

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033720.D
 Acq On : 10 Aug 2019 10:46
 Operator : JC/SP
 Sample : VU0810WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

Quant Time: Aug 11 04:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:24:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	313148	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297057	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	144518	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127561	55.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.68%
7) Chloroethane-d5	1.67	69	111409	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.44%
11) 1,1-Dichloroethene-d2	2.26	63	164183	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
21) 2-Butanone-d5	4.15	46	177690	124.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.34%
24) Chloroform-d	4.62	84	187060	54.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.24%
26) 1,2-Dichloroethane-d4	5.29	65	121091	56.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.10%
32) Benzene-d6	5.32	84	394484	56.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.54%
36) 1,2-Dichloropropane-d6	6.31	67	123165	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.50%
41) Toluene-d8	7.55	98	353506	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%
43) trans-1,3-Dichloropropene-	7.83	79	58064	53.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.90%
47) 2-Hexanone-d5	8.30	63	131023	117.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	178603	56.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.24%
64) 1,2-Dichlorobenzene-d4	11.85	152	137142	56.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.76%

Target Compounds

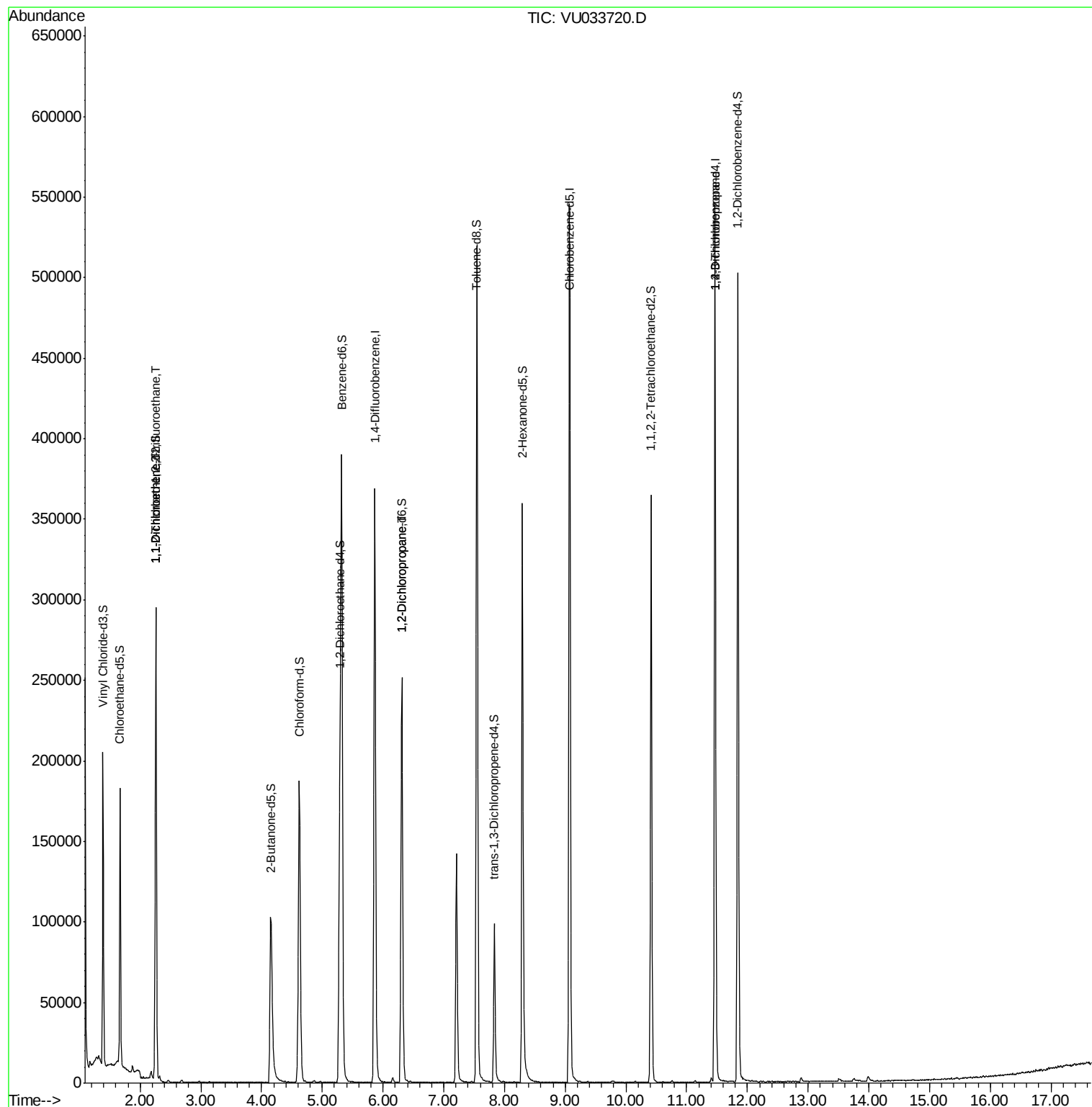
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1477	0.788 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	1542	0.837 ug/L #	1
37) 1,2-Dichloropropane	6.31	63	13511	6.124 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	17372	5.824 ug/L	94

