

Data File : VU030490.D
Acq On : 27 Mar 2019 17:57
Operator : JC/SP
Sample : K2122-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5E1

Quant Time: Mar 28 02:48:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	424113	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	395915	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	158246	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154695	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.64%
7) Chloroethane-d5	1.68	69	122937	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.88%
11) 1,1-Dichloroethene-d2	2.27	63	217478	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	4.18	46	259473	80.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.87%
24) Chloroform-d	4.65	84	256921	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
26) 1,2-Dichloroethane-d4	5.31	65	171157	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.34	84	517851	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
36) 1,2-Dichloropropane-d6	6.33	67	184346	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.56	98	460909	45.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	79960	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.31	63	160818	76.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	239972	43.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	148200	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%

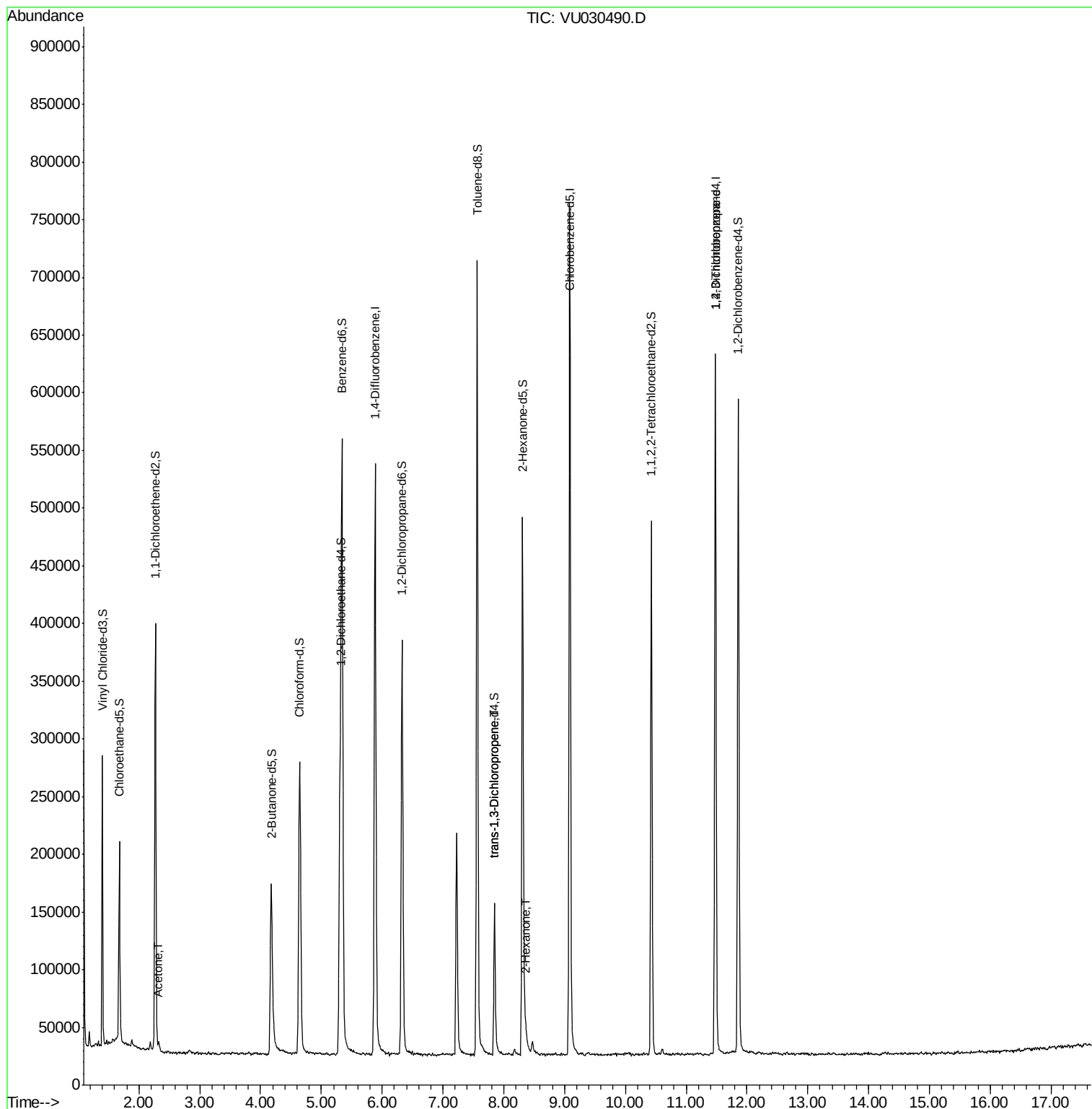
Target Compounds					Qvalue
13) Acetone	2.32	43	4416	1.361 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3397	0.702 ug/L	98
48) 2-Hexanone	8.37	43	5191	0.986 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	21874	4.699 ug/L	94

