

Data File : VU030318.D
Acq On : 22 Mar 2019 19:06
Operator : JC/SP
Sample : K2017-02ME
Misc : 6.42g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0D5ME

Quant Time: Mar 23 04:40:00 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	526723	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	538975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	276931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124448	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.88%
7) Chloroethane-d5	1.70	69	180	0.06	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.23	63	182545	28.09	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.18%#
21) 2-Butanone-d5	4.19	46	245071	92.75	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.75%
24) Chloroform-d	4.64	84	271613	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
26) 1,2-Dichloroethane-d4	5.30	65	162382	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
32) Benzene-d6	5.33	84	573770	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.32	67	185504	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.42%
41) Toluene-d8	7.56	98	514828	38.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.10%#
43) trans-1,3-Dichloropropene-	7.85	79	82487	38.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.10%
47) 2-Hexanone-d5	8.32	63	226146	99.23	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	328949	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	247100	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%

Target Compounds

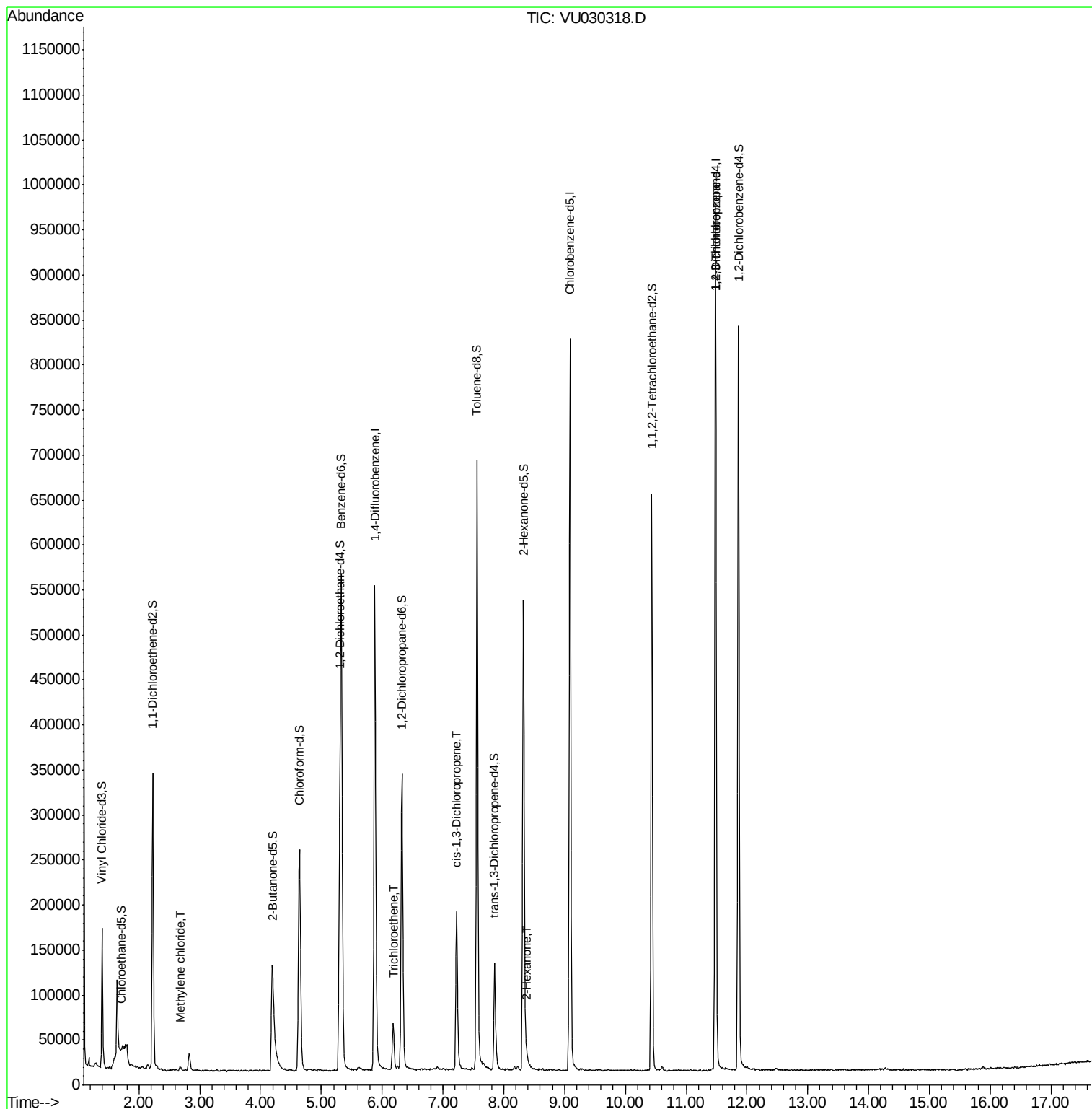
						Qvalue
16) Methylene chloride	2.68	84	2444	0.613	ug/L	82
34) Trichloroethene	6.18	95	19380	4.728	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4221	0.661	ug/L #	52
48) 2-Hexanone	8.38	43	7527	1.657	ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	28465	5.288	ug/L	94