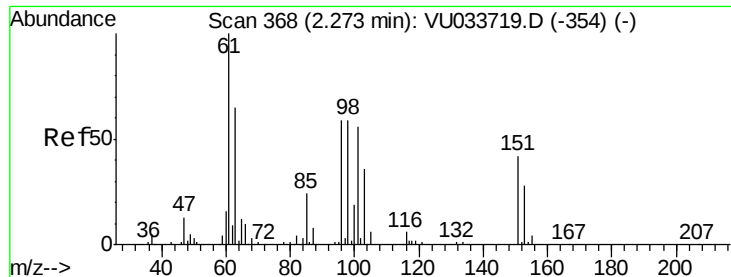
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:24:38 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.788 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033720.D

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MSVOA_U

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VBLK48

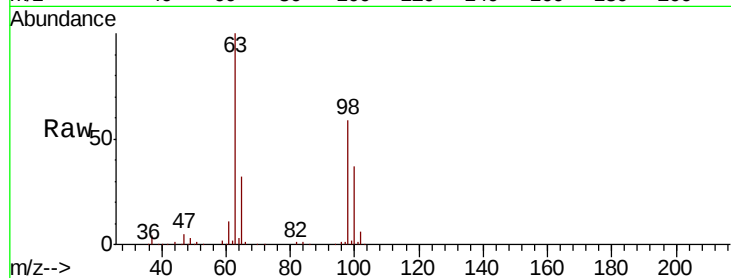
Tgt Ion: 101 Resp: 1477

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

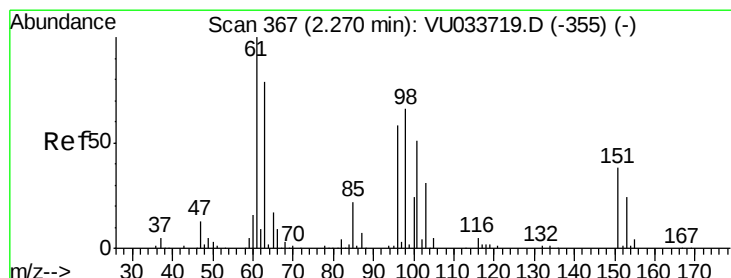
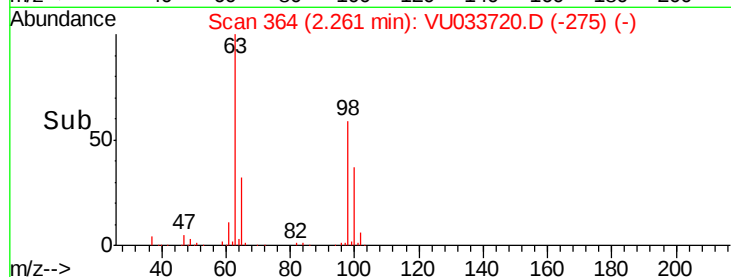
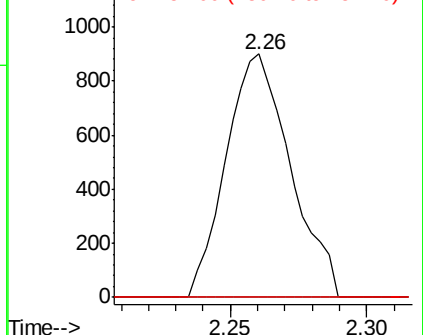
151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.837 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033720.D

