

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
 Data File : VU030563.D
 Acq On : 30 Mar 2019 00:04
 Operator : JC/SP
 Sample : K2166-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L6

Quant Time: Mar 30 03:47:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 02:12:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	414578	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139795	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	123315	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.26%
11) 1,1-Dichloroethene-d2	2.27	63	209006	33.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.04%
21) 2-Butanone-d5	4.17	46	313655	100.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.64	84	274003	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.31	65	193548	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.34	84	535840	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.33	67	199947	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.04%
41) Toluene-d8	7.56	98	452443	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%
43) trans-1,3-Dichloropropene-	7.85	79	79855	43.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.68%
47) 2-Hexanone-d5	8.31	63	204641	96.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276683	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	157643	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

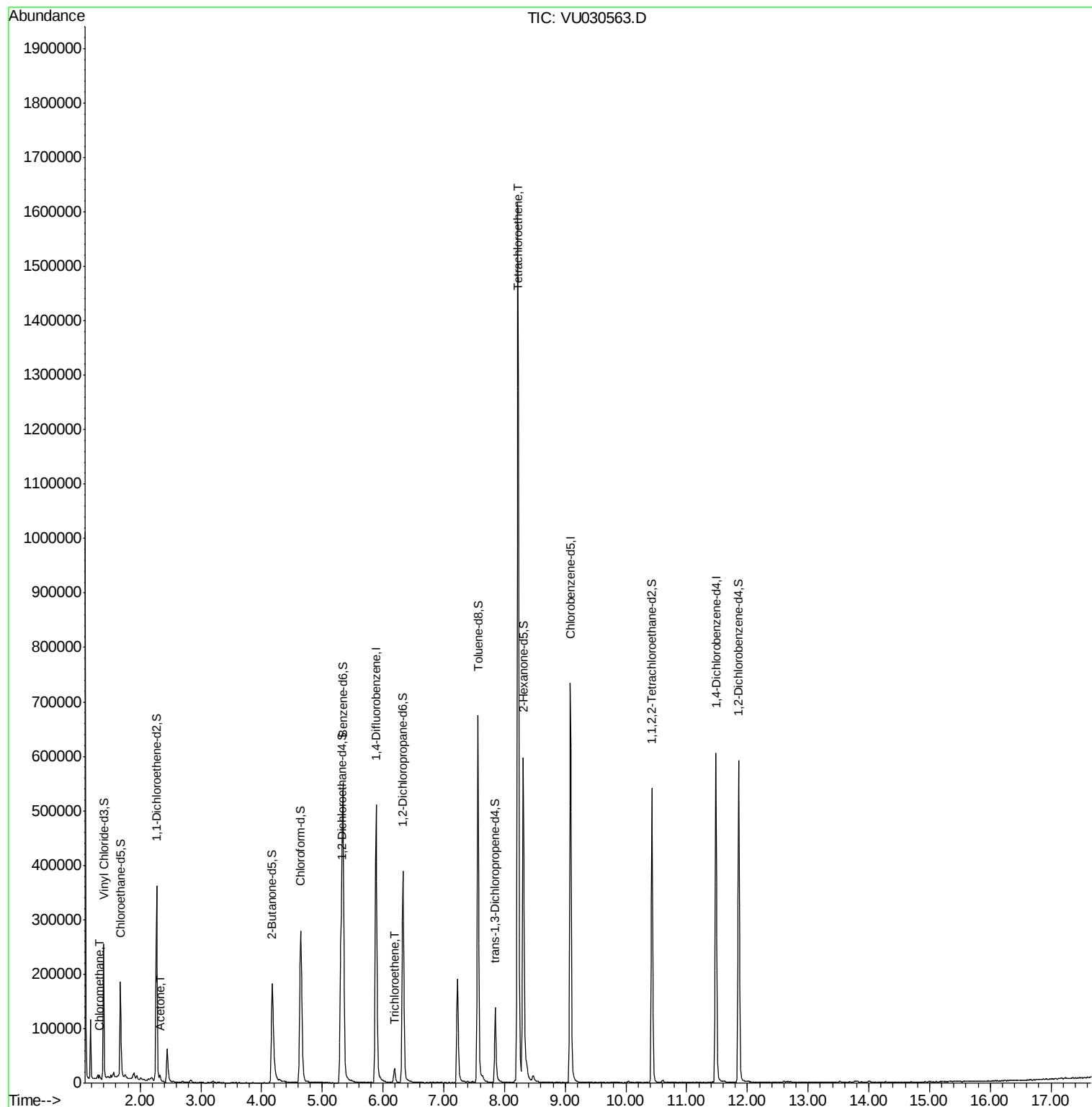
					Qvalue
3) Chloromethane	1.33	50	5376	1.051 ug/L	98
13) Acetone	2.32	43	8713	2.747 ug/L	95
34) Trichloroethene	6.19	95	9285	2.778 ug/L	92
46) Tetrachloroethene	8.22	164	357801	153.264 ug/L	97

