

Data File : VU030223.D
Acq On : 20 Mar 2019 15:31
Operator : JC/SP
Sample : K2017-05 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C1

Quant Time: Mar 22 01:05:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	594818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	583738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	274107	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142111	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.66%
7) Chloroethane-d5	1.68	69	117364	36.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.98%
11) 1,1-Dichloroethene-d2	2.27	63	192685	26.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.52%#
21) 2-Butanone-d5	4.17	46	209285	70.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.14%
24) Chloroform-d	4.65	84	254352	34.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.92%#
26) 1,2-Dichloroethane-d4	5.31	65	150176	35.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.34%
32) Benzene-d6	5.34	84	547972	35.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.24%
36) 1,2-Dichloropropane-d6	6.33	67	171933	36.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.24%
41) Toluene-d8	7.56	98	497996	34.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.86%#
43) trans-1,3-Dichloropropene-	7.85	79	77343	33.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.74%
47) 2-Hexanone-d5	8.31	63	174518	70.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252430	34.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	198997	36.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.32%#

Target Compounds

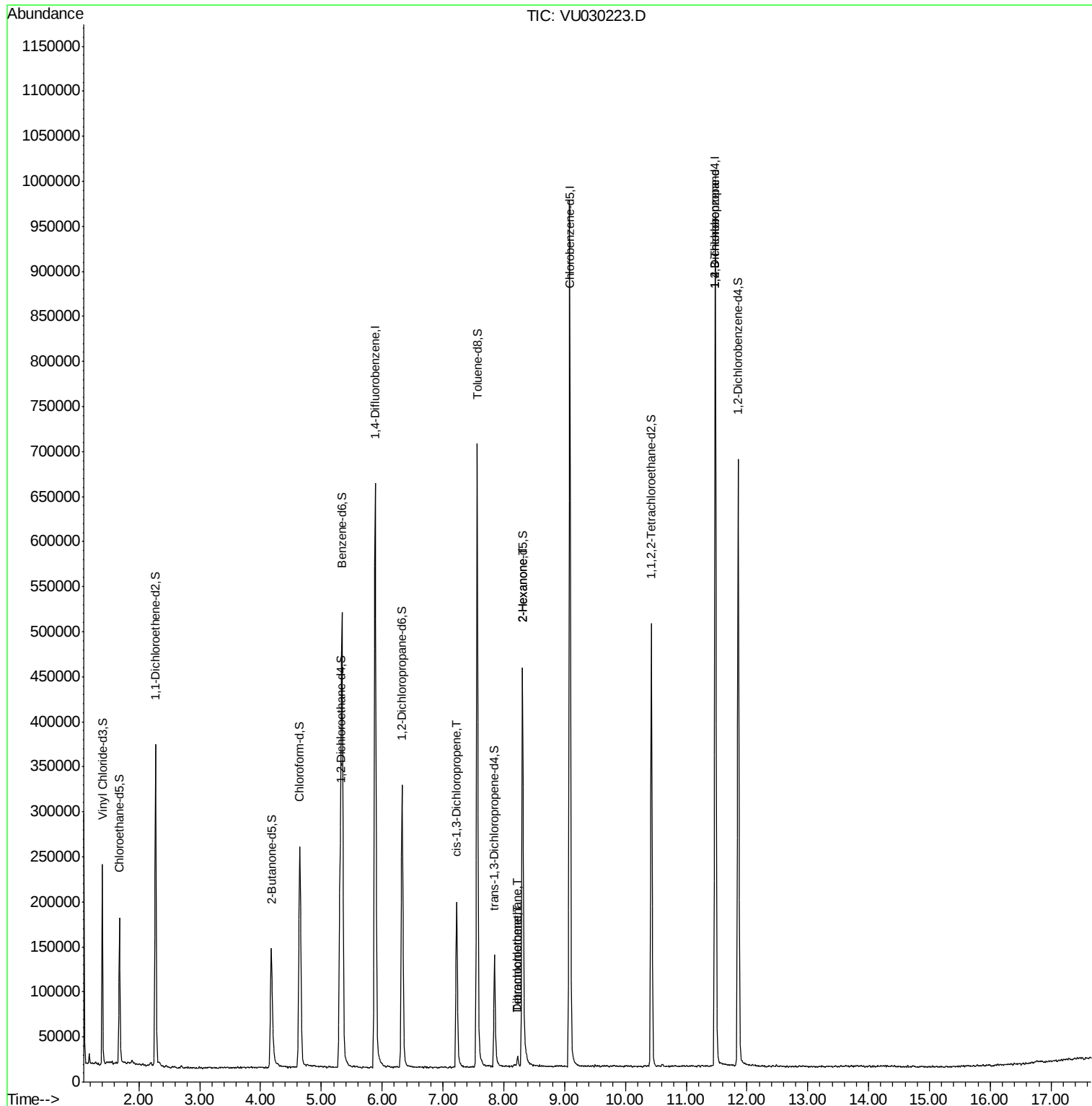
					Qvalue	
39) cis-1,3-Dichloropropene	7.23	75	3947	0.570	ug/L #	55
46) Tetrachloroethene	8.23	164	3049	0.813	ug/L	87
48) 2-Hexanone	8.31	43	16725	3.399	ug/L #	66
49) Dibromochloromethane	8.23	129	2606	0.525	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	28114	4.823	ug/L	93