Acq: 10 Aug 2019 10:46

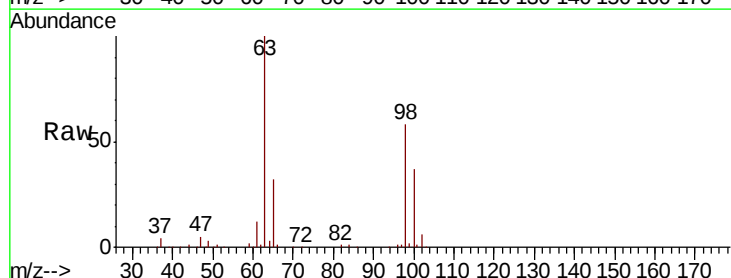
Tgt Ion: 96 Resp: 1542

Ion Ratio Lower Upper

96 100

61 1240.5 118.2 219.6#

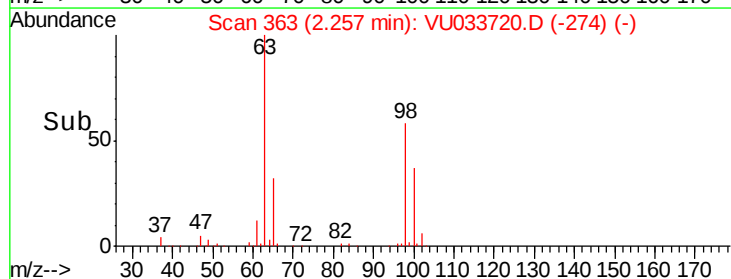
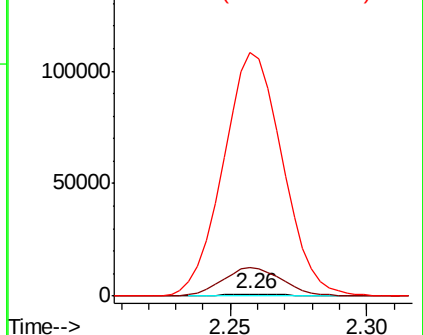
63 10747.2 90.7 168.5#

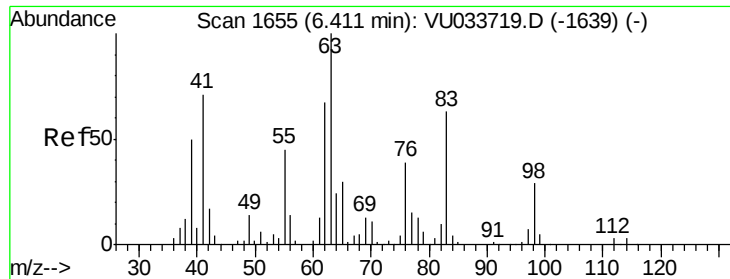


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

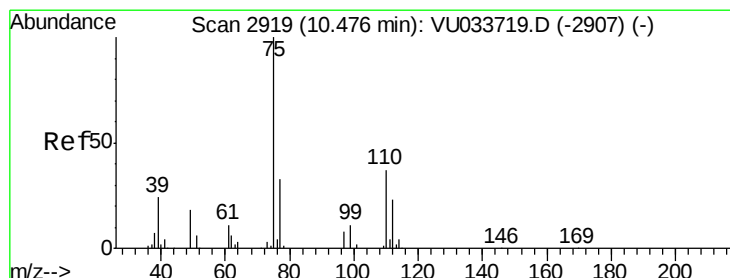
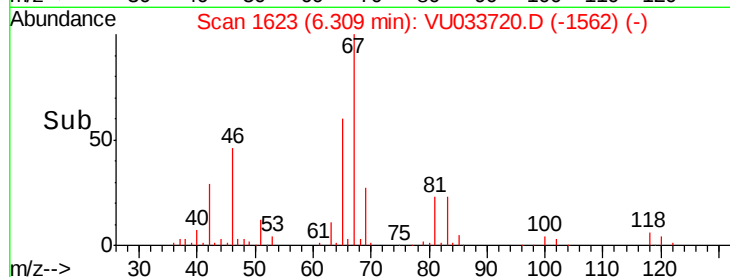
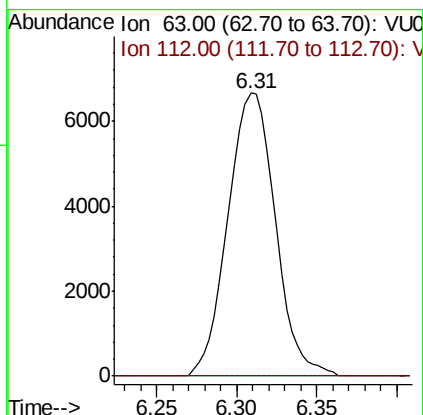
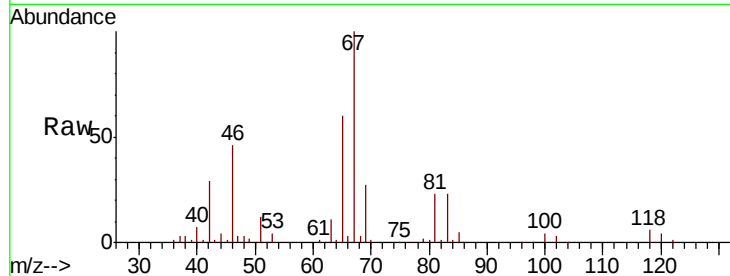




#37
 1,2-Dichloropropane
 Concen: 6.124 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033720.D
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Tgt Ion: 63 Resp: 13511
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.824 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033720.D
 Acq: 10 Aug 2019 10:46

Tgt Ion: 75 Resp: 17372
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.4 39.6

