

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031095.D
 Acq On : 12 Apr 2019 01:46
 Operator : JC/SP
 Sample : K2339-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC47

Quant Time: Apr 12 07:29:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171400	36.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.44%
7) Chloroethane-d5	1.68	69	149199	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.24%
11) 1,1-Dichloroethene-d2	2.27	63	244336	28.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.88%#
21) 2-Butanone-d5	4.17	46	348232	94.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.13%
24) Chloroform-d	4.64	84	322728	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.30	65	222899	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.33	84	628391	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
36) 1,2-Dichloropropane-d6	6.32	67	222083	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.56	98	525743	39.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.82%#
43) trans-1,3-Dichloropropene-	7.85	79	90782	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
47) 2-Hexanone-d5	8.31	63	189534	80.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315046	45.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	203961	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

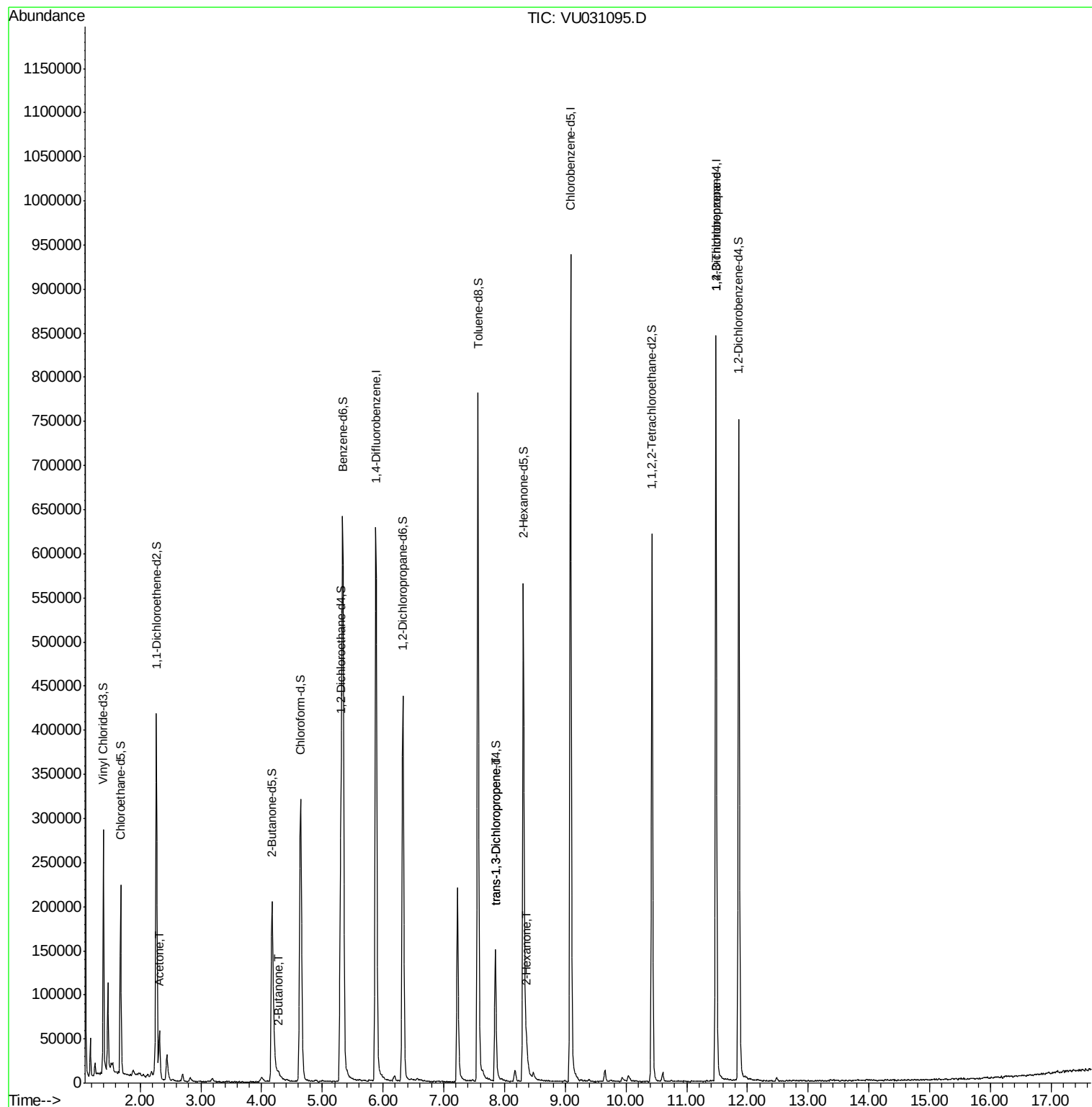
					Ovalue
13) Acetone	2.32	43	55105	14.557 ug/L	99
22) 2-Butanone	4.28	43	16409	3.697 ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	3718	0.620 ug/L #	68
48) 2-Hexanone	8.36	43	13824	2.307 ug/L #	97
59) 1,2,3-Trichloropropane	11.48	75	27609	4.826 ug/L	93

