

Data File : VU029791.D
Acq On : 04 Mar 2019 18:26
Operator : JC/SP
Sample : K1661-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC71

Quant Time: Mar 05 01:31:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489860	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	468706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133687	37.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.48%
7) Chloroethane-d5	1.68	69	112799	35.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.70%
11) 1,1-Dichloroethene-d2	2.27	63	186545	26.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.18%#
21) 2-Butanone-d5	4.17	46	224277	102.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.67%
24) Chloroform-d	4.65	84	235048	40.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.74%
26) 1,2-Dichloroethane-d4	5.31	65	143911	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.08%
32) Benzene-d6	5.34	84	504737	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.33	67	154589	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.14%
41) Toluene-d8	7.56	98	468410	38.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.84%#
43) trans-1,3-Dichloropropene-	7.85	79	69882	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
47) 2-Hexanone-d5	8.31	63	198251	100.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241410	40.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	183320	39.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.16%#

Target Compounds

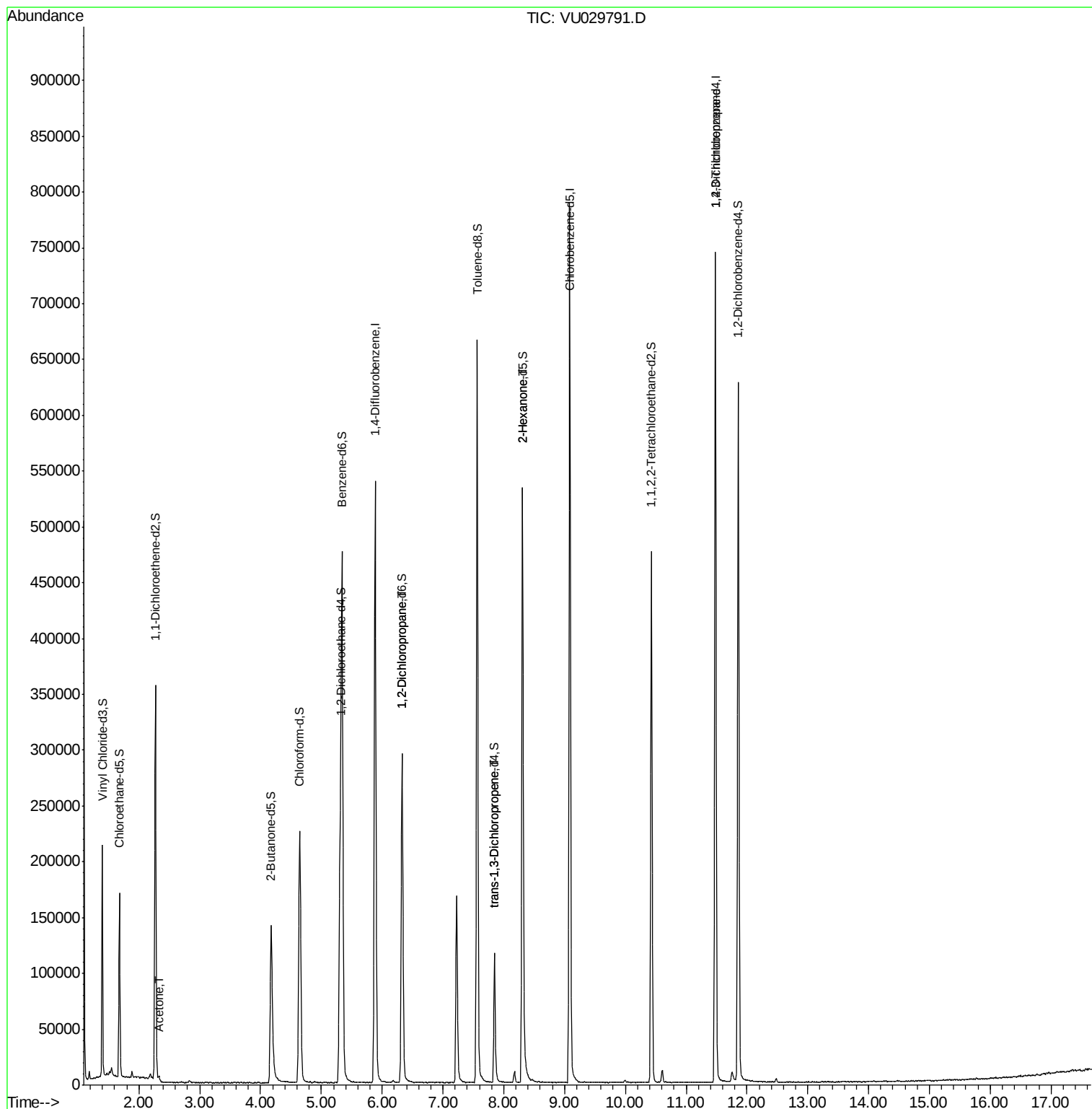
					Qvalue
13) Acetone	2.32	43	2858	1.224 ug/L	91
37) 1,2-Dichloropropane	6.33	63	15215	4.823 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	2832	0.590 ug/L	91
48) 2-Hexanone	8.31	43	21334	5.505 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	21426	4.764 ug/L	93

