

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110619\
 Data File : VU035654.D
 Acq On : 06 Nov 2019 17:49
 Operator : JC/SP
 Sample : K5716-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE893

Quant Time: Nov 07 06:29:49 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	608091	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	593364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	165074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	174434	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.04%
7) Chloroethane-d5	1.93	69	164125	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.68%
11) 1,1-Dichloroethene-d2	2.60	63	232752	30.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.94%
21) 2-Butanone-d5	4.69	46	288492	100.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	5.11	84	364209	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.75	65	222942	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.77	84	746644	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.74	67	247392	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.64%
41) Toluene-d8	7.93	98	672113	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%
43) trans-1,3-Dichloropropene-	8.22	79	106532	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.68	63	176294	91.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.71%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	341192	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	12.22	152	175969	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%

Target Compounds

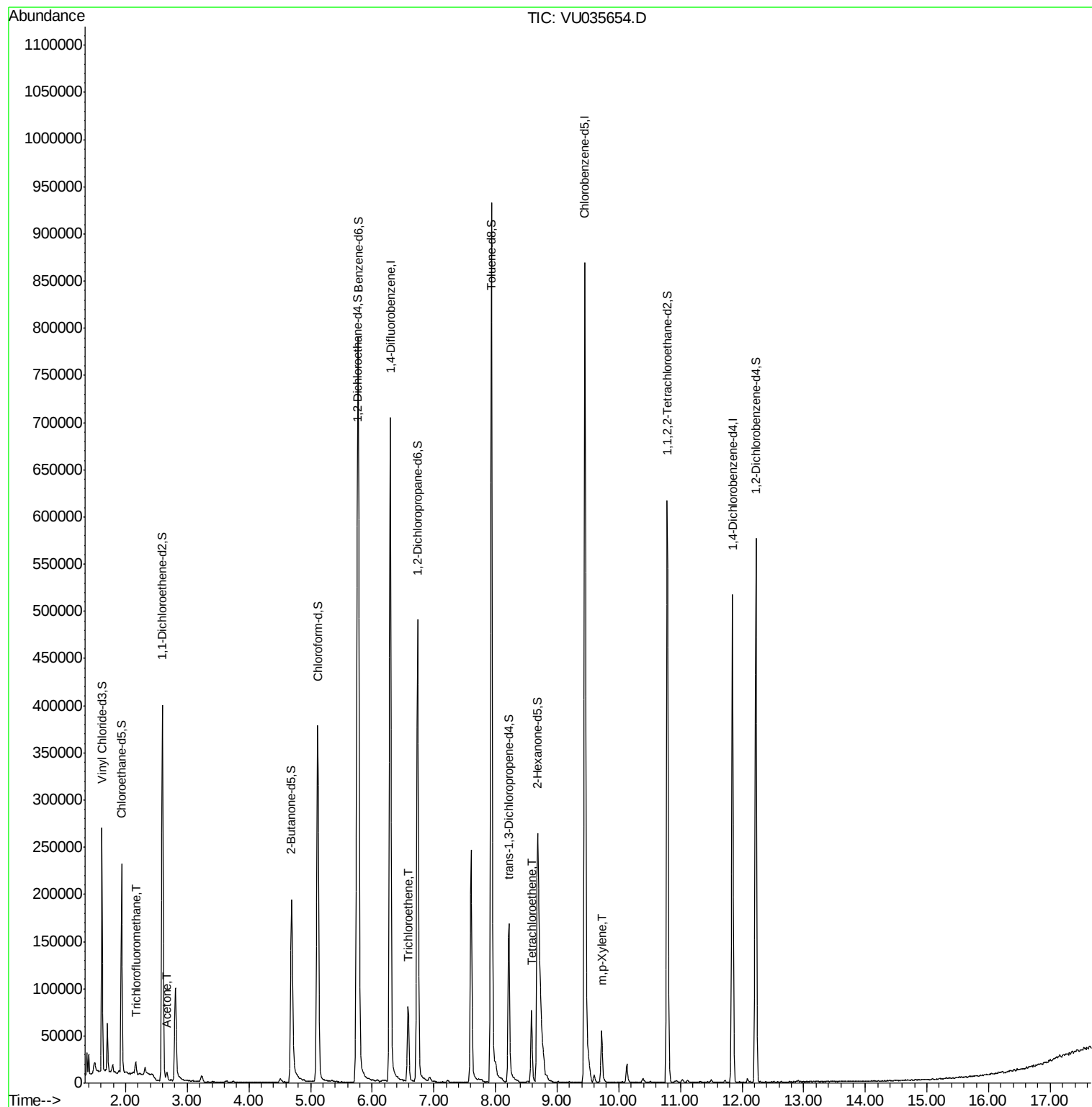
					Qvalue
9) Trichlorofluoromethane	2.16	101	7787	1.182 ug/L	94
13) Acetone	2.67	43	7990	3.165 ug/L	88
34) Trichloroethene	6.58	95	27142	6.402 ug/L	96
46) Tetrachloroethene	8.58	164	19445	5.485 ug/L	95
53) m,p-Xylene	9.73	106	18137	2.587 ug/L	83

