

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036067.D
 Acq On : 09 Dec 2019 23:24
 Operator : JC/MD
 Sample : K6168-13 500X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE46

Quant Time: Dec 10 03:52:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 01:47:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	280517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96503	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	128411	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.59	63	159650	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.69	46	176248	45.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.96%
24) Chloroform-d	5.11	84	160548	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.75	65	92459	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	345700	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	104580	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	292763	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.21	79	41416	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.69	63	165036	51.11	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91702	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	80672	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

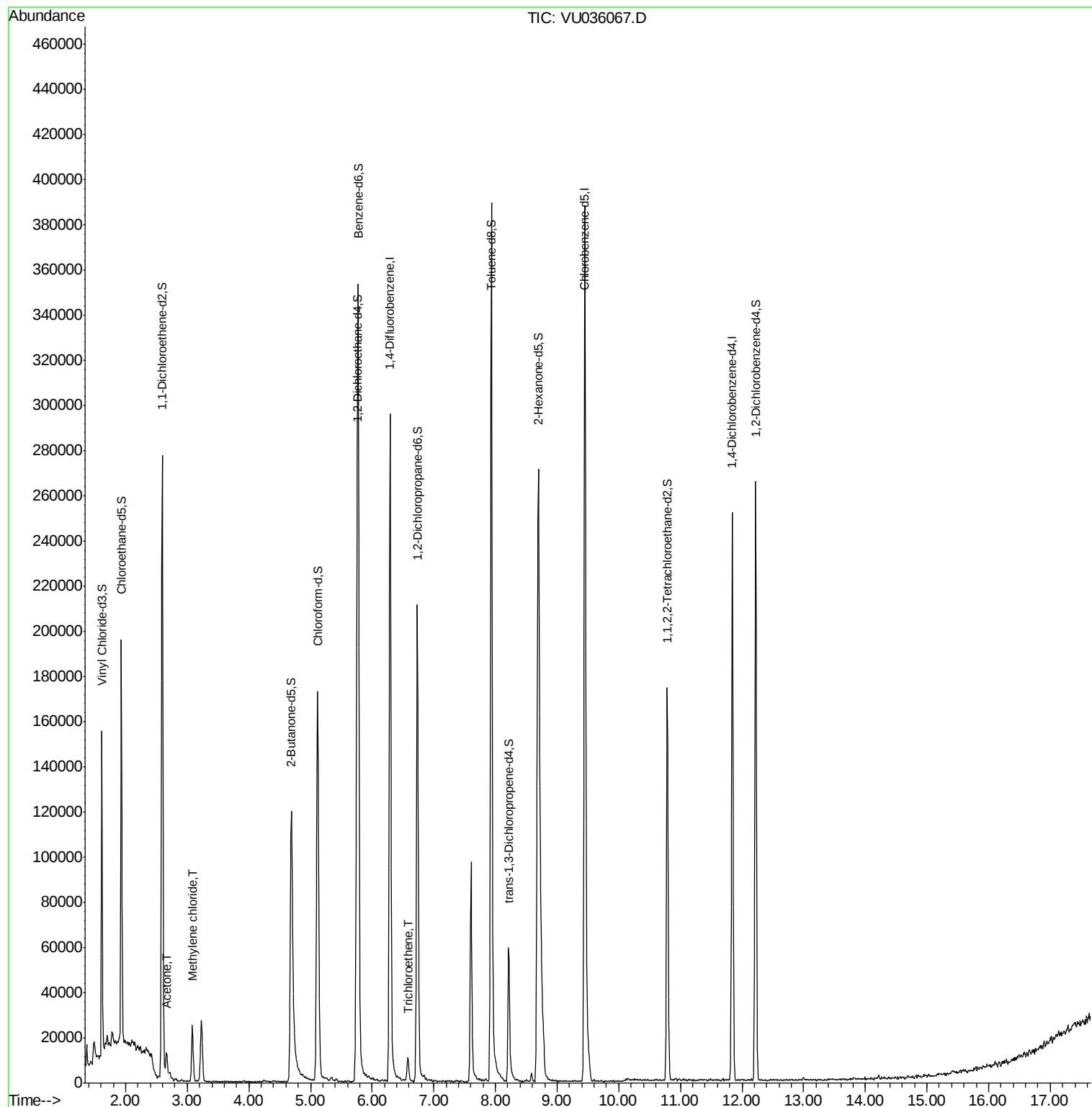
Target Compounds					Ovalue
13) Acetone	2.66	43	11361	2.310 ug/L	99
16) Methylene chloride	3.09	84	12703	0.493 ug/L	89
34) Trichloroethene	6.58	95	3152	0.155 ug/L	94