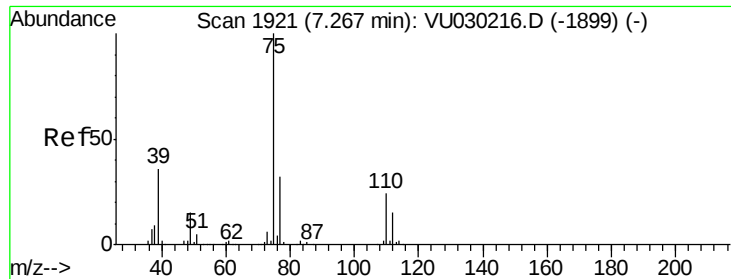
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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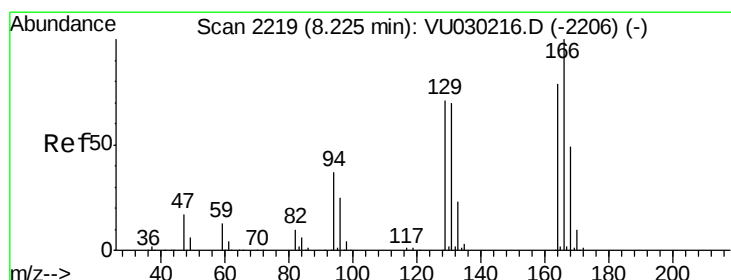
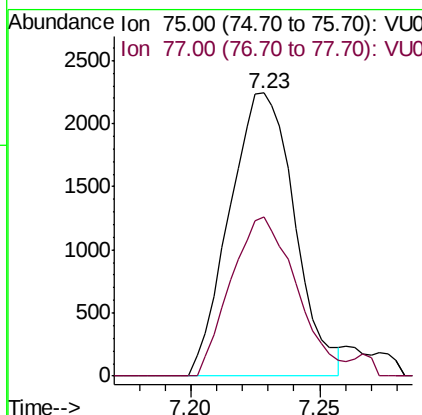
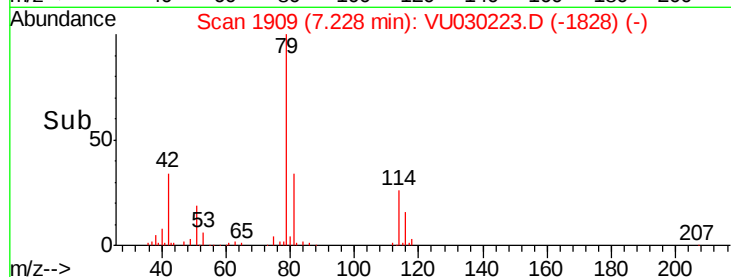
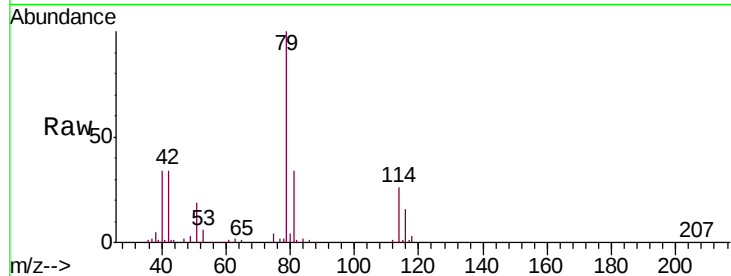




#39
 cis-1,3-Dichloropropene
 Concen: 0.570 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU030223.D
 Acq: 20 Mar 2019 15:31