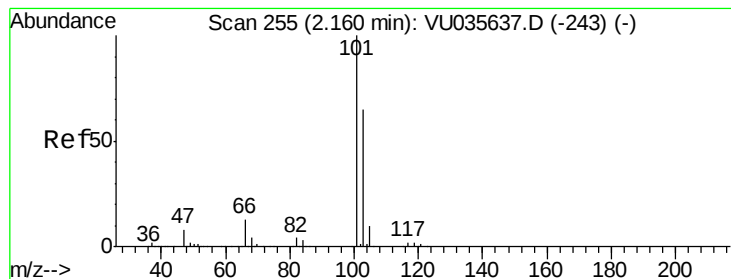
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.182 ug/L

RT: 2.16 min Scan# 256

Delta R.T. 0.00 min

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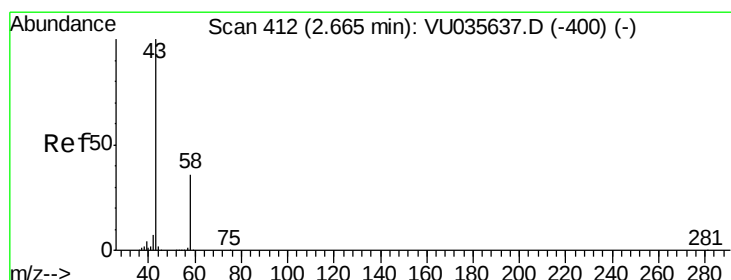
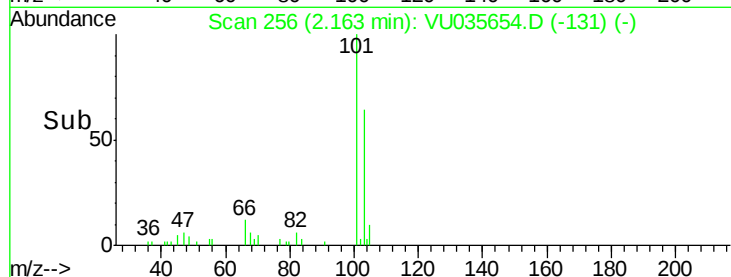
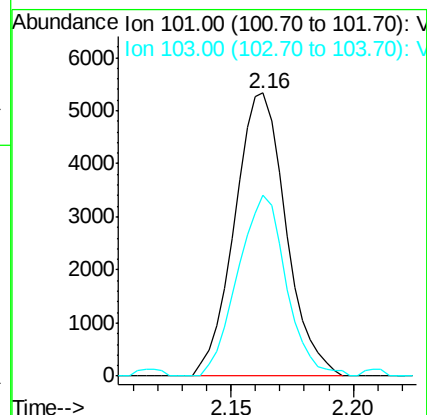
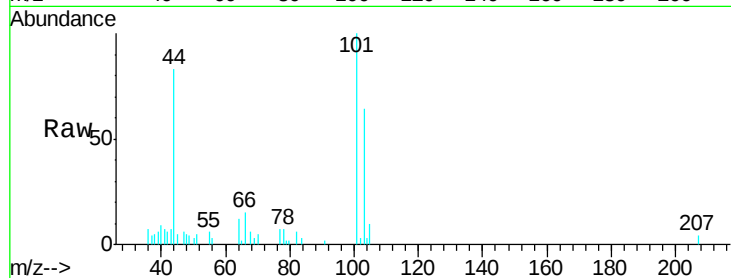
BE893