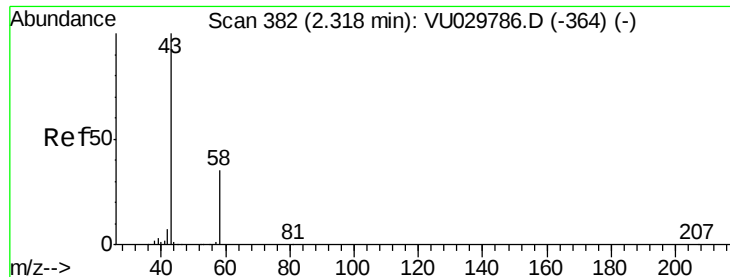
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.224 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 04 Mar 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

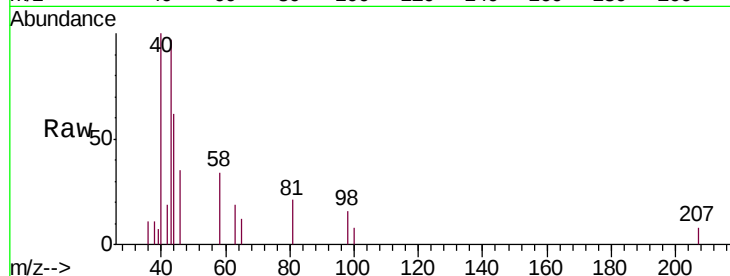
BFC71

Tgt Ion: 43 Resp: 2858

Ion Ratio Lower Upper

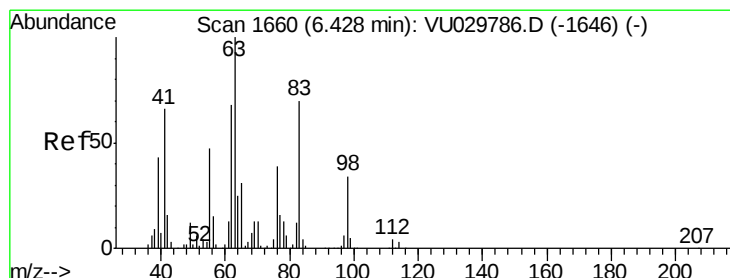
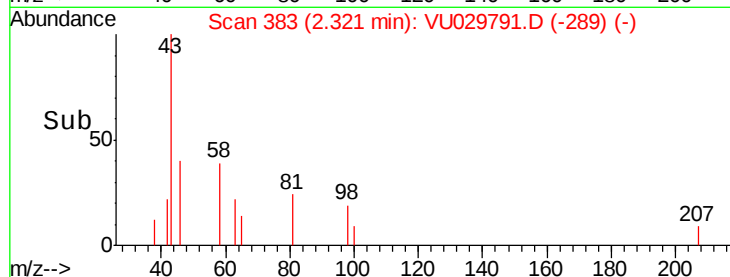
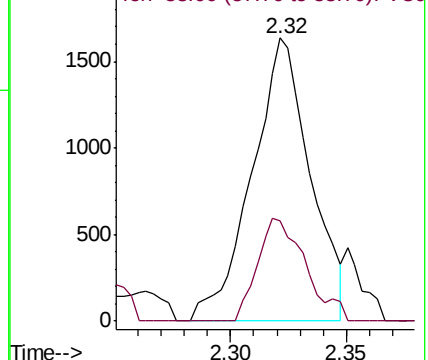
43 100

58 28.3 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 4.823 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029791.D