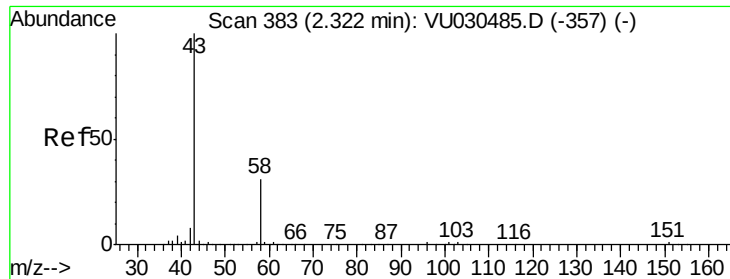
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.361 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

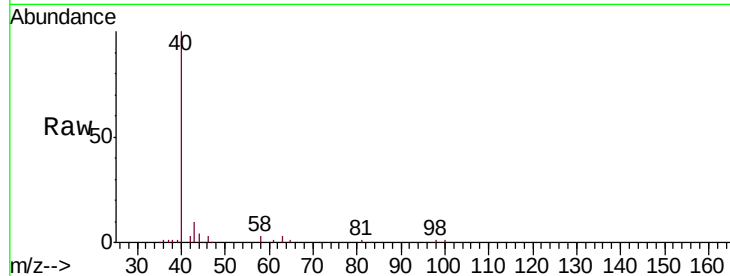
BF5E1

Tgt Ion: 43 Resp: 4416

Ion Ratio Lower Upper

43 100

58 29.0 0.0 62.8



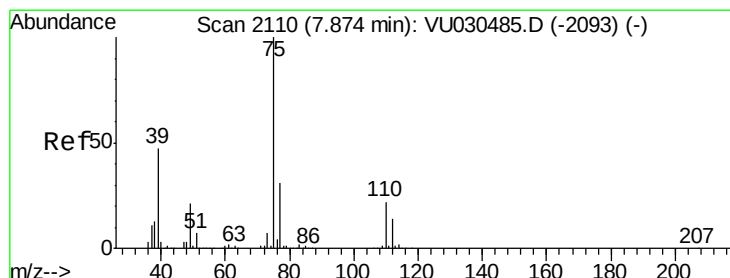
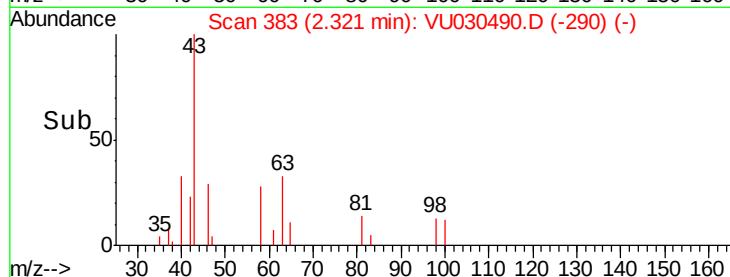
Abundance Ion 43.00 (42.70 to 43.70): VU030485.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU030485.D (-357) (-)

2.32

2.30 2.35

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030490.D

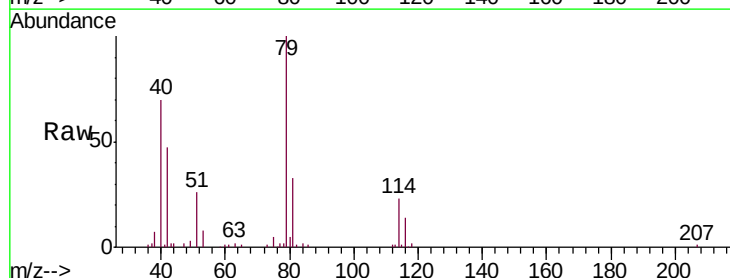
Acq: 27 Mar 2019 17:57

Tgt Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8



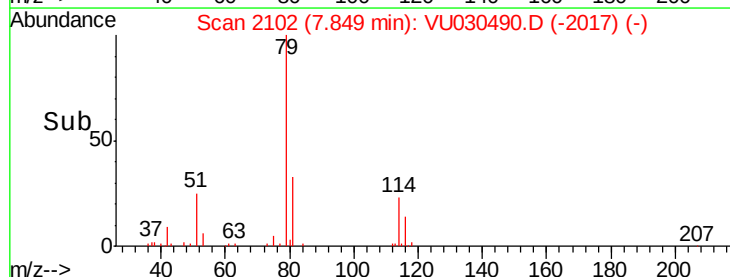
Abundance Ion 75.00 (74.70 to 75.70): VU030485.D (-2093) (-)