Tgt Ion:101 Resp: 7787

Ion Ratio Lower Upper

101 100

103 59.9 51.8 77.6



#13

Acetone

Concen: 3.165 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU035654.D

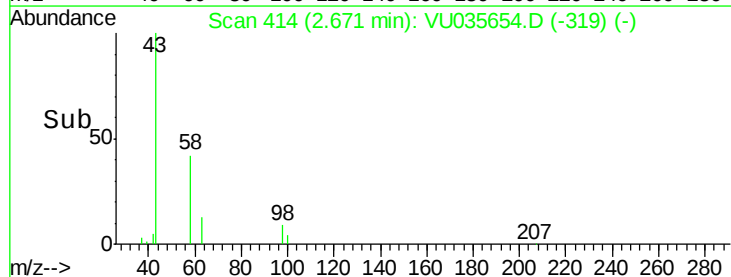
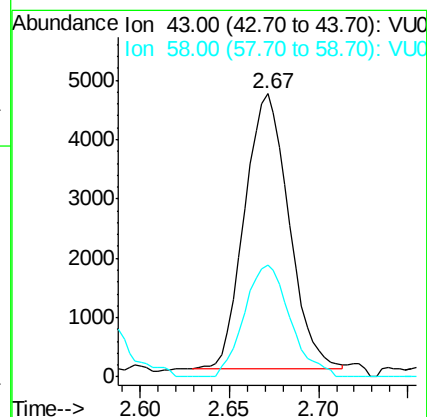
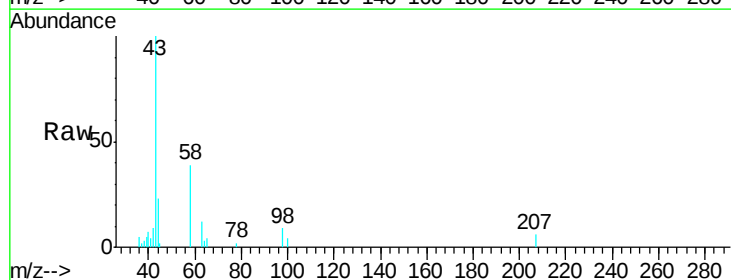
Acq: 06 Nov 2019 17:49

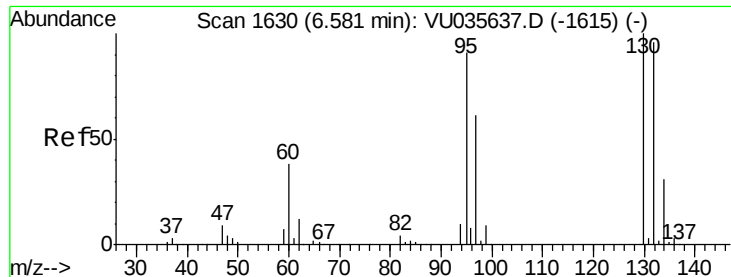
Tgt Ion: 43 Resp: 7990

Ion Ratio Lower Upper

43 100

58 42.3 0.0 70.0

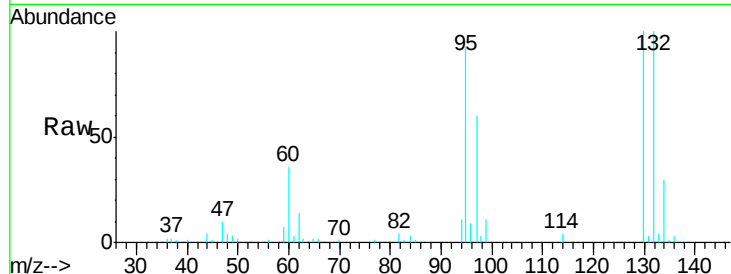




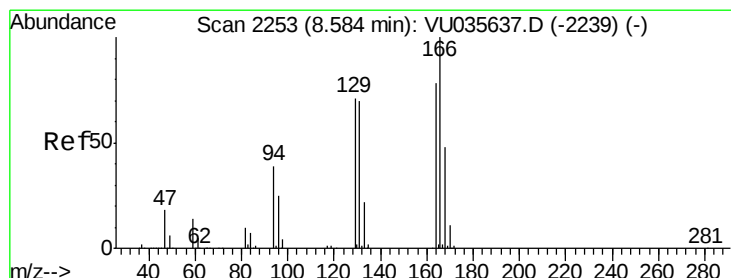
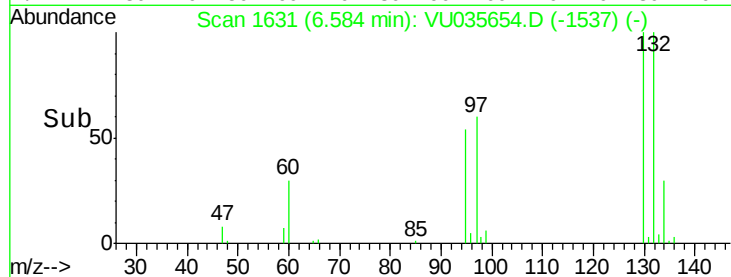
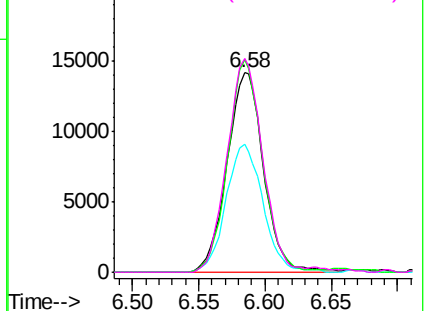
#34
 Trichloroethene
 Concen: 6.402 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035654.D
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Instrument :
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 BE893

