

Data File : VU030036.D
Acq On : 13 Mar 2019 17:54
Operator : JC/SP
Sample : K1838-17
Misc : 5.47g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF179

Quant Time: Mar 14 03:53:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	673650	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	671422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	357858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65612	14.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	29.44%#
7) Chloroethane-d5	1.64	69	30960	8.61	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	17.22%#
11) 1,1-Dichloroethene-d2	2.32	63	159	0.02	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.20	46	116219	34.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	34.81%#
24) Chloroform-d	4.64	84	131120	16.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	32.80%#
26) 1,2-Dichloroethane-d4	5.30	65	81010	17.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	35.08%#
32) Benzene-d6	5.33	84	279437	16.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	32.34%#
36) 1,2-Dichloropropane-d6	6.32	67	88647	16.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	33.52%#
41) Toluene-d8	7.56	98	251452	15.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	31.08%#
43) trans-1,3-Dichloropropene-	7.85	79	38873	15.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	30.34%#
47) 2-Hexanone-d5	8.33	63	109796	37.10	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	37.10%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158902	19.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	39.10%#
64) 1,2-Dichlorobenzene-d4	11.86	152	122599	17.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	35.36%#

Target Compounds

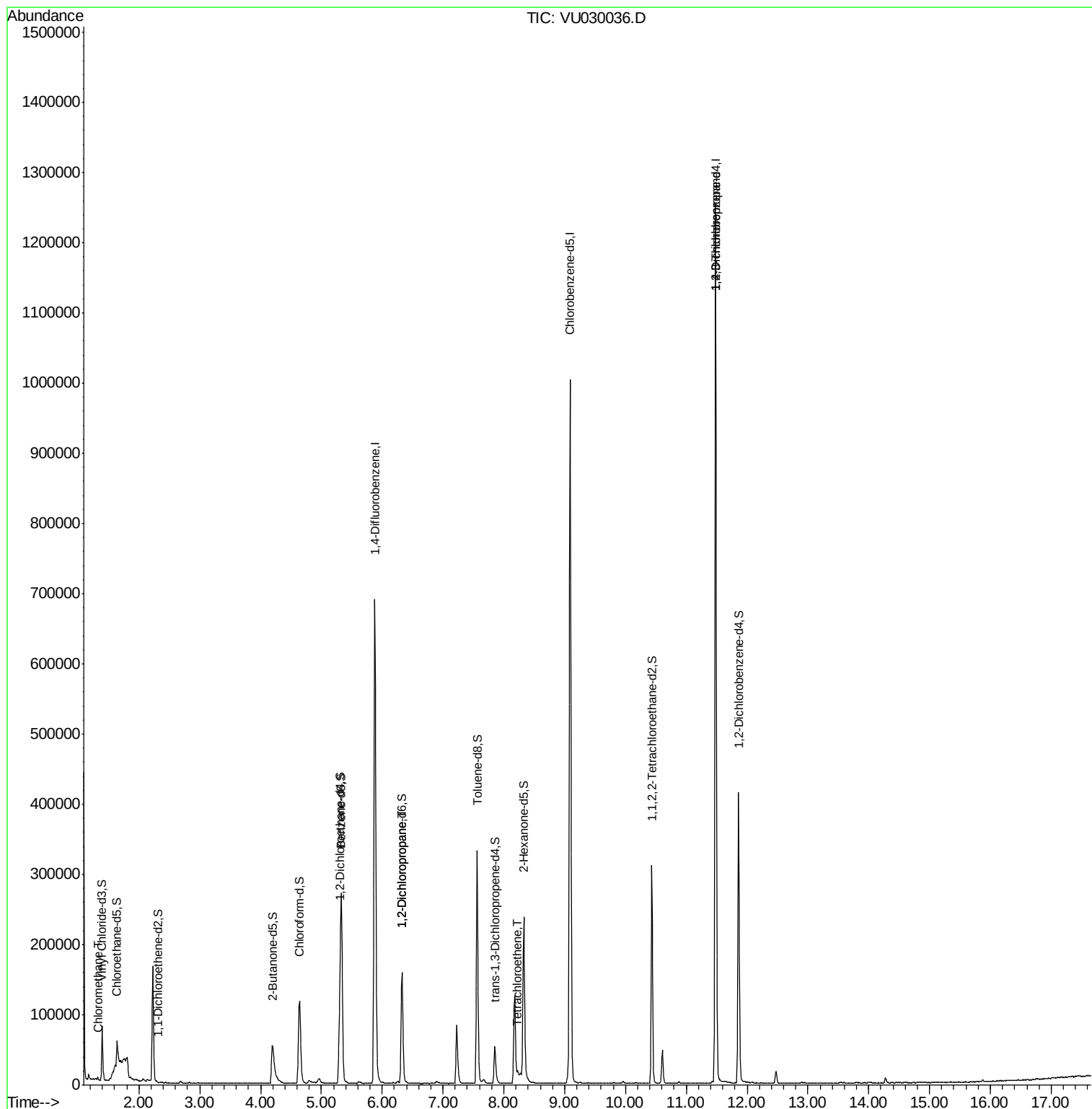
					Qvalue
3) Chloromethane	1.32	50	4098	0.873 ug/L	95
37) 1,2-Dichloropropane	6.32	63	9301	1.840 ug/L #	87
46) Tetrachloroethene	8.23	164	2670	0.606 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	35434	5.384 ug/L	94