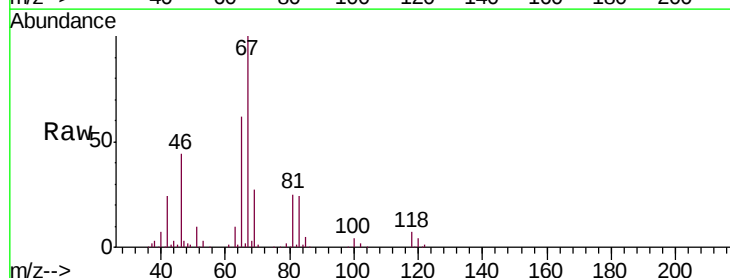
Acq: 04 Mar 2019 18:26

Tgt Ion: 63 Resp: 15215

Ion Ratio Lower Upper

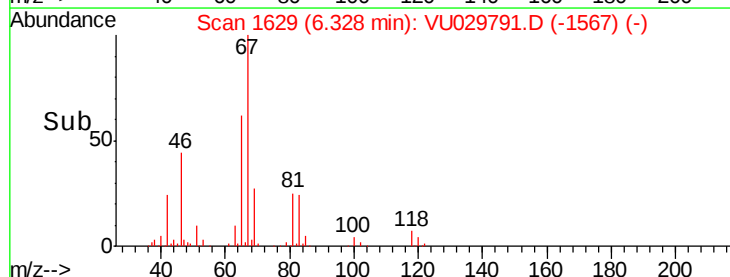
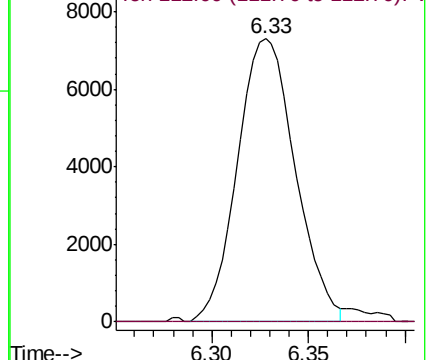
63 100

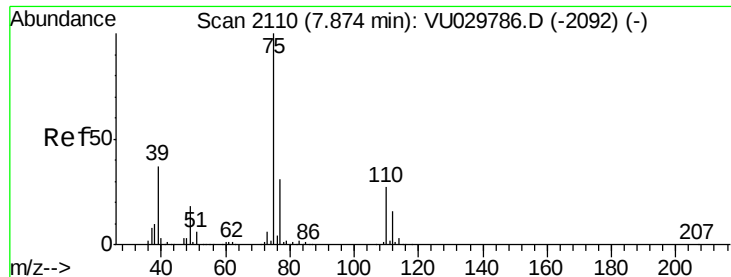
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

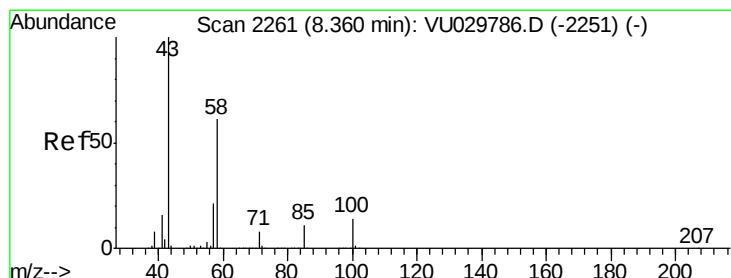
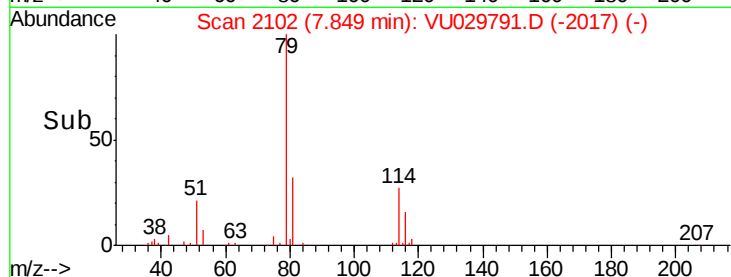
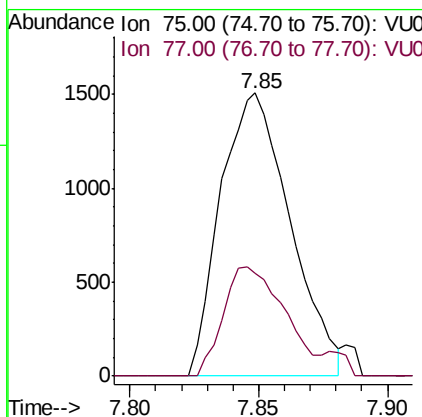
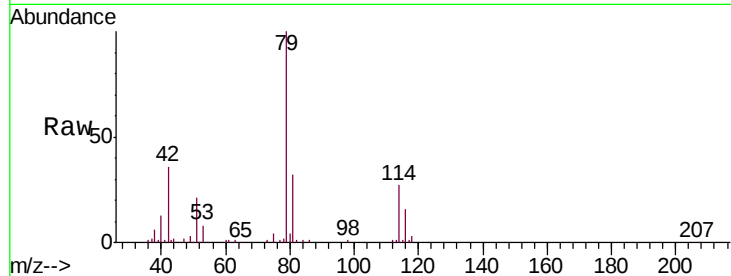