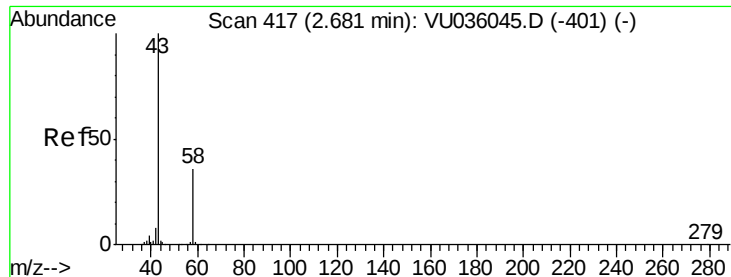
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.310 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036067.D

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Instrument :

MSVOA_U

ClientSampleId :

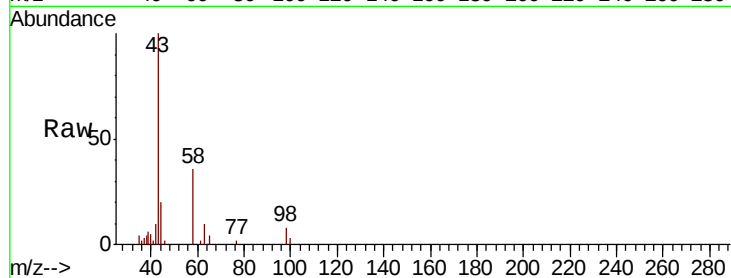
BFE46

Tot Ion: 43 Resp: 11361

Ion Ratio Lower Upper

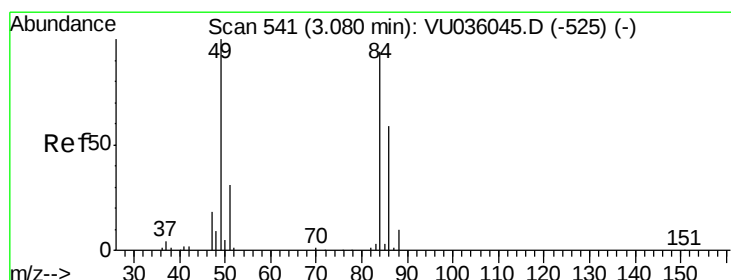
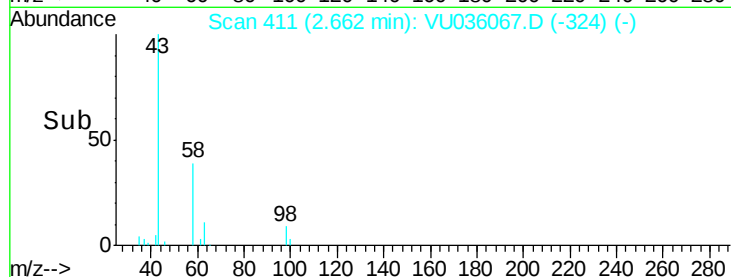
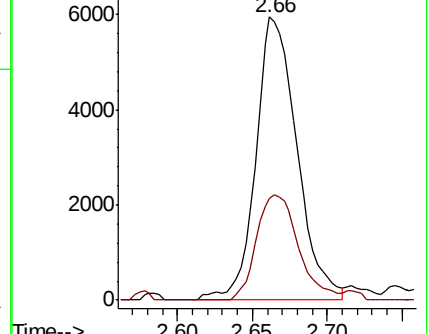
43 100

58 37.8 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036045.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036045.D (-401) (-)