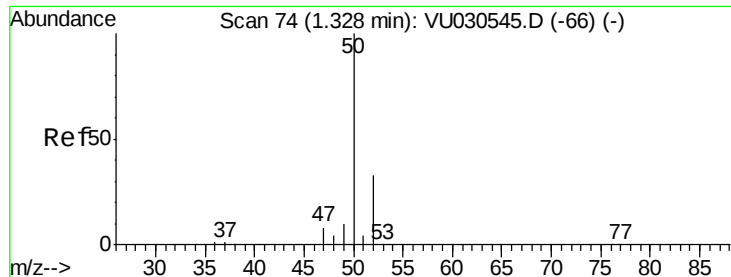
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.051 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030563.D

Acq: 30 Mar 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

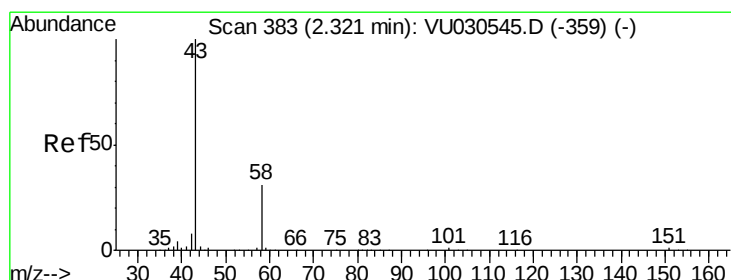
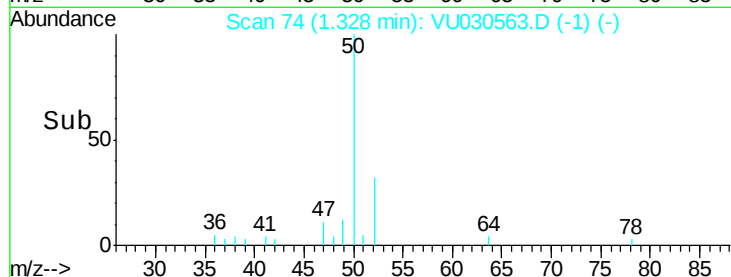
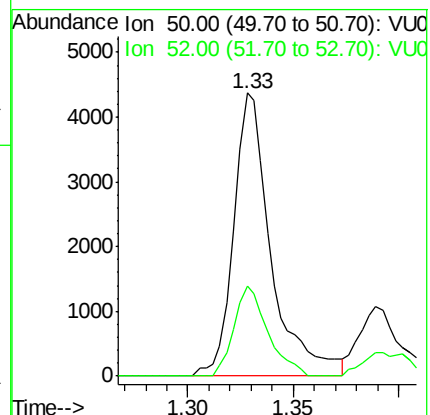
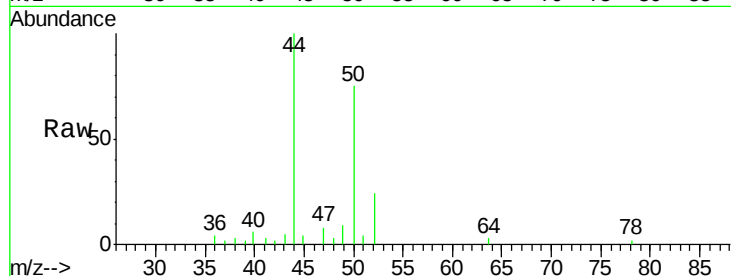
BF2L6

Tgt Ion: 50 Resp: 5376

Ion Ratio Lower Upper

50 100

52 31.6 23.0 42.6



#13

Acetone

Concen: 2.747 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030563.D

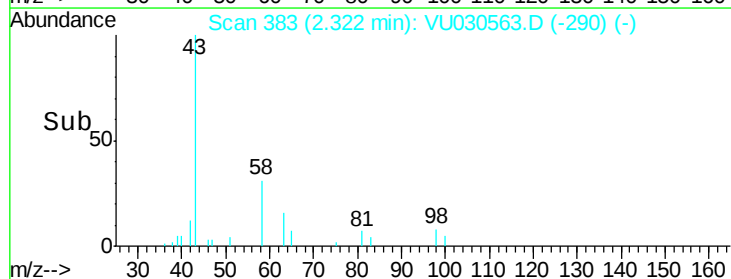
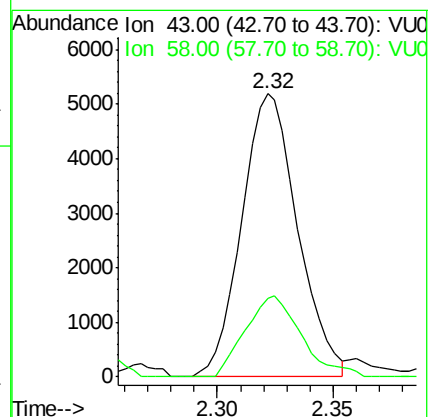
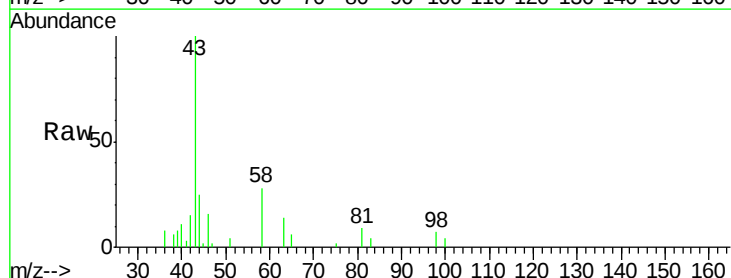
Acq: 30 Mar 2019 00:04

