

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035315.D
 Acq On : 19 Oct 2019 13:51
 Operator : JC/SP
 Sample : K5344-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L6

Quant Time: Oct 21 06:54:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 05:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	796458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	748752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	312388	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	313633	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.93	69	268632	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.44%
11) 1,1-Dichloroethene-d2	2.59	63	408285	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
21) 2-Butanone-d5	4.70	46	422125	92.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.95%
24) Chloroform-d	5.11	84	499450	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.75	65	335090	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.77	84	1047190	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.74	67	332424	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.93	98	983956	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%
43) trans-1,3-Dichloropropene-	8.22	79	166615	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.68	63	309702	101.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	464348	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	12.22	152	331522	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%

Target Compounds

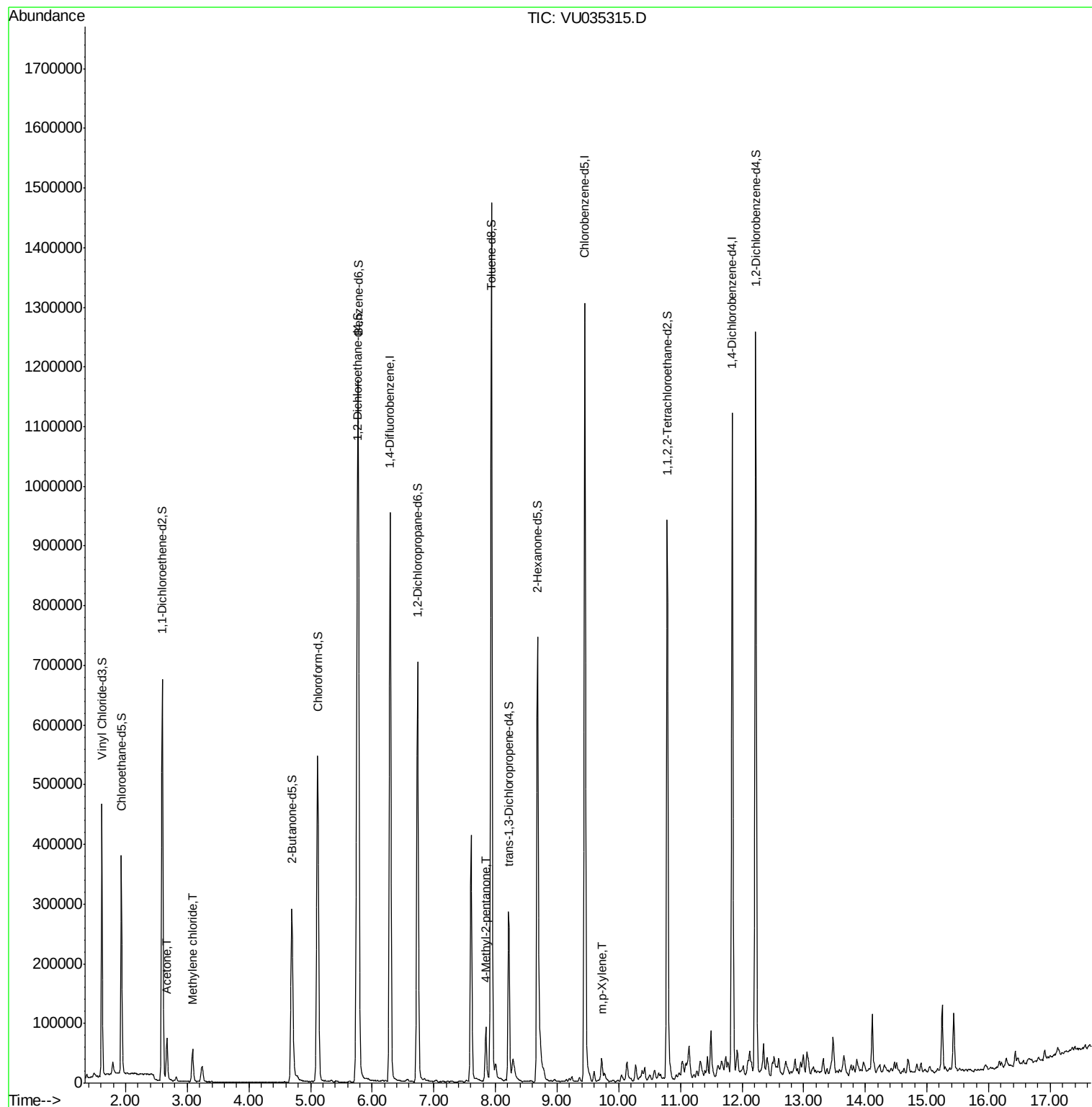
					Qvalue
13) Acetone	2.67	43	76071	18.787 ug/L	98
16) Methylene chloride	3.09	84	26574	4.589 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	62654	7.736 ug/L	100
53) m,p-Xylene	9.72	106	10659	1.120 ug/L	96

