

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071519\
 Data File : VU033251.D
 Acq On : 15 Jul 2019 12:11
 Operator : JC/SP
 Sample : K3785-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XL7

Quant Time: Jul 16 02:55:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:46:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	297440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	128812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119382	53.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.04%
7) Chloroethane-d5	1.67	69	105674	54.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.88%
11) 1,1-Dichloroethene-d2	2.26	63	151670	37.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.28%
21) 2-Butanone-d5	4.15	46	141824	99.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.41%
24) Chloroform-d	4.62	84	188504	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	5.29	65	131315	54.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.52%
32) Benzene-d6	5.32	84	397755	55.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.26%
36) 1,2-Dichloropropane-d6	6.31	67	128859	55.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.52%
41) Toluene-d8	7.55	98	355425	52.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.48%
43) trans-1,3-Dichloropropene-	7.83	79	58236	51.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.78%
47) 2-Hexanone-d5	8.29	63	118905	114.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188698	53.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	131528	57.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.52%

Target Compounds

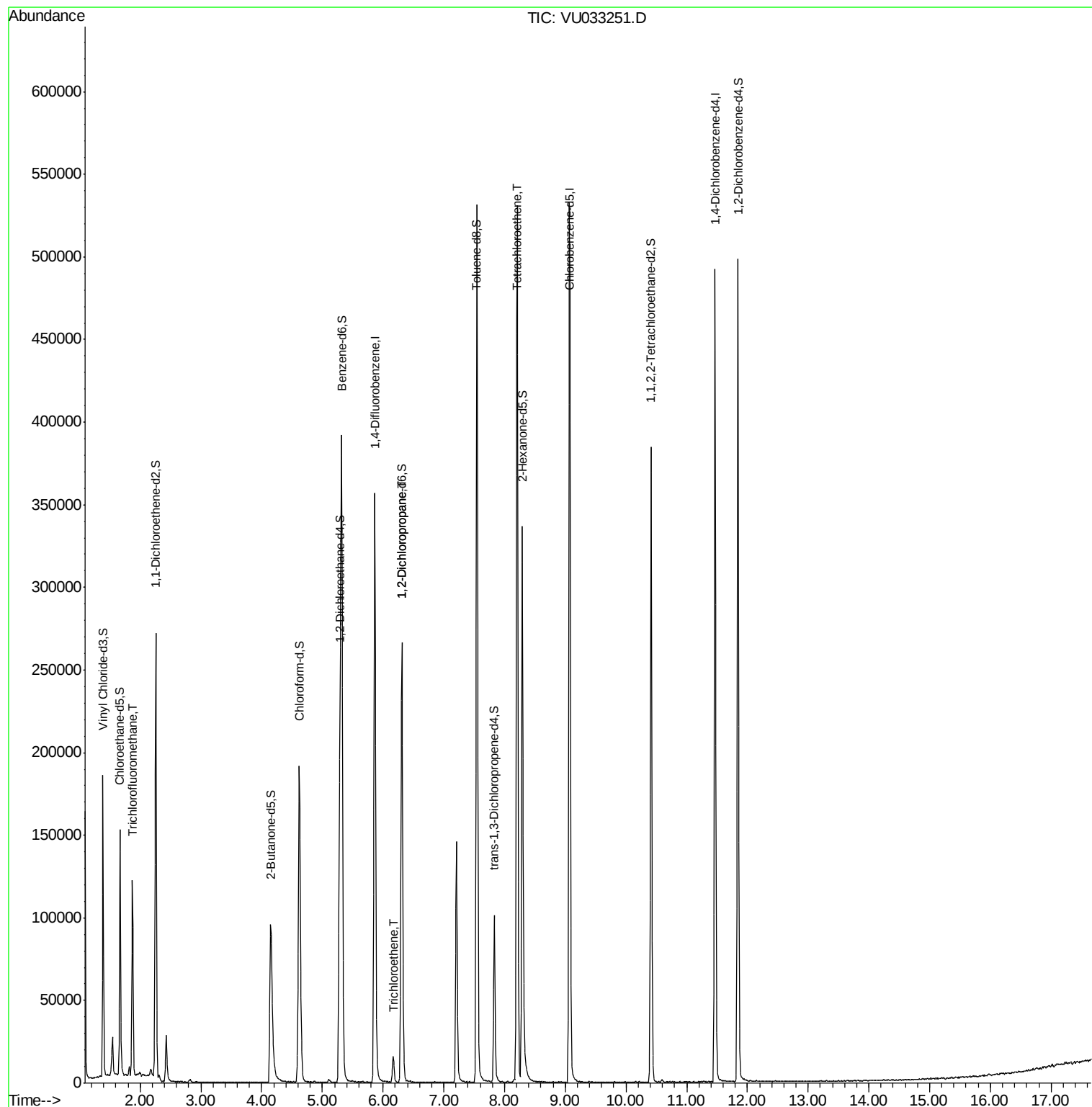
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.87	101	67914	15.387	ug/L	99
34) Trichloroethene	6.17	95	5327	2.375	ug/L	93
37) 1,2-Dichloropropane	6.31	63	13850	5.955	ug/L #	89
46) Tetrachloroethene	8.21	164	114831	66.132	ug/L	98