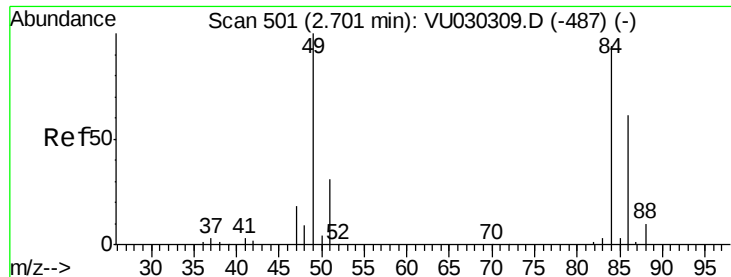
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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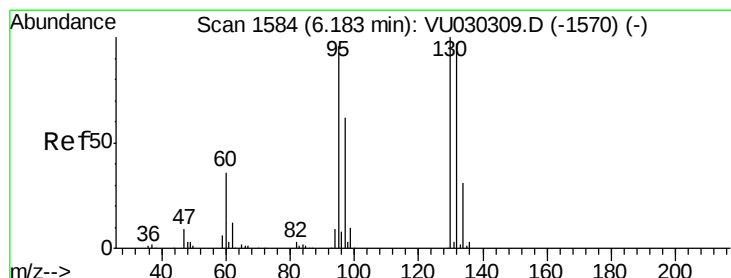
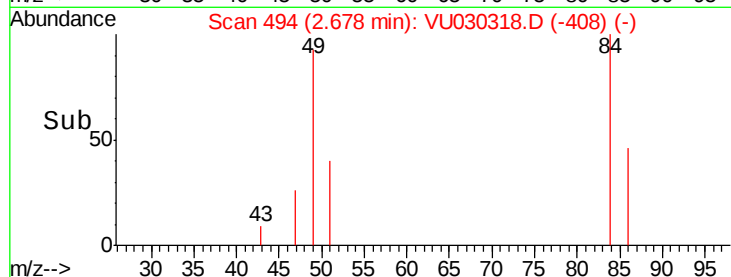
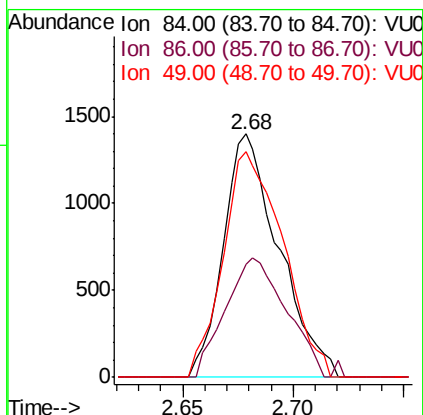
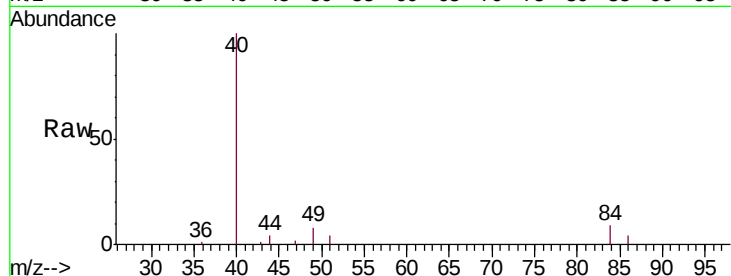




