

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110619\
 Data File : VU035653.D
 Acq On : 06 Nov 2019 17:26
 Operator : JC/SP
 Sample : K5716-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE887

Quant Time: Nov 07 06:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 04:46:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	627595	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	606802	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	177898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	169734	33.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.98%
7) Chloroethane-d5	1.93	69	158400	39.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.26%
11) 1,1-Dichloroethene-d2	2.60	63	229342	29.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.18%#
21) 2-Butanone-d5	4.69	46	286812	96.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.87%
24) Chloroform-d	5.11	84	352329	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.75	65	221022	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.77	84	724118	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
36) 1,2-Dichloropropane-d6	6.74	67	242329	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.48%
41) Toluene-d8	7.93	98	646741	43.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.70%
43) trans-1,3-Dichloropropene-	8.22	79	105509	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.68	63	177908	90.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	338863	46.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.90%
64) 1,2-Dichlorobenzene-d4	12.22	152	180909	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%

Target Compounds

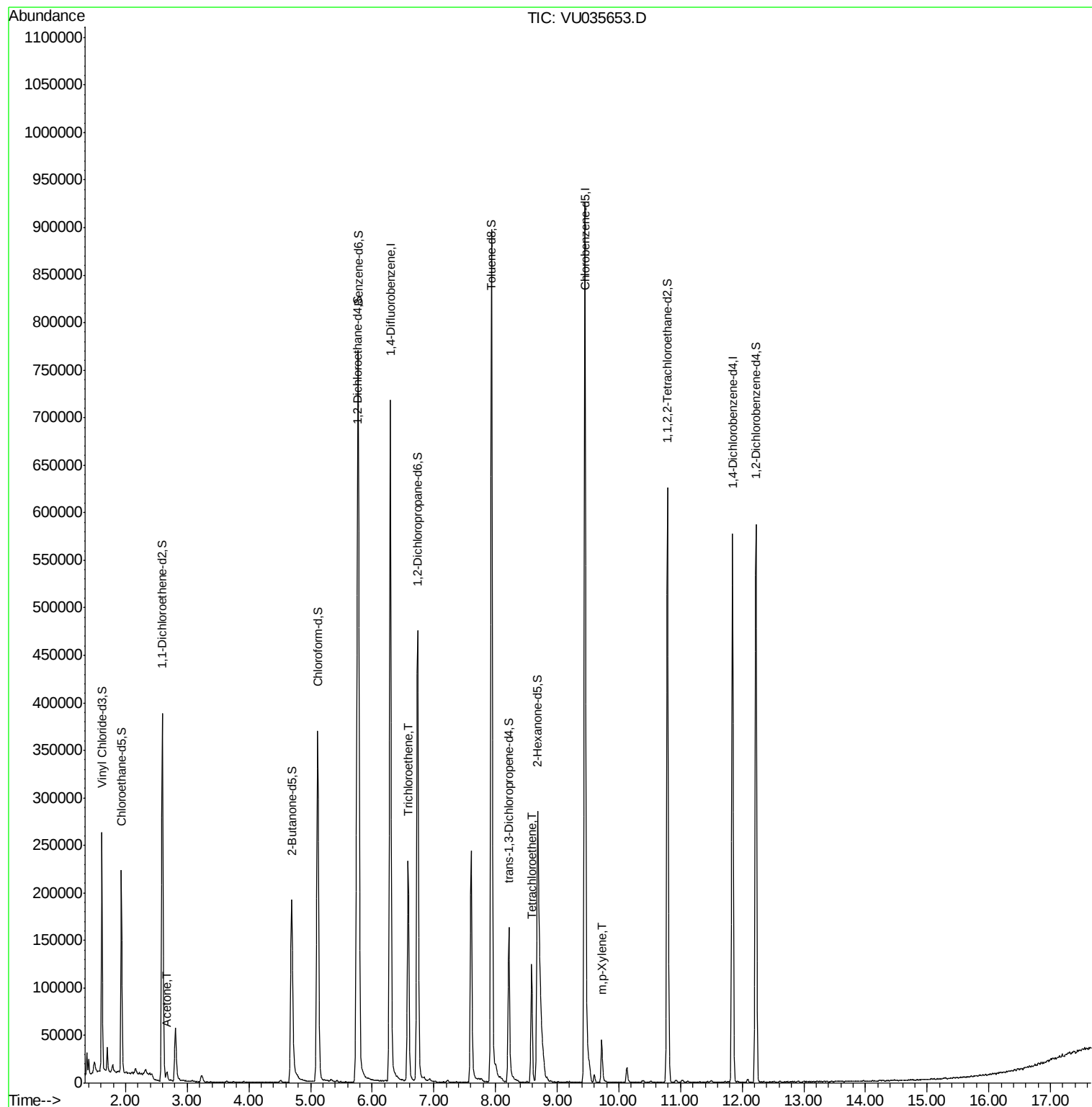
					Qvalue
13) Acetone	2.67	43	9982	3.832 ug/L	97
34) Trichloroethene	6.58	95	78645	18.140 ug/L	98
46) Tetrachloroethene	8.58	164	30444	8.398 ug/L	98
53) m,p-Xylene	9.72	106	13714	1.913 ug/L	94

