

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033730.D
 Acq On : 10 Aug 2019 21:16
 Operator : JC/SP
 Sample : VU0810WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

Quant Time: Aug 11 04:53:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:51:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	323021	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	320310	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	151580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	122412	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.96%
7) Chloroethane-d5	1.67	69	114671	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.22%
11) 1,1-Dichloroethene-d2	2.26	63	154667	38.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.36%
21) 2-Butanone-d5	4.15	46	166574	113.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	4.62	84	185642	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
26) 1,2-Dichloroethane-d4	5.29	65	119317	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
32) Benzene-d6	5.32	84	389765	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
36) 1,2-Dichloropropane-d6	6.31	67	121806	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.55	98	342860	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%
43) trans-1,3-Dichloropropene-	7.83	79	56120	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.29	63	127072	105.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176815	51.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	132563	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

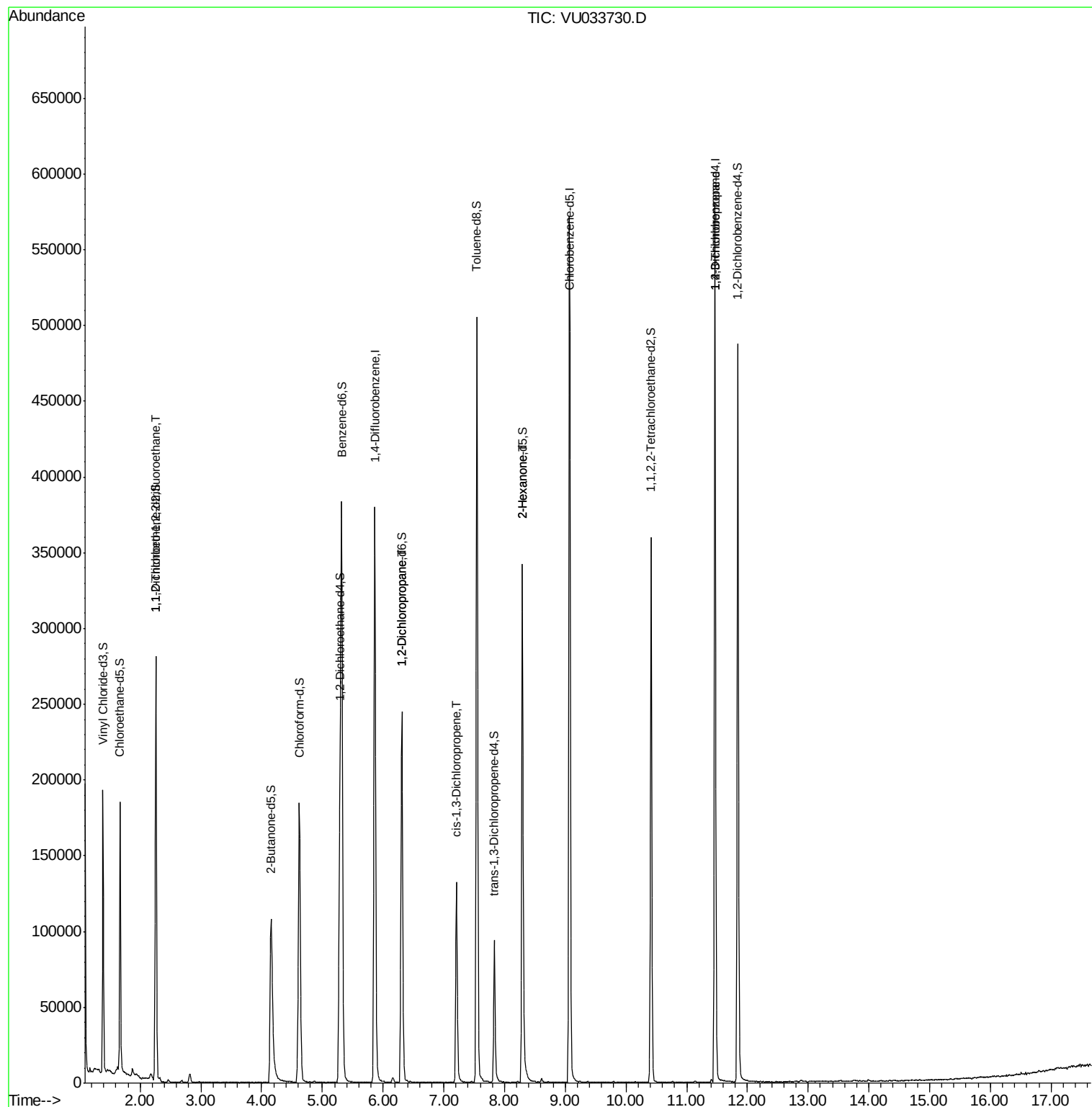
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1540	0.796 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	12976	5.455 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3485	0.922 ug/L #	62
48) 2-Hexanone	8.30	43	14149	5.079 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	17761	5.523 ug/L	95