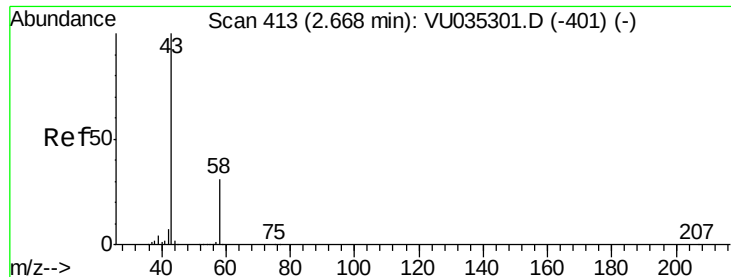
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.787 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

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Acq: 19 Oct 2019 13:51

Instrument :

MSVOA_U

ClientSampleId :

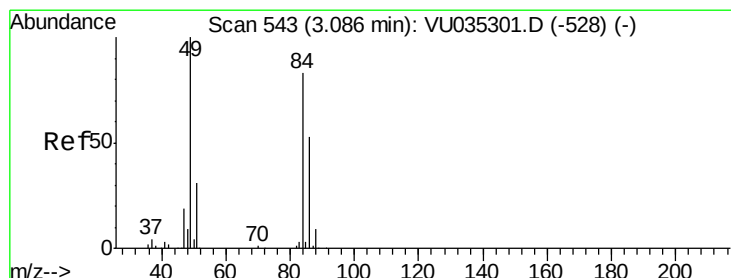
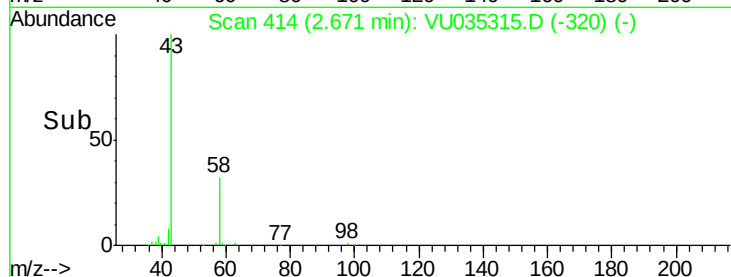
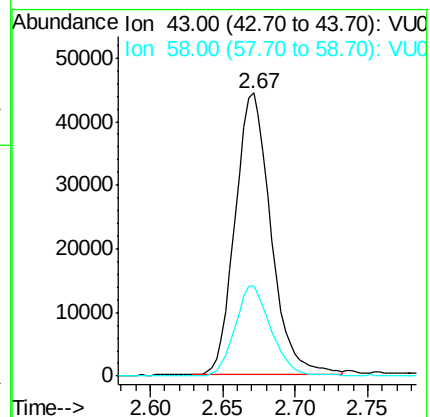
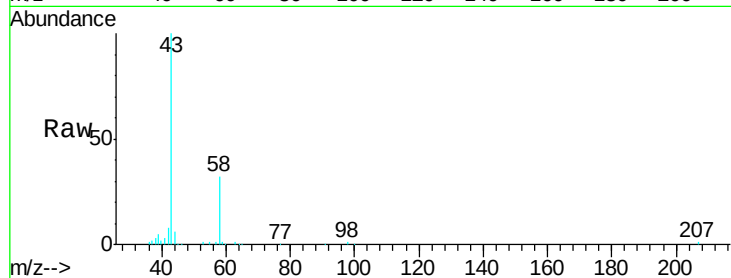
BF6L6

Tgt Ion: 43 Resp: 76071

Ion Ratio Lower Upper

43 100

58 32.4 0.0 62.8



#16

Methylene chloride

Concen: 4.589 ug/L

RT: 3.09 min Scan# 543

Delta R.T. -0.00 min

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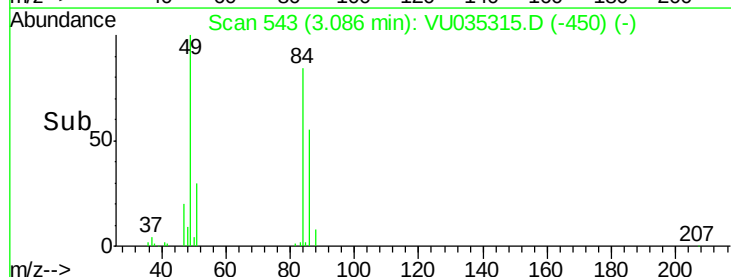
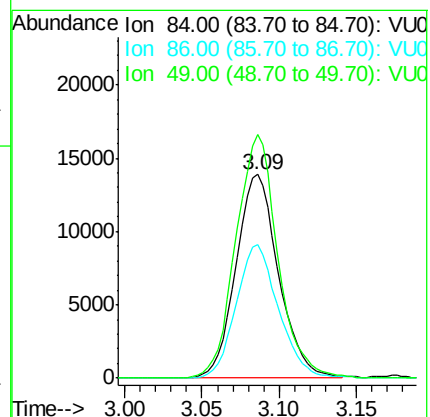
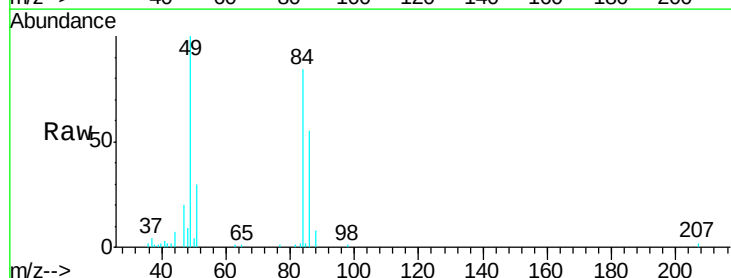
Tgt Ion: 84 Resp: 26574