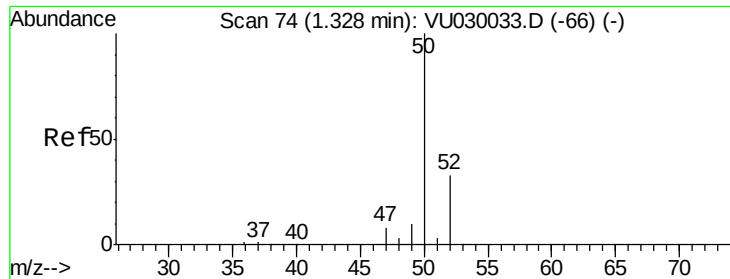
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.873 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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Acq: 13 Mar 2019 17:54

Instrument :

MSVOA_U

ClientSampleId :

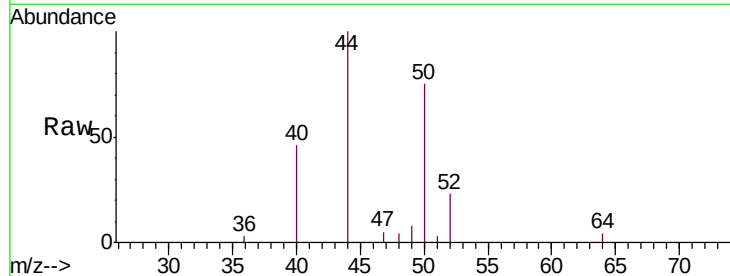
BF179

Tgt Ion: 50 Resp: 4098

Ion Ratio Lower Upper

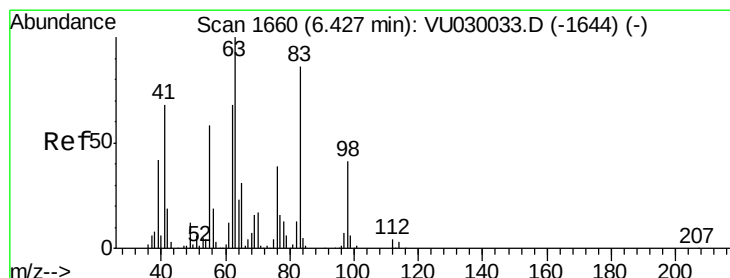
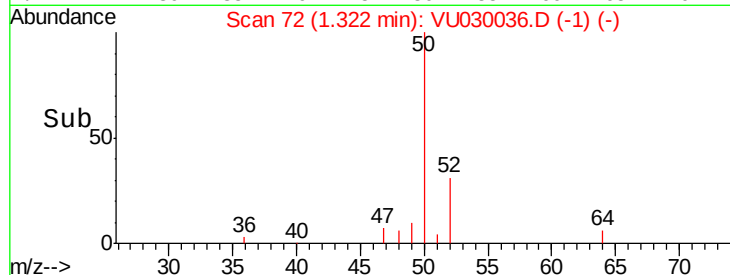
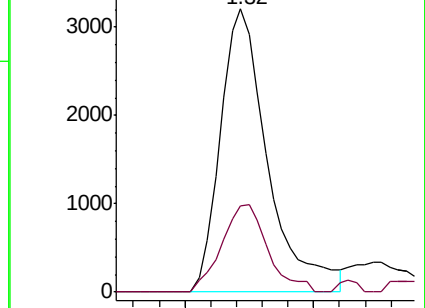
50 100

52 30.6 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU030033.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030033.D (-66) (-)



#37

1,2-Dichloropropane

Concen: 1.840 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU030036.D

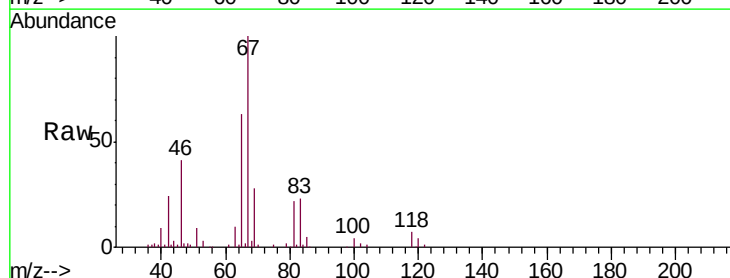
Acq: 13 Mar 2019 17:54

Tgt Ion: 63 Resp: 9301

Ion Ratio Lower Upper

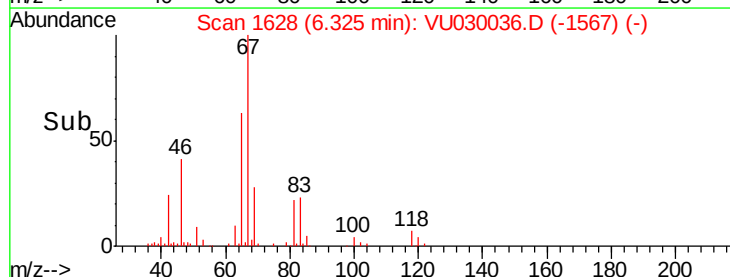
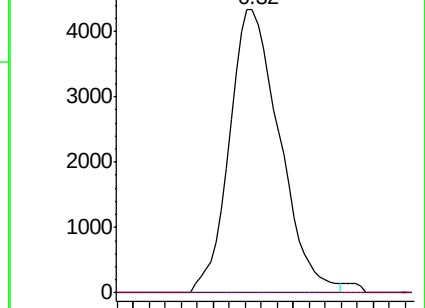
63 100