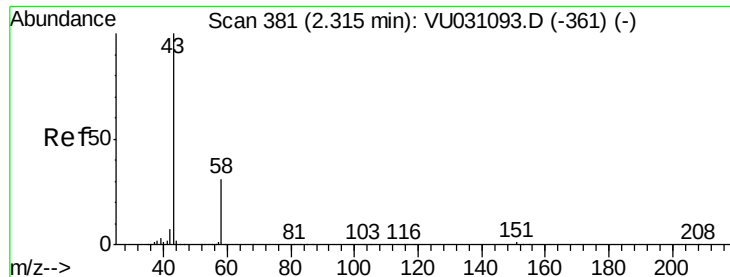
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.557 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031095.D

Acq: 12 Apr 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

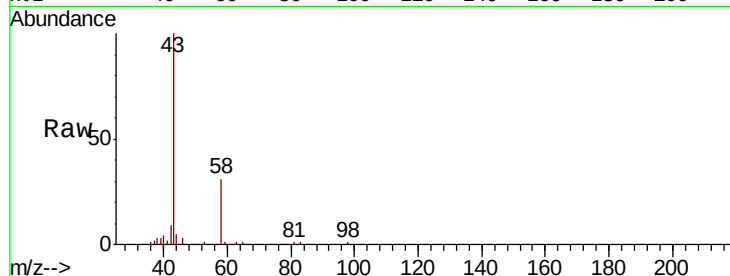
BFC47

Tot Ion: 43 Resp: 55105

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031093.D (-361) (-)

2.32

40000

30000

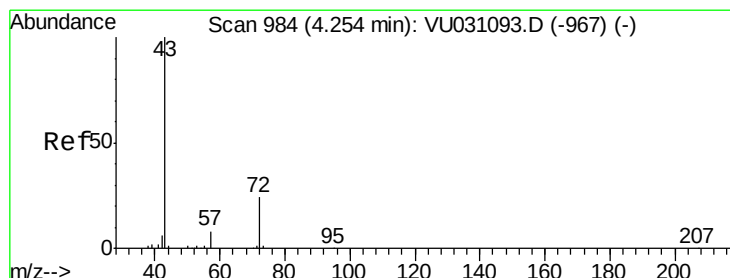
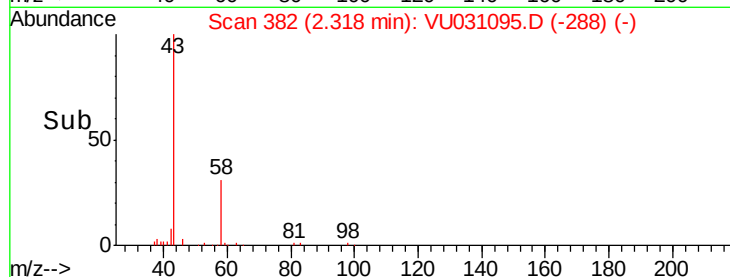
20000