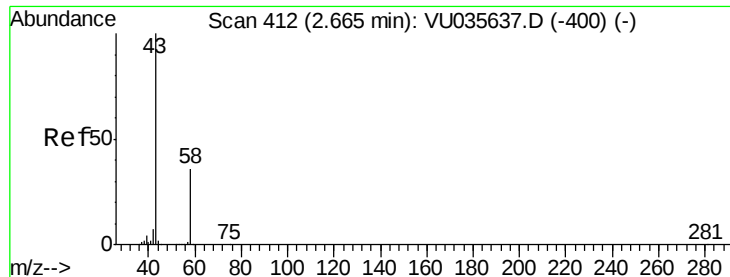
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.832 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035653.D

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MSVOA_U

ClientSampleId :

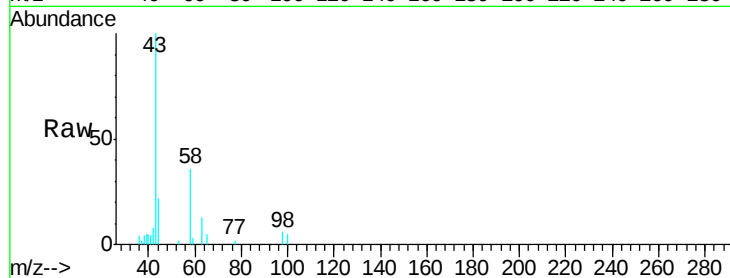
BE887

Tgt Ion: 43 Resp: 9982

Ion Ratio Lower Upper

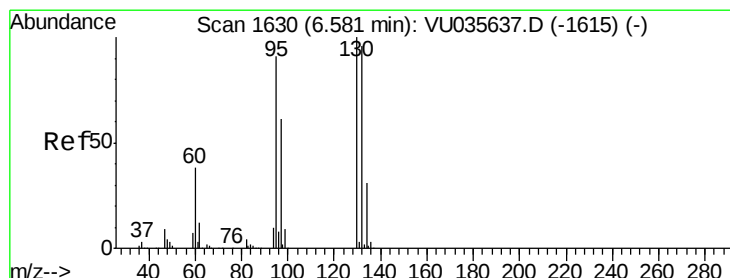
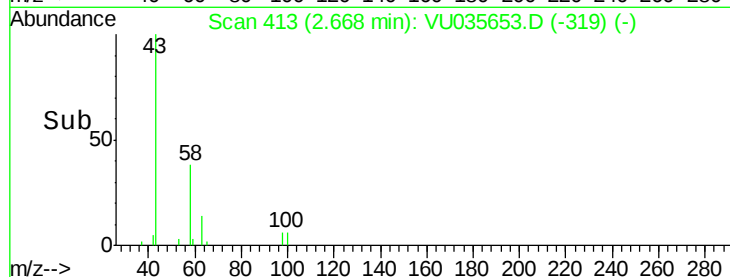
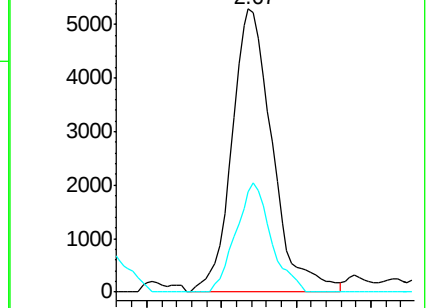
43 100