#16

Methylene chloride

Concen: 0.493 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU036067.D

Acq: 09 Dec 2019 23:24

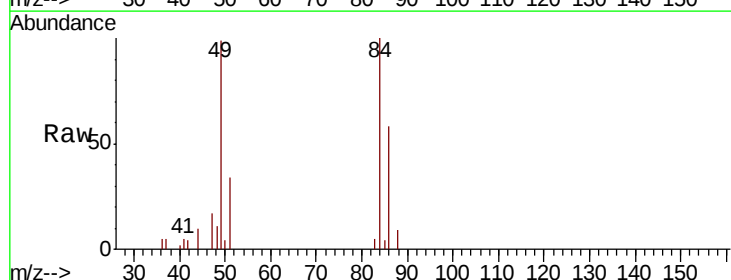
Tgt Ion: 84 Resp: 12703

Ion Ratio Lower Upper

84 100

86 58.1 47.5 88.3

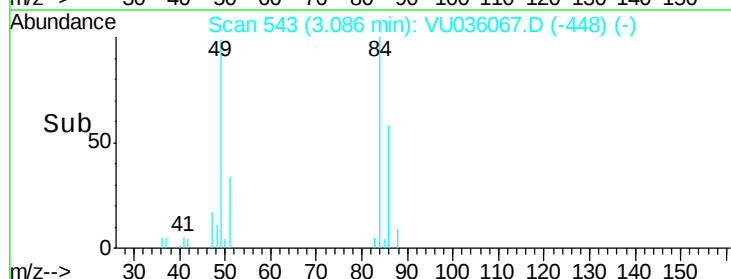
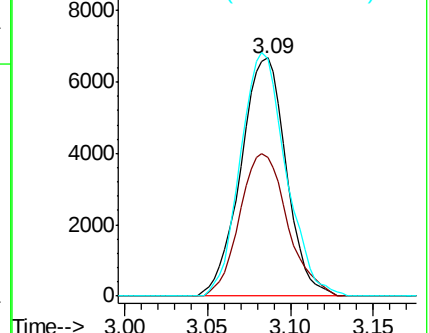
49 99.5 76.9 142.9

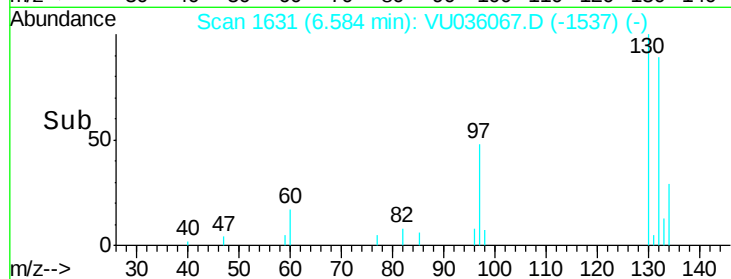
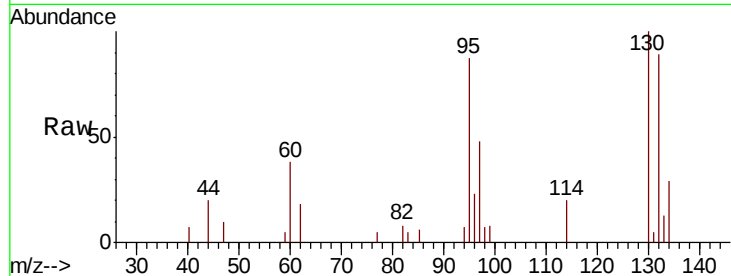
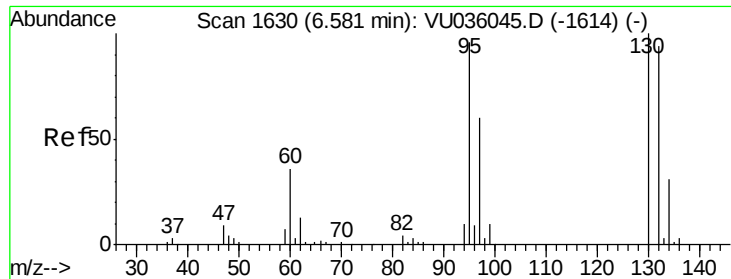


Abundance Ion 84.05 (83.75 to 84.75): VU036045.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU036045.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU036045.D (-525) (-)





#34

Trichloroethene

Concen: 0.155 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

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MSVOA_U

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BFE46

Tot Ion: 95 Resp: 3152

Ion Ratio Lower Upper

95 100

97 55.1 44.4 82.4

132 102.4 73.4 136.4

130 115.5 75.9 141.1

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