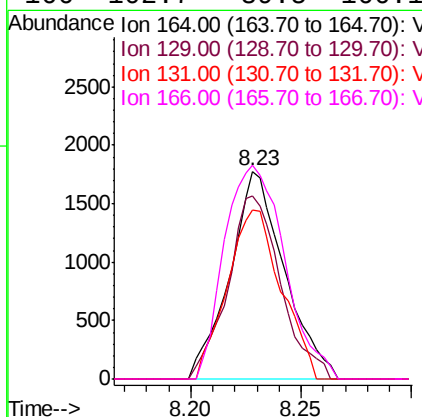
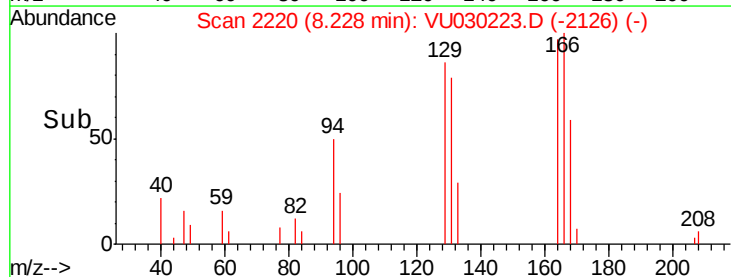
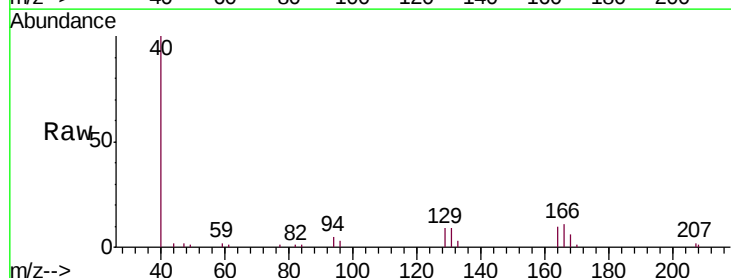
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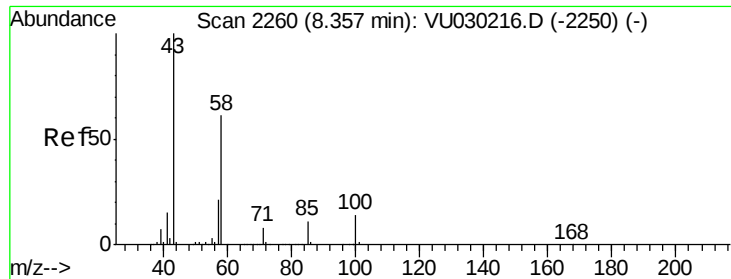
Tgt Ion: 75 Resp: 3947
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.1 41.1#



#46
 Tetrachloroethene
 Concen: 0.813 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU030223.D
 Acq: 20 Mar 2019 15:31

Tgt Ion: 164 Resp: 3049
 Ion Ratio Lower Upper
 164 100
 129 88.2 64.4 119.6
 131 81.3 63.2 117.4
 166 102.7 89.5 166.1

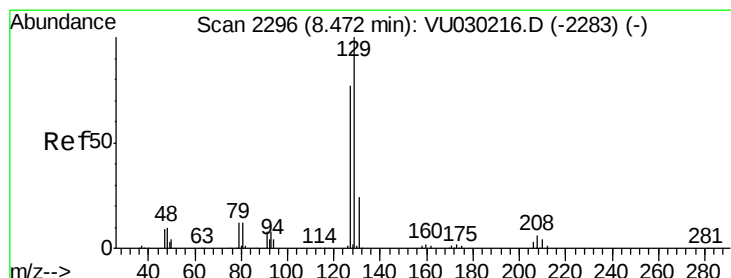
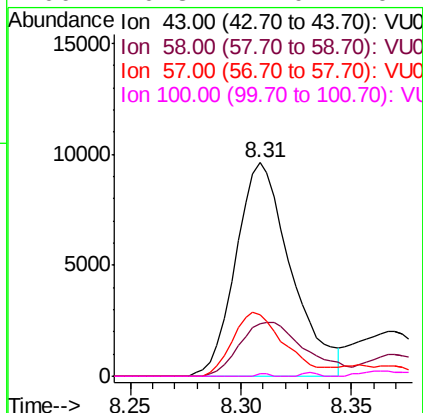
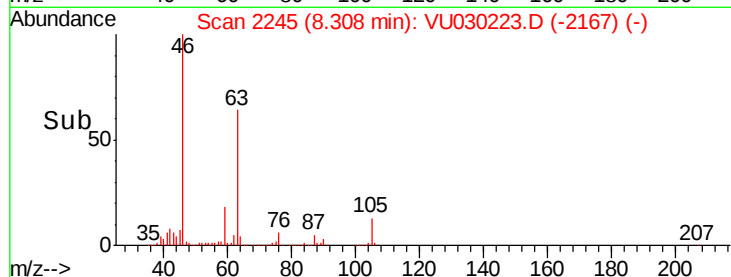
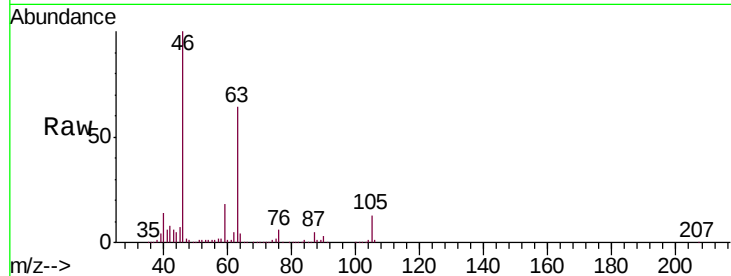