58 33.3 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035637.D (-400) (-)



#34

Trichloroethene

Concen: 18.140 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035653.D

Acq: 06 Nov 2019 17:26

Tgt Ion: 95 Resp: 78645

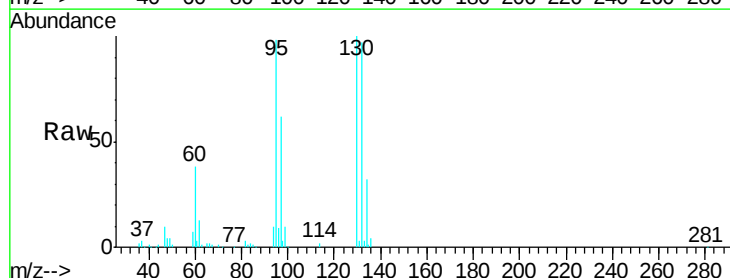
Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.6

132 99.3 69.9 129.7

130 102.2 73.1 135.7

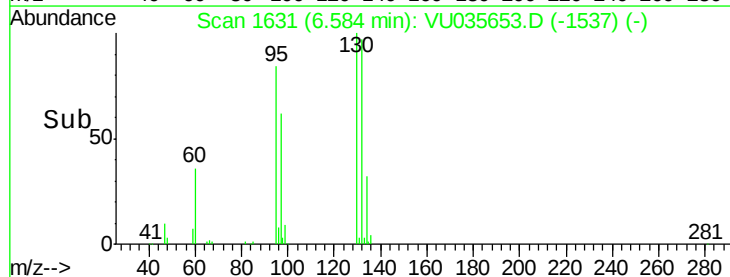
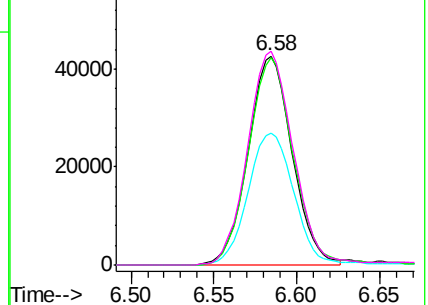


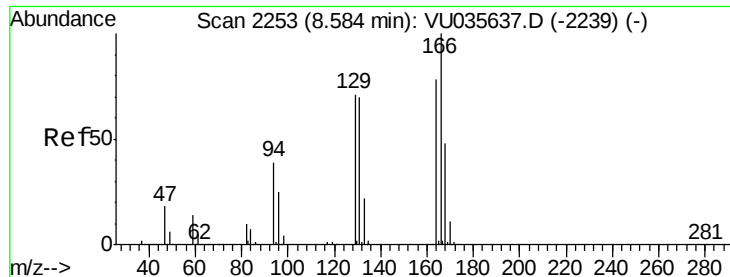
Abundance Ion 95.00 (94.70 to 95.70): VU035637.D (-1615) (-)

Ion 97.00 (96.70 to 97.70): VU035637.D (-1615) (-)

Ion 132.00 (131.70 to 132.70): VU035637.D (-1615) (-)

Ion 130.00 (129.70 to 130.70): VU035637.D (-1615) (-)