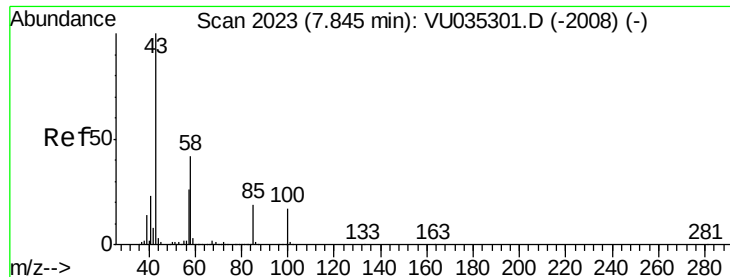
Ion Ratio Lower Upper

84 100

86 65.3 44.4 82.5

49 119.7 84.0 156.0

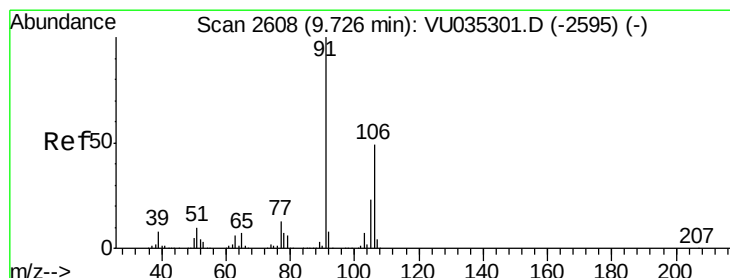
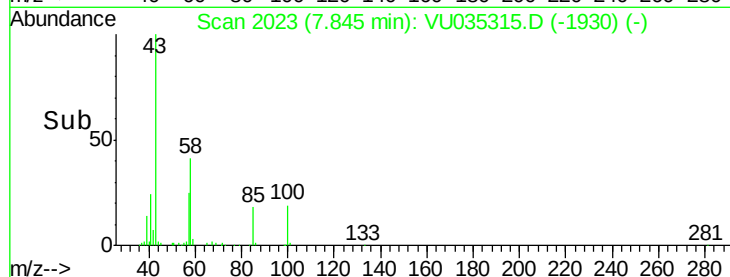
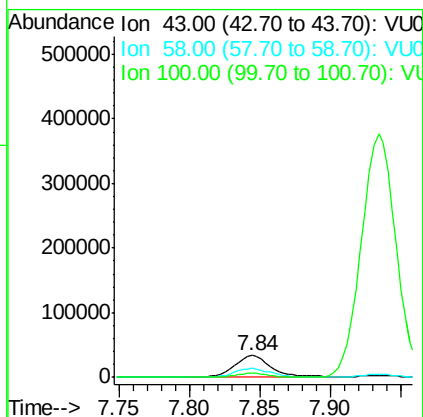
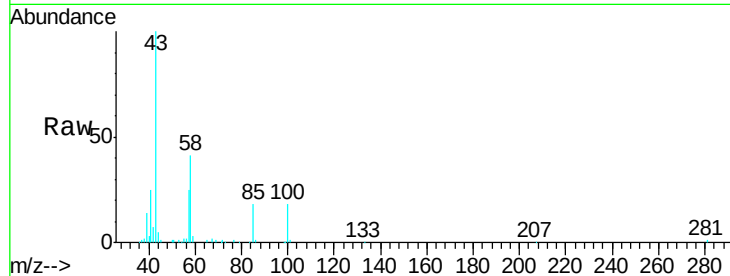




#40
 4-Methyl-2-pentanone
 Concen: 7.736 ug/L
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
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Tgt Ion: 43 Resp: 62654
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.1 49.7
 100 16.9 13.2 19.8



#53
 m,p-Xylene
 Concen: 1.120 ug/L
 RT: 9.72 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VU035315.D
 Acq: 19 Oct 2019 13:51

Tgt Ion: 106 Resp: 10659
 Ion Ratio Lower Upper
 106 100
 91 208.9 141.5 262.9