10000

0

Time-->

2.25 2.30 2.35 2.40



#22

2-Butanone

Concen: 3.697 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.03 min

Lab File: VU031095.D

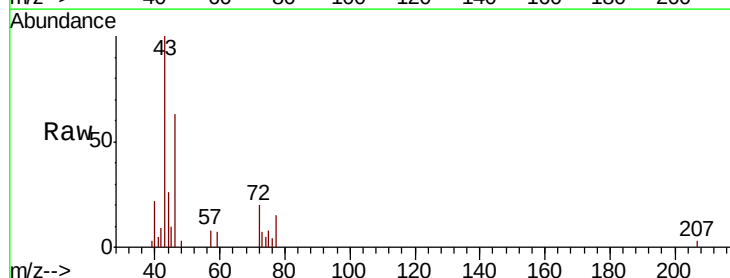
Acq: 12 Apr 2019 01:46

Tgt Ion: 43 Resp: 16409

Ion Ratio Lower Upper

43 100

72 13.7 10.8 32.4



Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-967) (-)

Ion 72.00 (71.70 to 72.70): VU031093.D (-967) (-)

4.28

5000

4000

3000

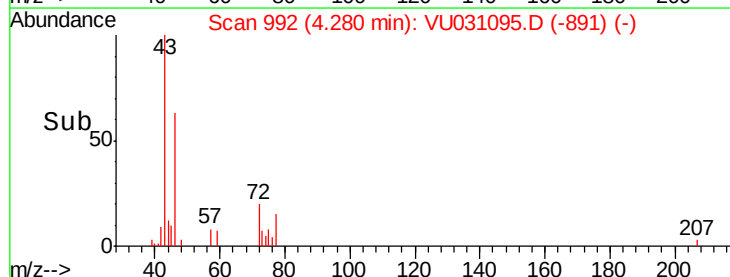
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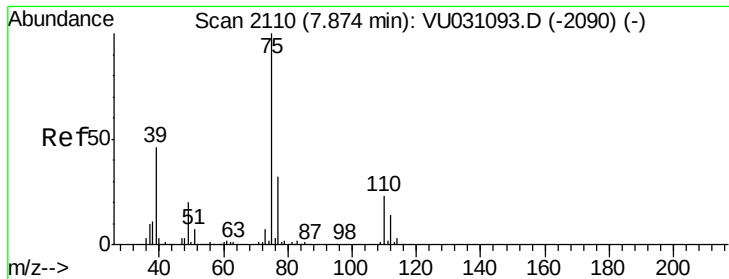
1000

0

Time-->

4.20 4.30 4.40

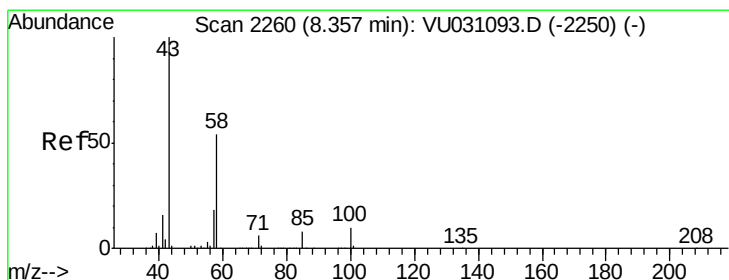
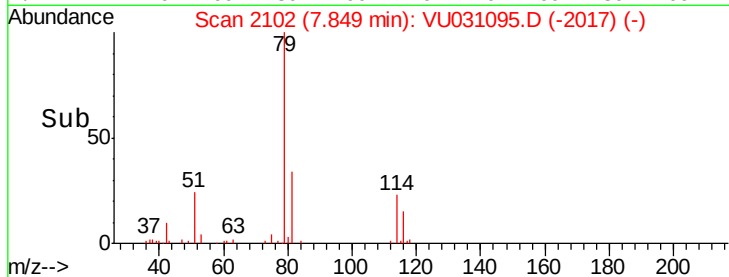
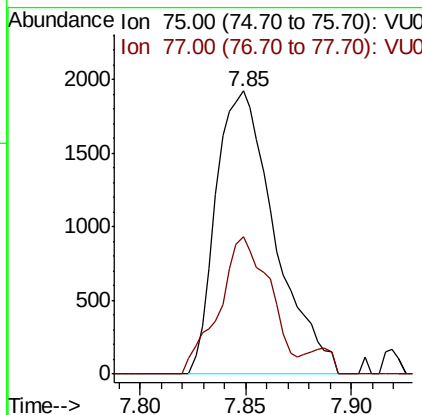
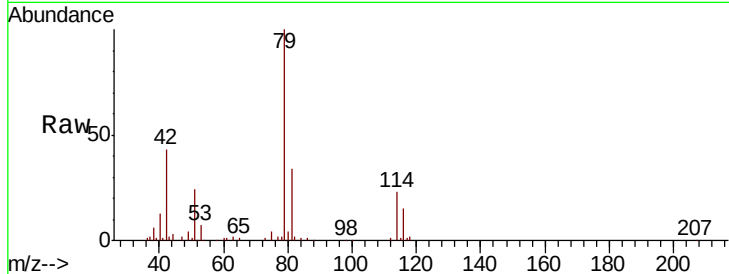