#16
Methylene chloride
Concen: 0.613 ug/L
RT: 2.68 min Scan# 494
Delta R.T. -0.02 min
Lab File: VU030318.D
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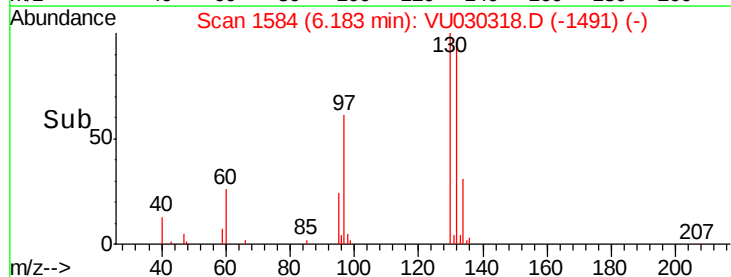
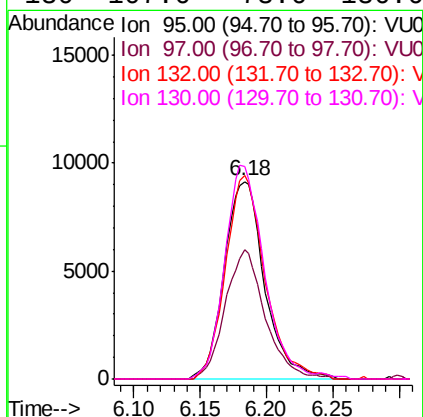
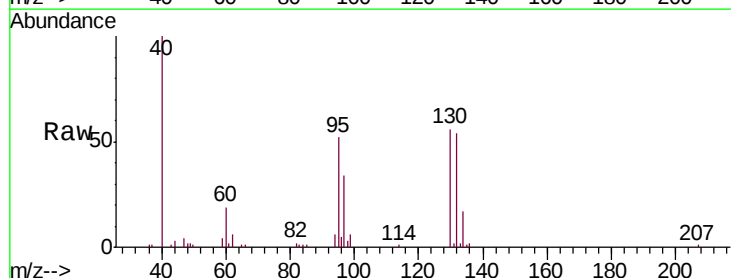
Instrument :
MSVOA_U
ClientSampleId :
BF0D5ME

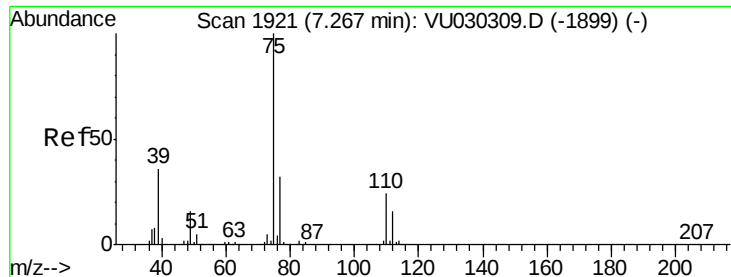
Tgt Ion: 84 Resp: 2444
Ion Ratio Lower Upper
84 100
86 46.3 45.6 84.6
49 92.6 75.2 139.6



#34
Trichloroethene
Concen: 4.728 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU030318.D
Acq: 22 Mar 2019 19:06

Tgt Ion: 95 Resp: 19380
Ion Ratio Lower Upper
95 100
97 65.6 46.2 85.8
132 103.3 69.3 128.7
130 107.6 73.6 136.6

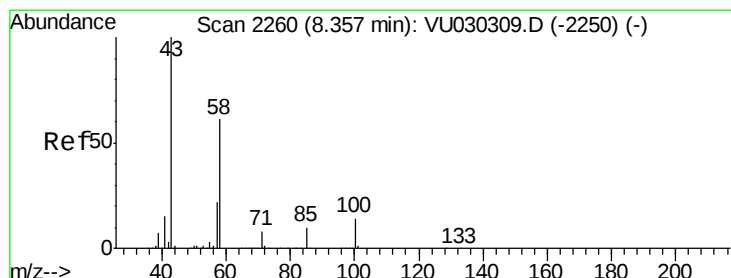
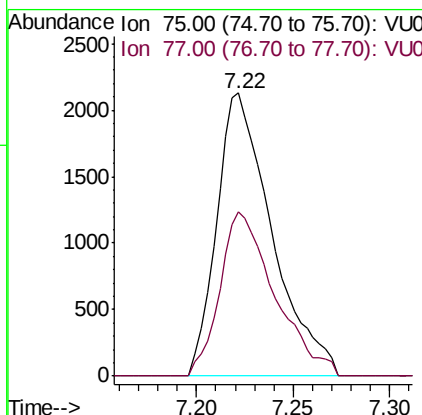
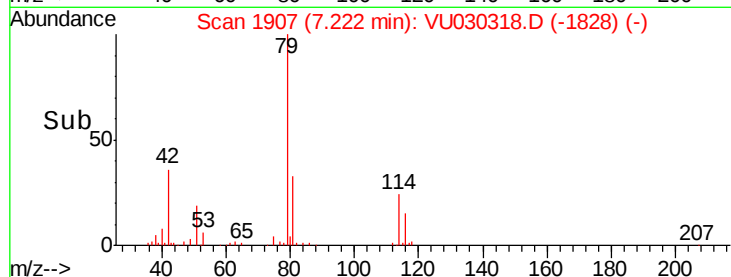
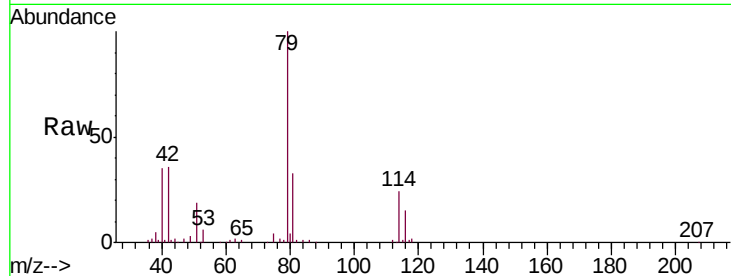