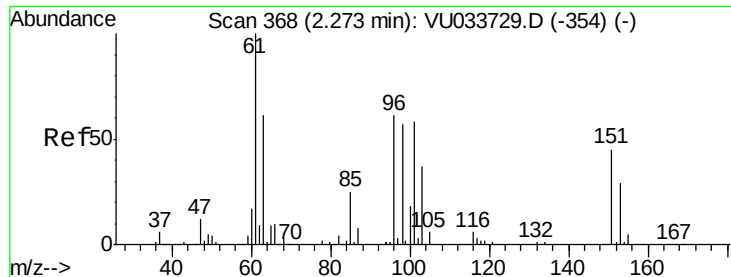
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Aug 11 04:51:09 2019
Response via : Initial Calibration





#10

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

Concen: 0.796 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033730.D

Acq: 10 Aug 2019 21:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK49

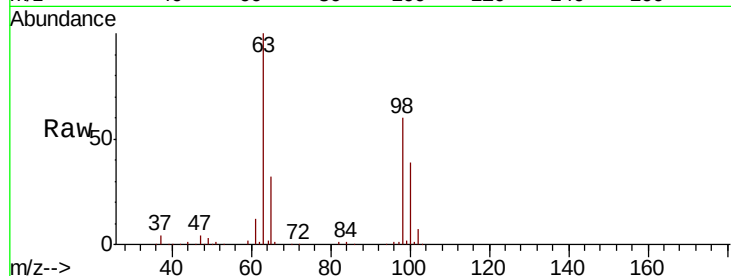
Tgt Ion: 101 Resp: 1540

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

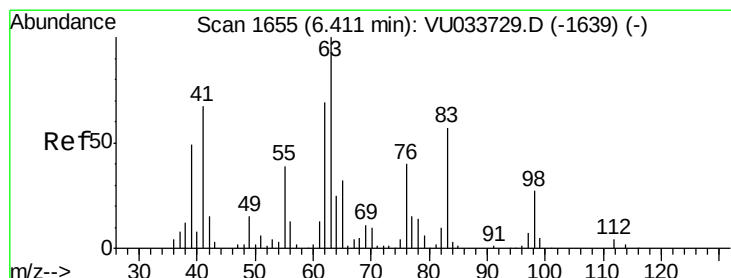
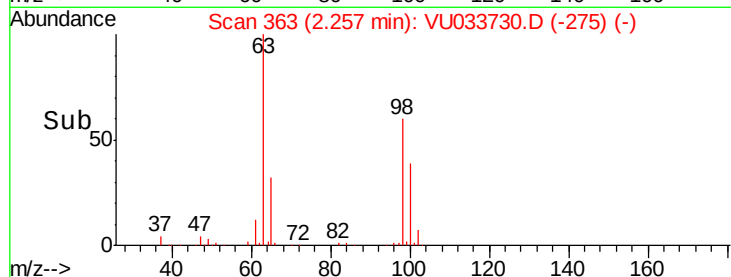
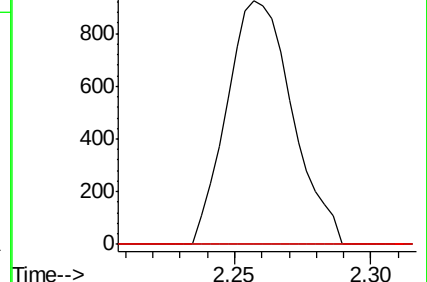
151 0.0 63.0 94.4#