#44
trans-1,3-Dichloropropene
Concen: 0.620 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031095.D
Acq: 12 Apr 2019 01:46

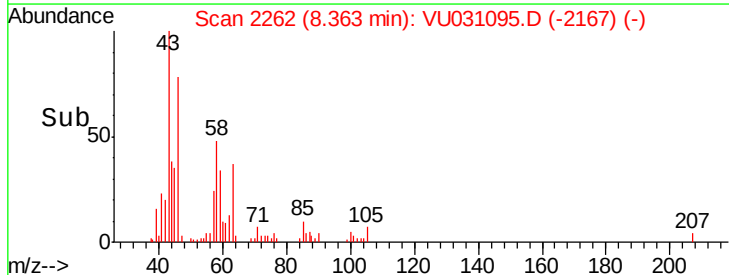
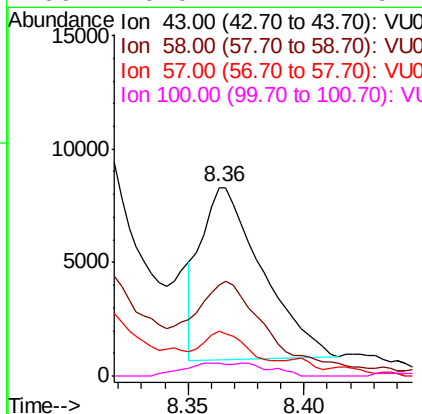
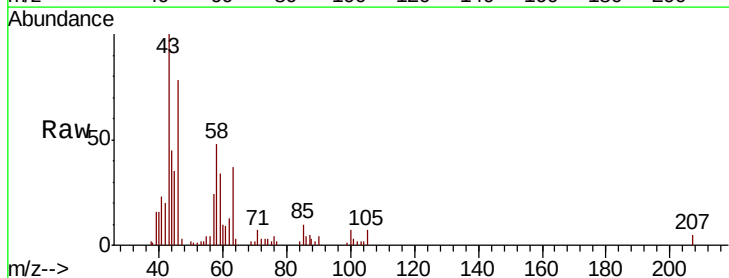
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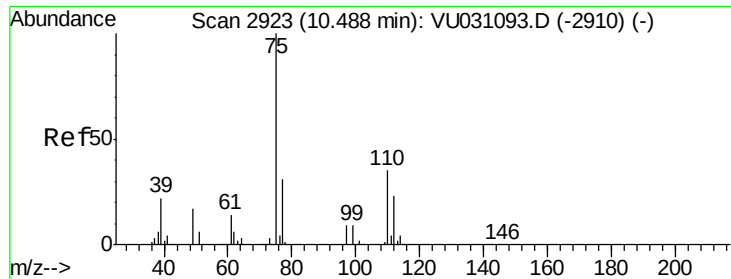
Tot Ion: 75 Resp: 3718
Ion Ratio Lower Upper
75 100
77 48.4 21.6 40.0#



#48
2-Hexanone
Concen: 2.307 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031095.D
Acq: 12 Apr 2019 01:46

Tgt Ion: 43 Resp: 13824
Ion Ratio Lower Upper
43 100
58 53.6 41.9 62.9
57 15.6 14.3 21.5
100 6.0 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.826 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031095.D

Acq: 12 Apr 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

BFC47

Tot Ion: 75 Resp: 27609

Ion Ratio Lower Upper

75 100

77 36.5 26.1 39.1