#46

Tetrachloroethene

Concen: 8.398 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035653.D

Acq: 06 Nov 2019 17:26

Instrument :

MSVOA_U

ClientSampleId :

BE887

Tgt Ion:164 Resp: 30444

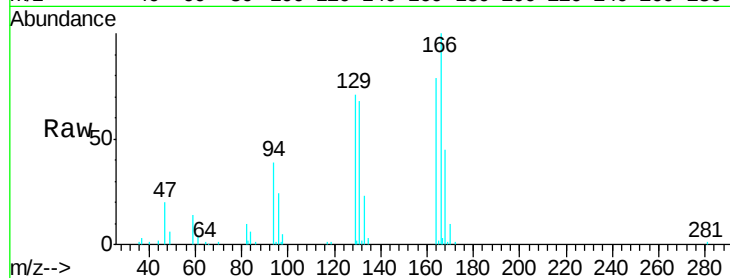
Ion Ratio Lower Upper

164 100

129 89.9 64.1 119.1

131 86.3 63.1 117.1

166 126.4 88.5 164.3

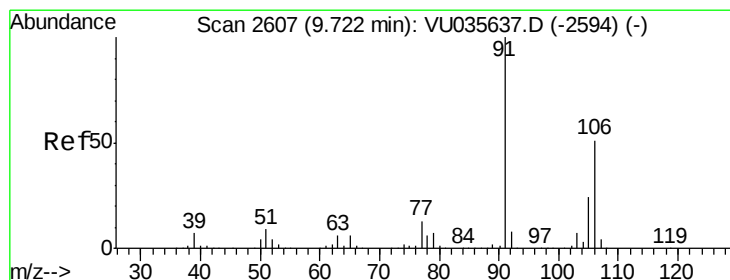
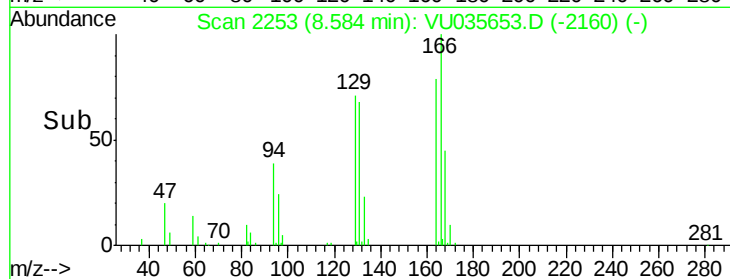
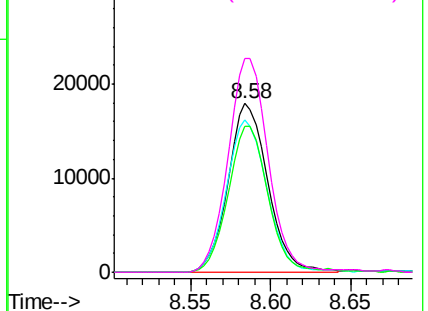


Abundance Ion 164.00 (163.70 to 164.70): V

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



#53

m,p-Xylene

Concen: 1.913 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035653.D

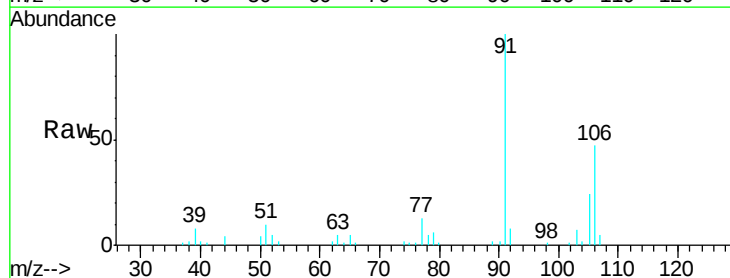
Acq: 06 Nov 2019 17:26

Tgt Ion:106 Resp: 13714

Ion Ratio Lower Upper

106 100

91 213.5 142.7 264.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