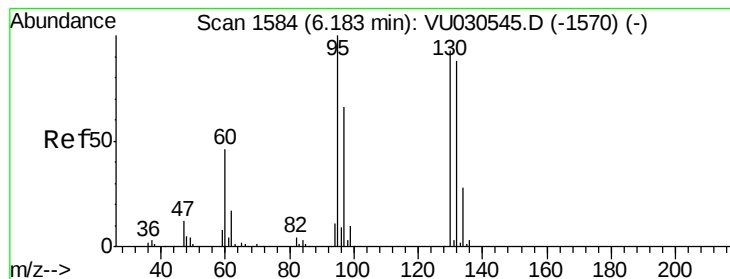
Tgt Ion: 43 Resp: 8713

Ion Ratio Lower Upper

43 100

58 28.6 0.0 62.8





#34

Trichloroethene

Concen: 2.778 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030563.D

Acq: 30 Mar 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

BF2L6

Tgt Ion: 95 Resp: 9285

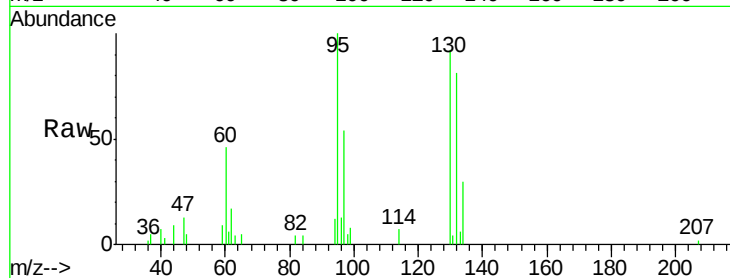
Ion Ratio Lower Upper

95 100

97 54.3 45.7 84.9

132 80.9 63.8 118.4

130 91.7 65.7 121.9

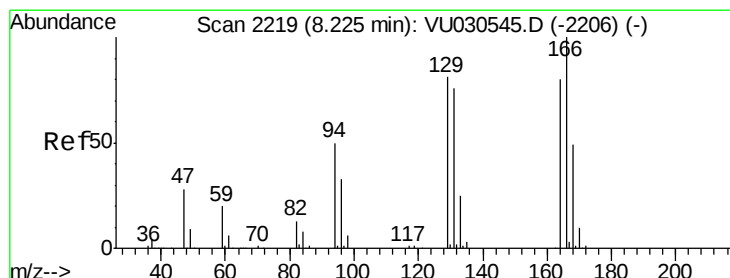
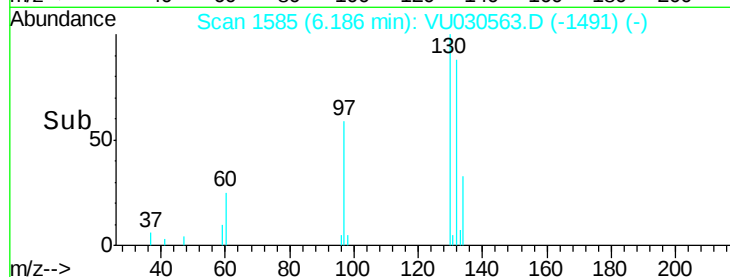
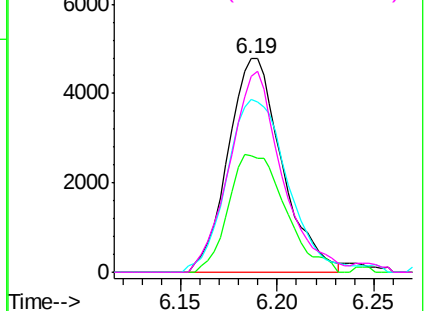


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 153.264 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030563.D

Acq: 30 Mar 2019 00:04

Tgt Ion: 164 Resp: 357801

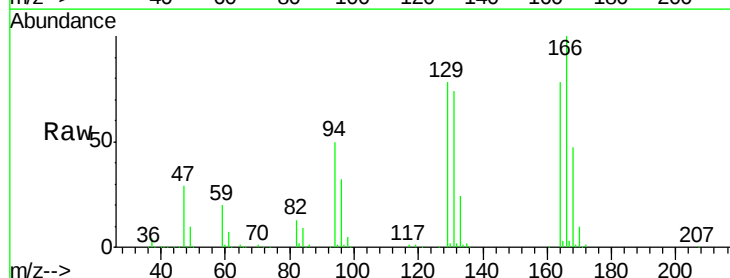
Ion Ratio Lower Upper

164 100

129 100.1 68.1 126.5

131 94.7 67.7 125.7

166 127.6 92.4 171.6



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