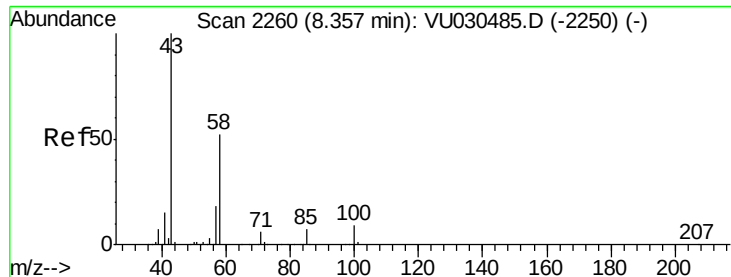
Ion 77.00 (76.70 to 77.70): VU030485.D (-2093) (-)

7.85

7.80 7.90

Time-->

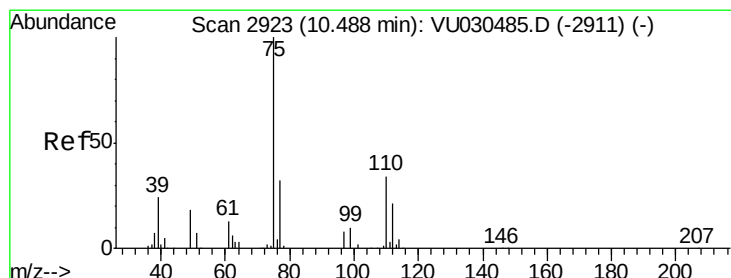
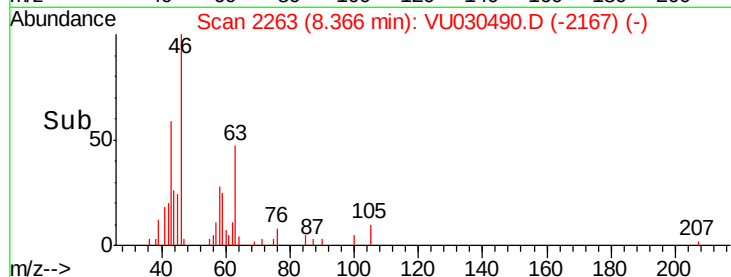
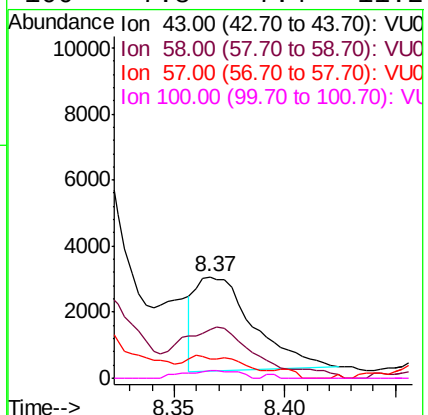
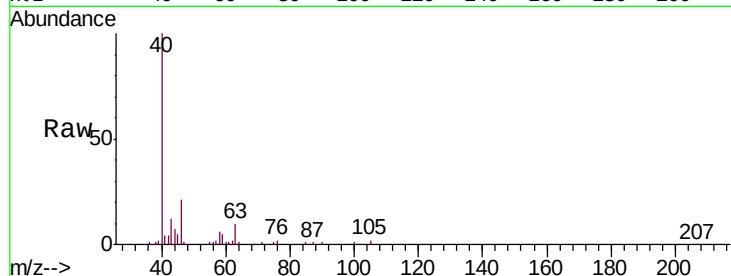




#48
 2-Hexanone
 Concen: 0.986 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
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 MSVOA_U
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 BF5E1

Tgt Ion: 43 Resp: 5191
 Ion Ratio Lower Upper
 43 100
 58 54.4 42.5 63.7
 57 3.4 15.0 22.6#
 100 7.8 7.4 11.2



#59
 1,2,3-Trichloropropane
 Concen: 4.699 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030490.D
 Acq: 27 Mar 2019 17:57

Tgt Ion: 75 Resp: 21874
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.4 38.2