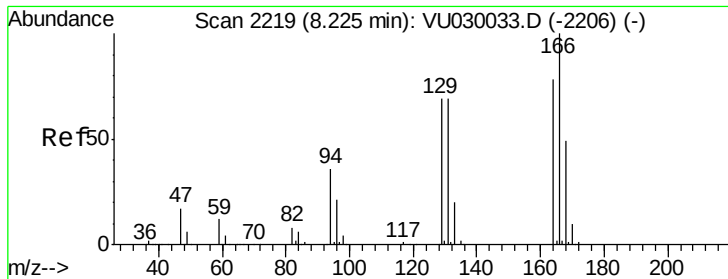
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU030033.D (-1644) (-)

Ion 112.00 (111.70 to 112.70): VU030033.D (-1644) (-)





#46

Tetrachloroethene

Concen: 0.606 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

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Acq: 13 Mar 2019 17:54

Instrument :

MSVOA_U

ClientSampleId :

BF179

Tgt Ion:164 Resp: 2670

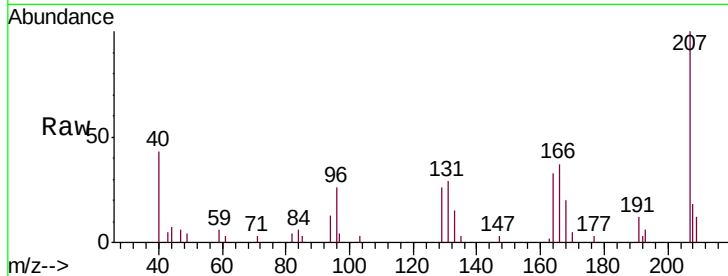
Ion Ratio Lower Upper

164 100

129 79.9 63.3 117.7

131 87.0 62.0 115.2

166 111.2 90.5 168.1

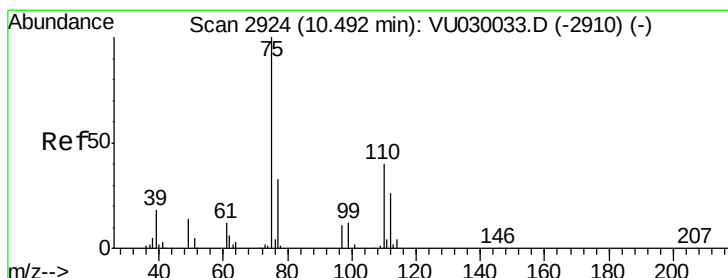
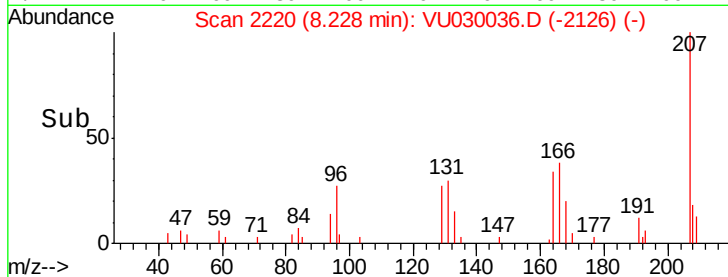
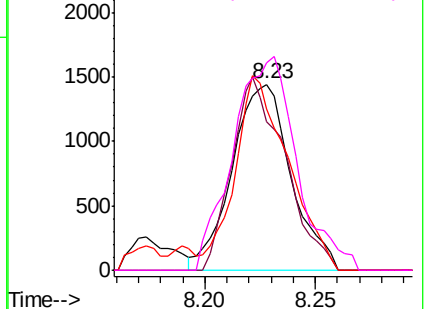


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.384 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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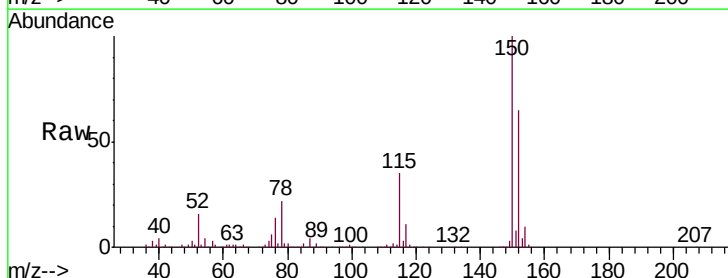
Acq: 13 Mar 2019 17:54

Tgt Ion: 75 Resp: 35434

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