Tgt Ion:	95	Resp:	27142
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.6
132	106.7	69.9	129.7
130	107.3	73.1	135.7

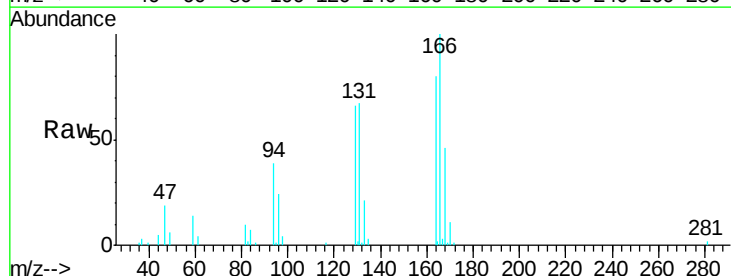


Abundance Ion 95.00 (94.70 to 95.70): VU035637.D (-1615) (-)
 Ion 97.00 (96.70 to 97.70): VU035637.D (-1615) (-)
 Ion 132.00 (131.70 to 132.70): VU035637.D (-1615) (-)
 Ion 130.00 (129.70 to 130.70): VU035637.D (-1615) (-)

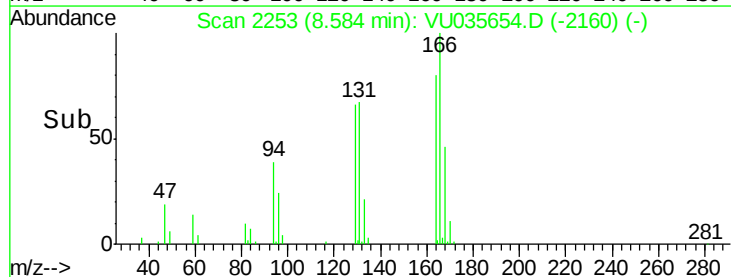
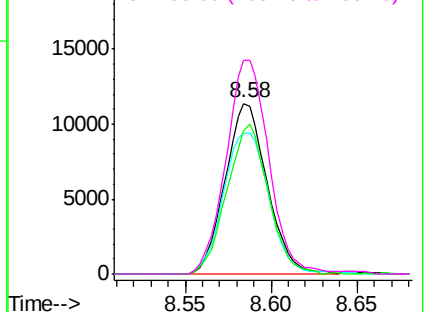


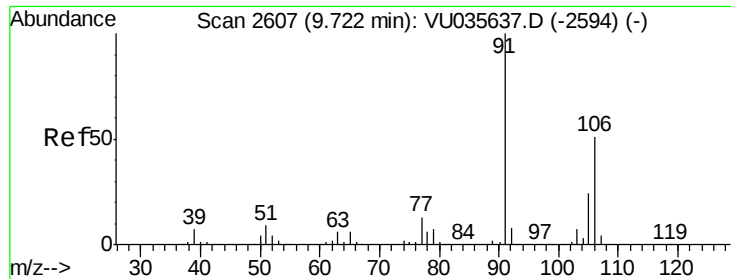
#46
 Tetrachloroethene
 Concen: 5.485 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035654.D
 Acq: 06 Nov 2019 17:49

Tgt Ion:	164	Resp:	19445
Ion	Ratio	Lower	Upper
164	100		
129	82.9	64.1	119.1
131	83.8	63.1	117.1
166	125.1	88.5	164.3



Abundance Ion 164.00 (163.70 to 164.70): VU035637.D (-2239) (-)
 Ion 129.00 (128.70 to 129.70): VU035637.D (-2239) (-)
 Ion 131.00 (130.70 to 131.70): VU035637.D (-2239) (-)
 Ion 166.00 (165.70 to 166.70): VU035637.D (-2239) (-)





#53

m,p-Xylene

Concen: 2.587 ug/L

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035654.D

Acq: 06 Nov 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

BE893

Tgt Ion:106 Resp: 18137

Ion Ratio Lower Upper

106 100

91 178.3 142.7 264.9