#48
2-Hexanone
Concen: 3.399 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030223.D
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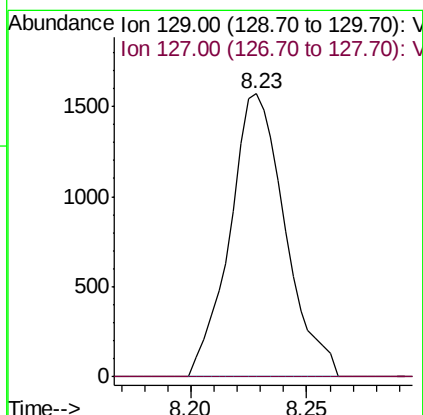
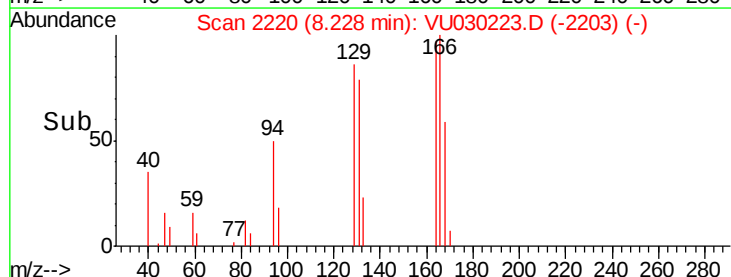
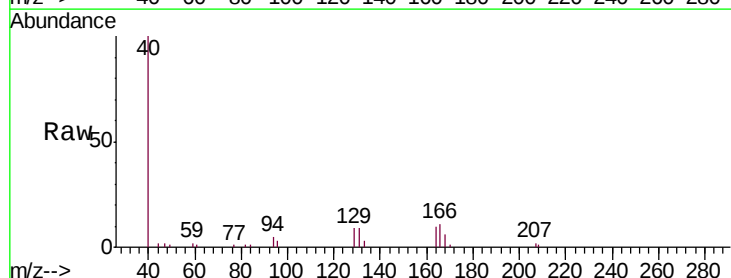
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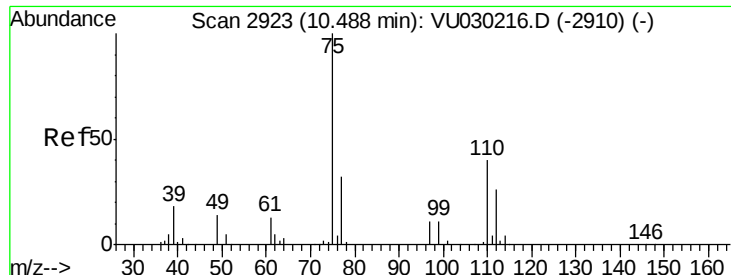
Tgt Ion: 43 Resp: 16725
Ion Ratio Lower Upper
43 100
58 30.4 49.3 73.9#
57 28.4 17.0 25.4#
100 0.3 11.0 16.4#



#49
Dibromochloromethane
Concen: 0.525 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU030223.D
Acq: 20 Mar 2019 15:31

Tgt Ion: 129 Resp: 2606
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#59

1,2,3-Trichloropropane

Concen: 4.823 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030223.D

Acq: 20 Mar 2019 15:31

Instrument :

MSVOA_U

ClientSampleId :

BF1C1

Tgt Ion: 75 Resp: 28114

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8

