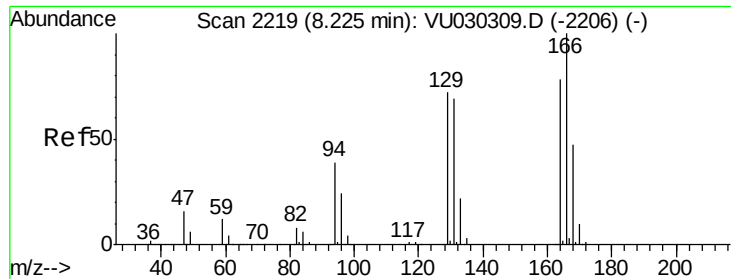
Tgt Ion: 83 Resp: 3629
Ion Ratio Lower Upper
83 100
85 82.7 45.8 85.2



#44
trans-1,3-Dichloropropene
Concen: 0.567 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030326.D
Acq: 22 Mar 2019 22:09

Tgt Ion: 75 Resp: 2886
Ion Ratio Lower Upper
75 100
77 55.6 22.7 42.1#

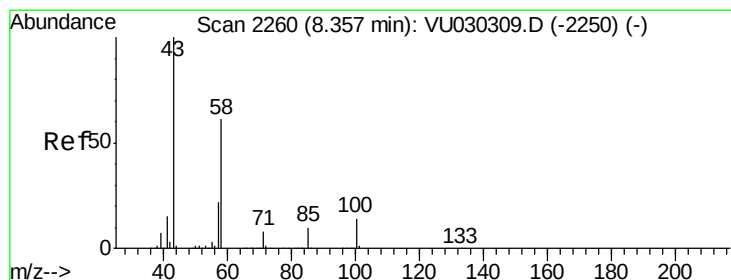
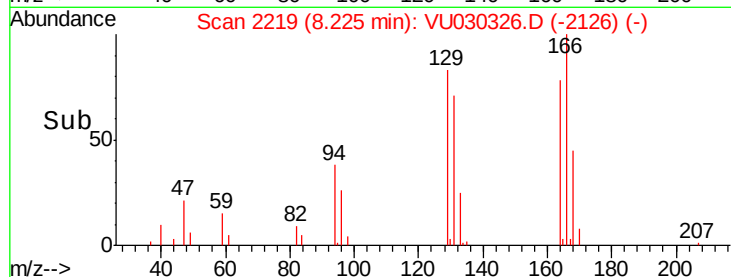
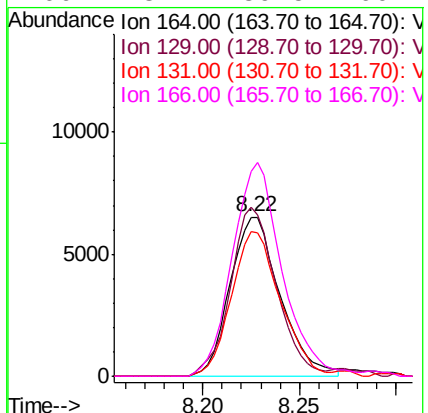
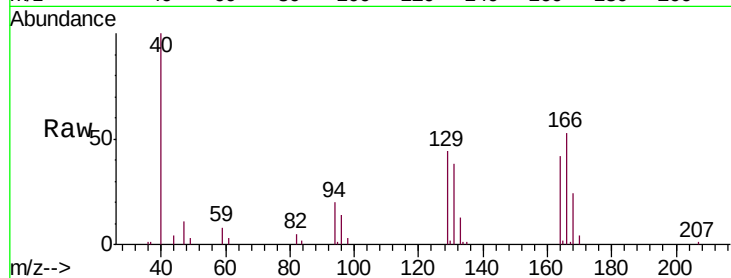




#46
Tetrachloroethene
Concen: 3.678 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030326.D
Acq: 22 Mar 2019 22:09

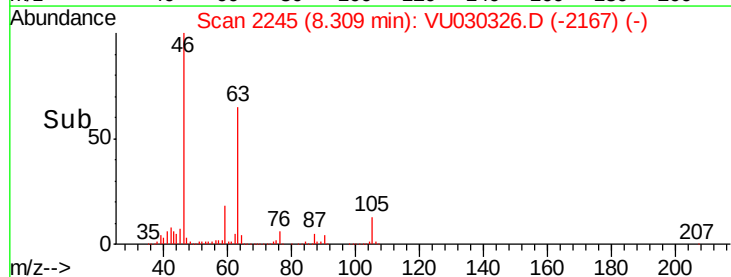
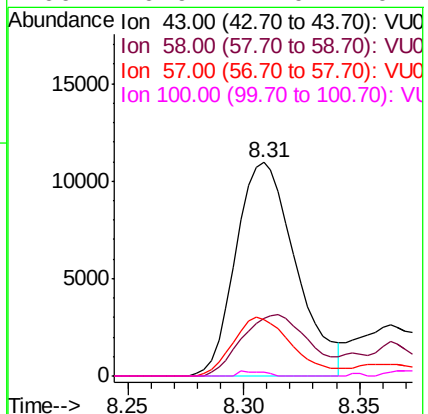
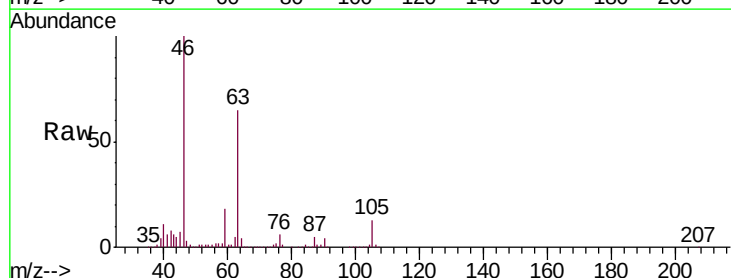
Instrument :
MSVOA_U
ClientSampleID :
BF1D7

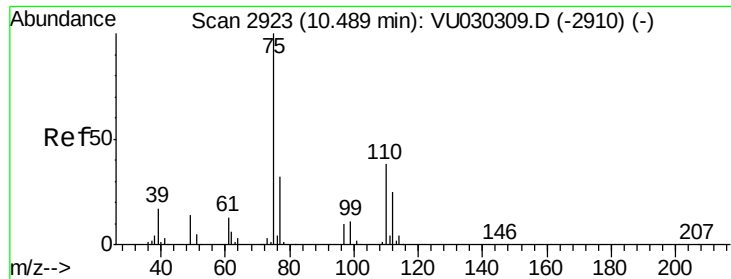
Tgt Ion:	164	Resp:	11733
Ion	Ratio	Lower	Upper
164	100		
129	106.4	64.4	119.6
131	90.6	63.2	117.4
166	128.4	89.5	166.1



#48
2-Hexanone
Concen: 4.717 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	19738
Ion	Ratio	Lower	Upper
43	100		
58	31.5	49.3	73.9#
57	27.4	17.0	25.4#
100	0.9	11.0	16.4#





#59

1,2,3-Trichloropropane

Concen: 4.668 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030326.D

Acq: 22 Mar 2019 22:09

Instrument :

MSVOA_U

ClientSampleId :

BF1D7

Tgt Ion: 75 Resp: 23144

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8