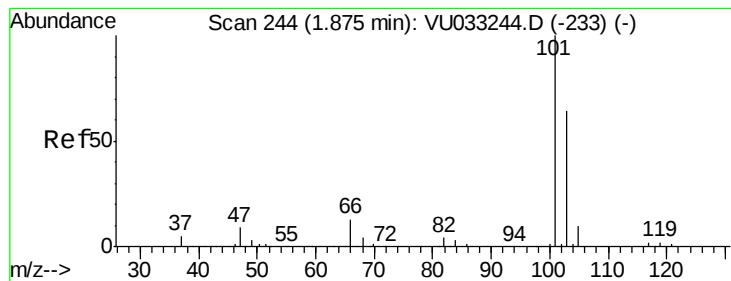
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 15.387 ug/L

RT: 1.87 min Scan# 244

Delta R.T. 0.00 min

Lab File: VU033251.D

Acq: 15 Jul 2019 12:11

Instrument :

MSVOA_U

ClientSampled :

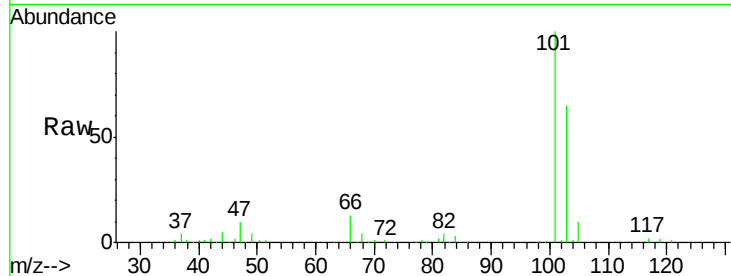
C0XL7

Tot Ion:101 Resp: 67914

Ion Ratio Lower Upper

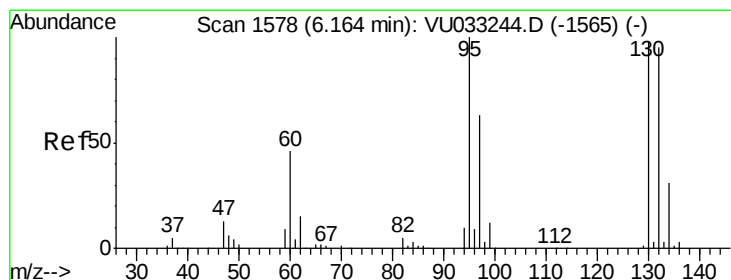
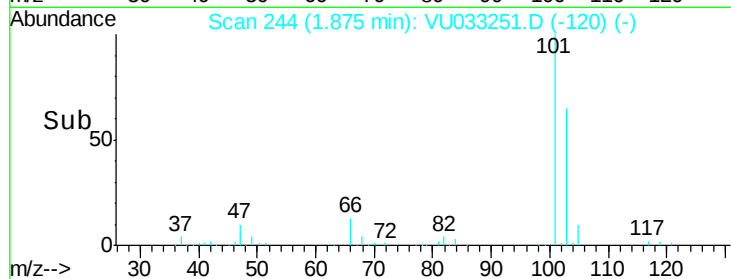
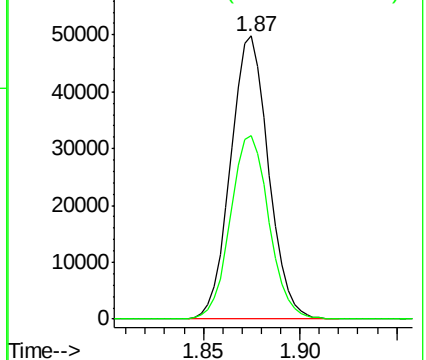
101 100

103 65.9 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 2.375 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033251.D