#44
trans-1,3-Dichloropropene
Concen: 0.590 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029791.D
Acq: 04 Mar 2019 18:26

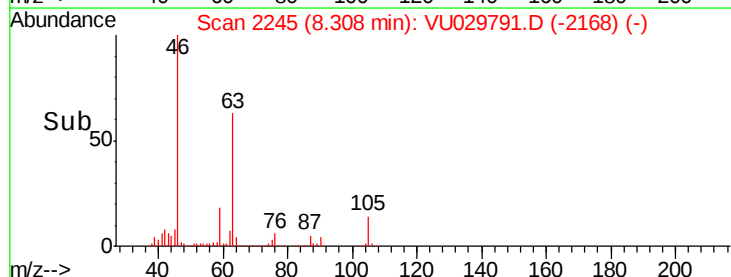
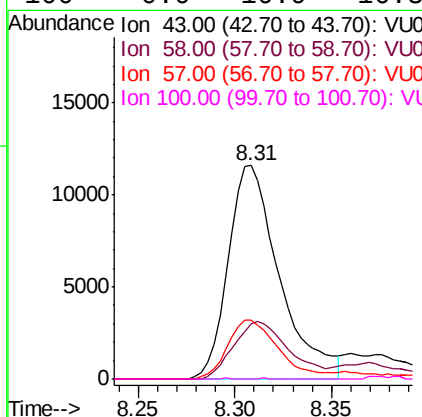
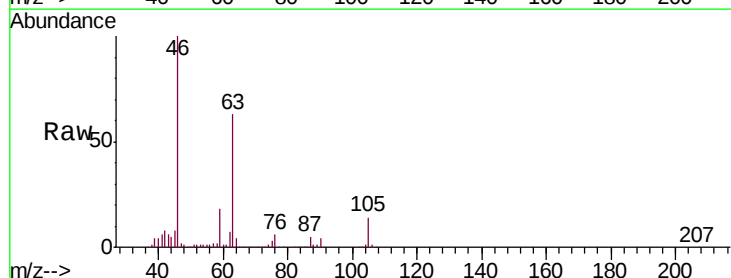
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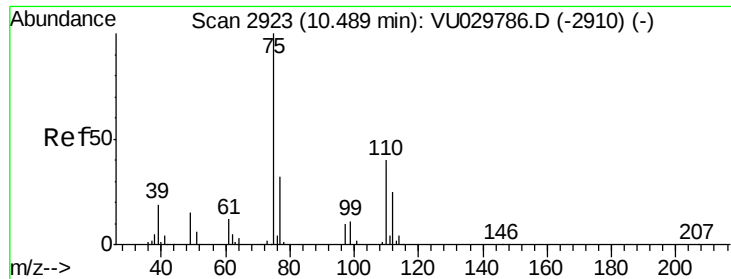
Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
77 36.4 22.1 41.1



#48
2-Hexanone
Concen: 5.505 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029791.D
Acq: 04 Mar 2019 18:26

Tgt Ion: 43 Resp: 21334
Ion Ratio Lower Upper
43 100
58 29.1 46.4 69.6#
57 28.0 15.7 23.5#
100 0.0 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 4.764 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029791.D

Acq: 04 Mar 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

BFC71

Tgt Ion: 75 Resp: 21426

Ion Ratio Lower Upper

75 100

77 36.2 25.7 38.5