#39
 cis-1,3-Dichloropropene
 Concen: 0.661 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU030318.D
 Acq: 22 Mar 2019 19:06

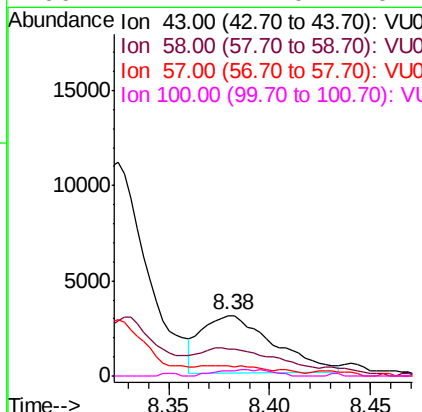
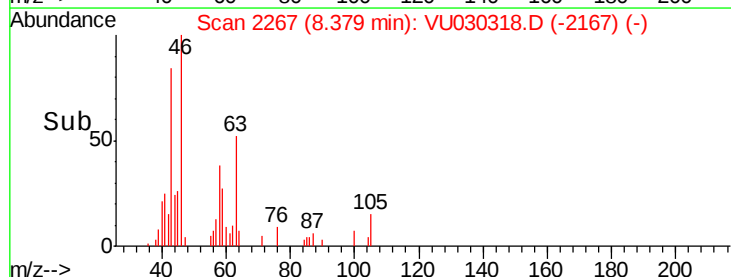
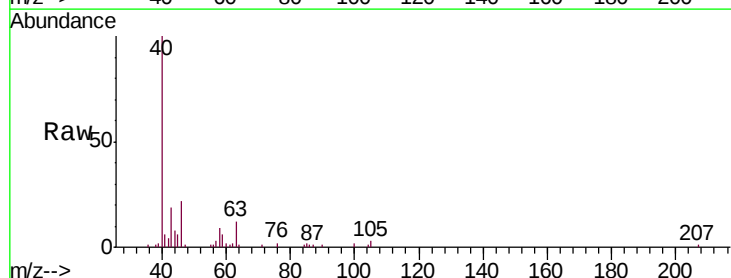
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D5ME

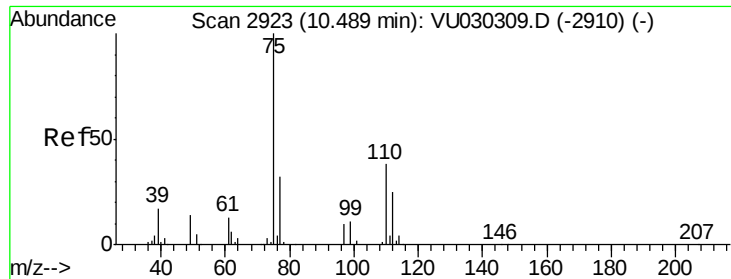
Tgt Ion: 75 Resp: 4221
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.1 41.1#



#48
 2-Hexanone
 Concen: 1.657 ug/L
 RT: 8.38 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: VU030318.D
 Acq: 22 Mar 2019 19:06

Tgt Ion: 43 Resp: 7527
 Ion Ratio Lower Upper
 43 100
 58 32.4 49.3 73.9#
 57 1.5 17.0 25.4#
 100 2.7 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.288 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030318.D

Acq: 22 Mar 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

BF0D5ME

Tgt Ion: 75 Resp: 28465

Ion Ratio Lower Upper

75 100

77 35.4 25.8 38.8