Acq: 15 Jul 2019 12:11

Tgt Ion: 95 Resp: 5327

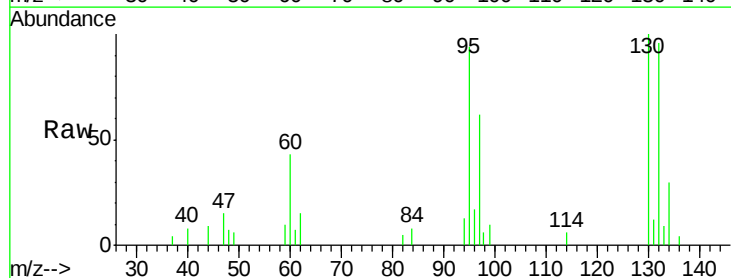
Ion Ratio Lower Upper

95 100

97 66.0 43.8 81.4

132 102.3 65.5 121.6

130 106.4 69.7 129.5

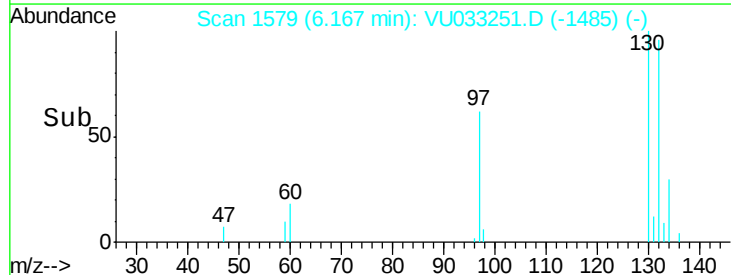
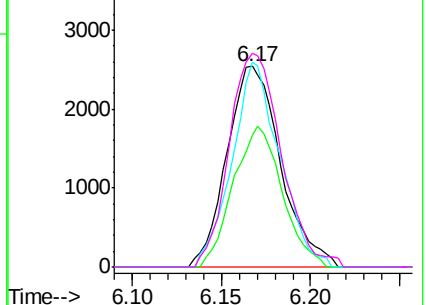


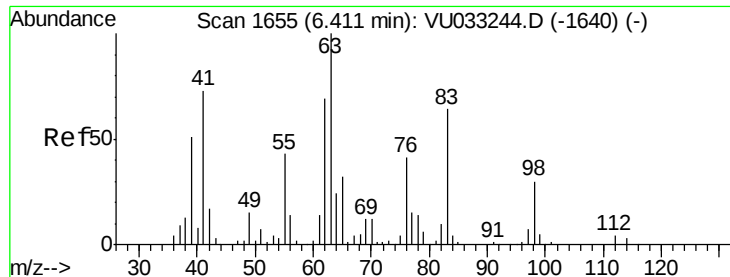
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

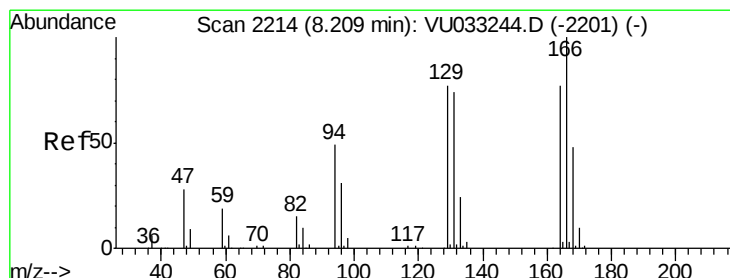
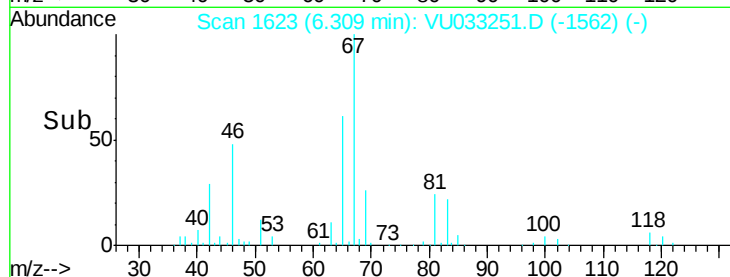
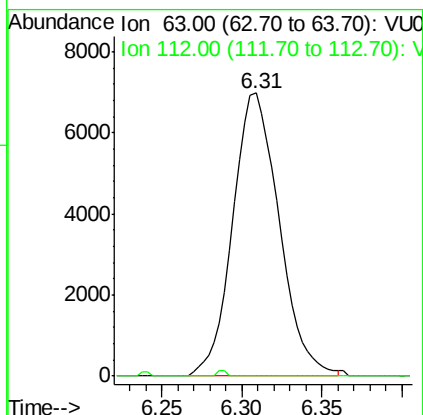
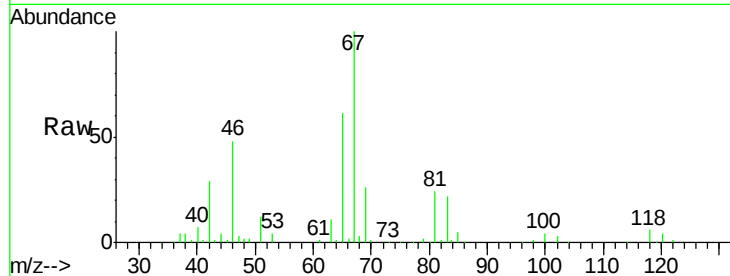




#37
 1,2-Dichloropropane
 Concen: 5.955 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033251.D
 Acq: 15 Jul 2019 12:11

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Tot Ion: 63 Resp: 13850
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.2 4.8#



#46
 Tetrachloroethene
 Concen: 66.132 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU033251.D
 Acq: 15 Jul 2019 12:11

Tgt Ion:164 Resp: 114831
 Ion Ratio Lower Upper
 164 100
 129 95.6 69.6 129.2
 131 91.8 65.7 122.1
 166 127.2 88.5 164.4