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



#37

1,2-Dichloropropane

Concen: 5.455 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.11 min

Lab File: VU033730.D

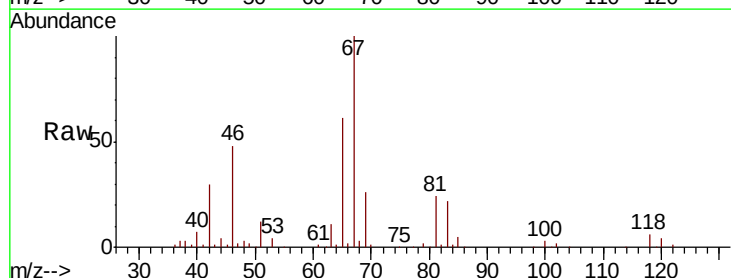
Acq: 10 Aug 2019 21:16

Tgt Ion: 63 Resp: 12976

Ion Ratio Lower Upper

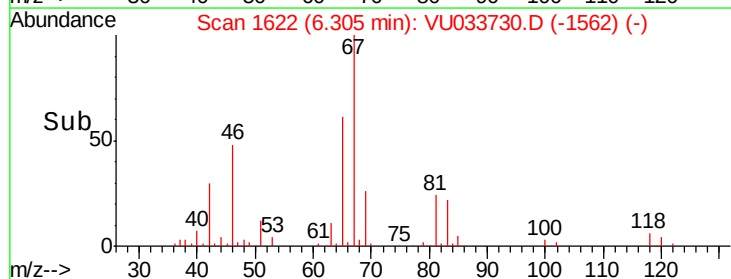
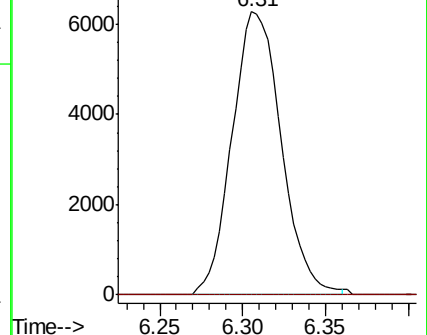
63 100

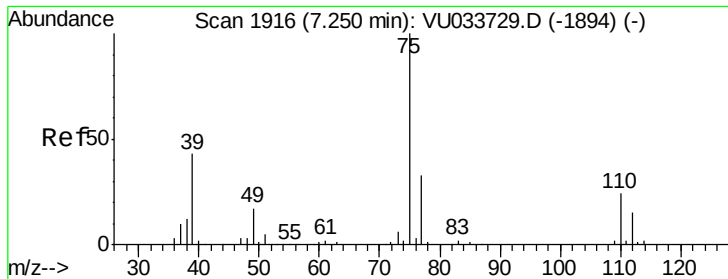
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

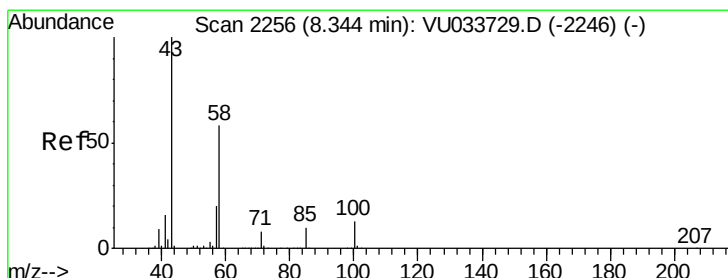
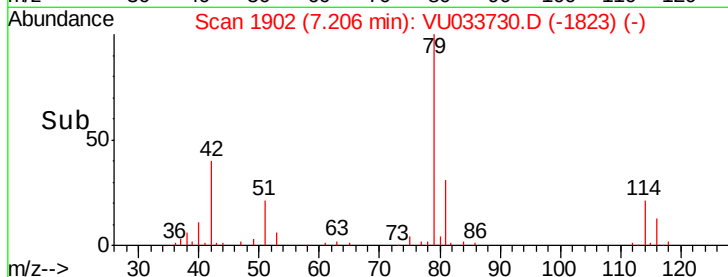
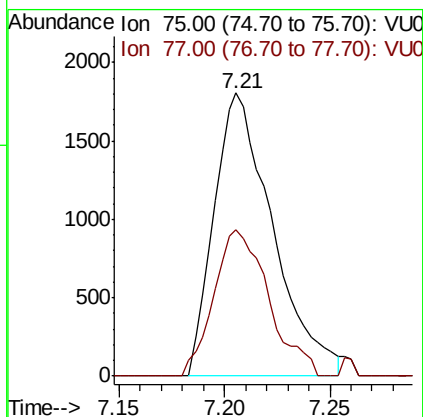
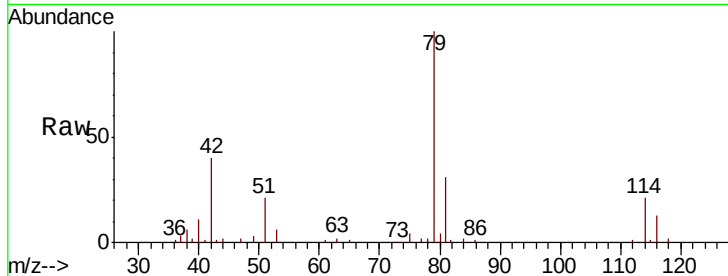




#39
 cis-1,3-Dichloropropene
 Concen: 0.922 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033730.D
 Acq: 10 Aug 2019 21:16

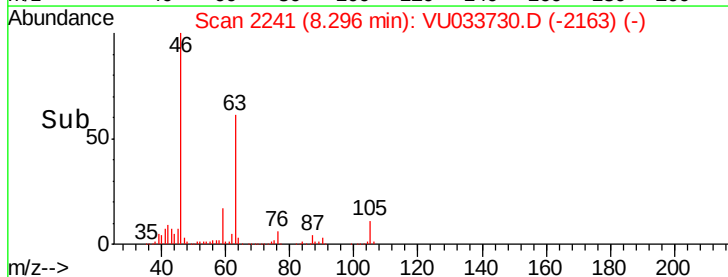
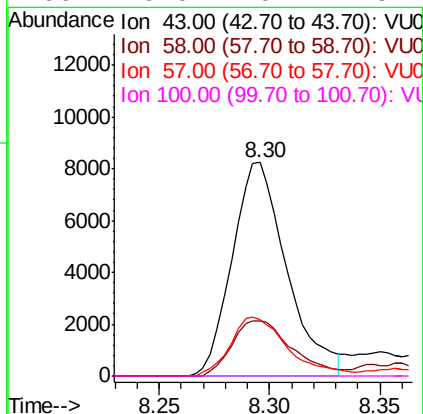
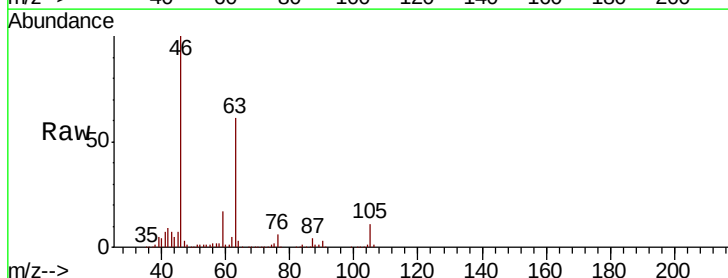
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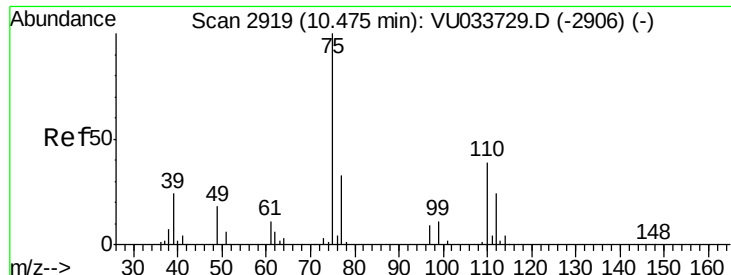
Tgt Ion: 75 Resp: 3485
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.7 40.3#



#48
 2-Hexanone
 Concen: 5.079 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033730.D
 Acq: 10 Aug 2019 21:16

Tgt Ion: 43 Resp: 14149
 Ion Ratio Lower Upper
 43 100
 58 28.7 46.6 70.0#
 57 29.2 16.2 24.4#
 100 0.0 10.1 15.1#





#59

1,2,3-Trichloropropane

Concen: 5.523 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033730.D

Acq: 10 Aug 2019 21:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK49

Tgt Ion: 75 Resp: 17761

Ion Ratio Lower Upper

75 100

77 36.0 26.4 39.6

