

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035676.D
 Acq On : 07 Nov 2019 21:40
 Operator : JC/SP
 Sample : K5739-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Nov 08 06:17:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	684365	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	657113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	195257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	253772	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.82%
7) Chloroethane-d5	1.93	69	212537	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.30%
11) 1,1-Dichloroethene-d2	2.60	63	299102	34.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.60%
21) 2-Butanone-d5	4.69	46	325032	100.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.67%
24) Chloroform-d	5.11	84	406236	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.75	65	257162	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.77	84	863486	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
36) 1,2-Dichloropropane-d6	6.74	67	278841	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.93	98	778416	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%
43) trans-1,3-Dichloropropene-	8.21	79	122599	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.68	63	205679	96.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.61%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	378520	47.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.84%
64) 1,2-Dichlorobenzene-d4	12.22	152	209591	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%

Target Compounds

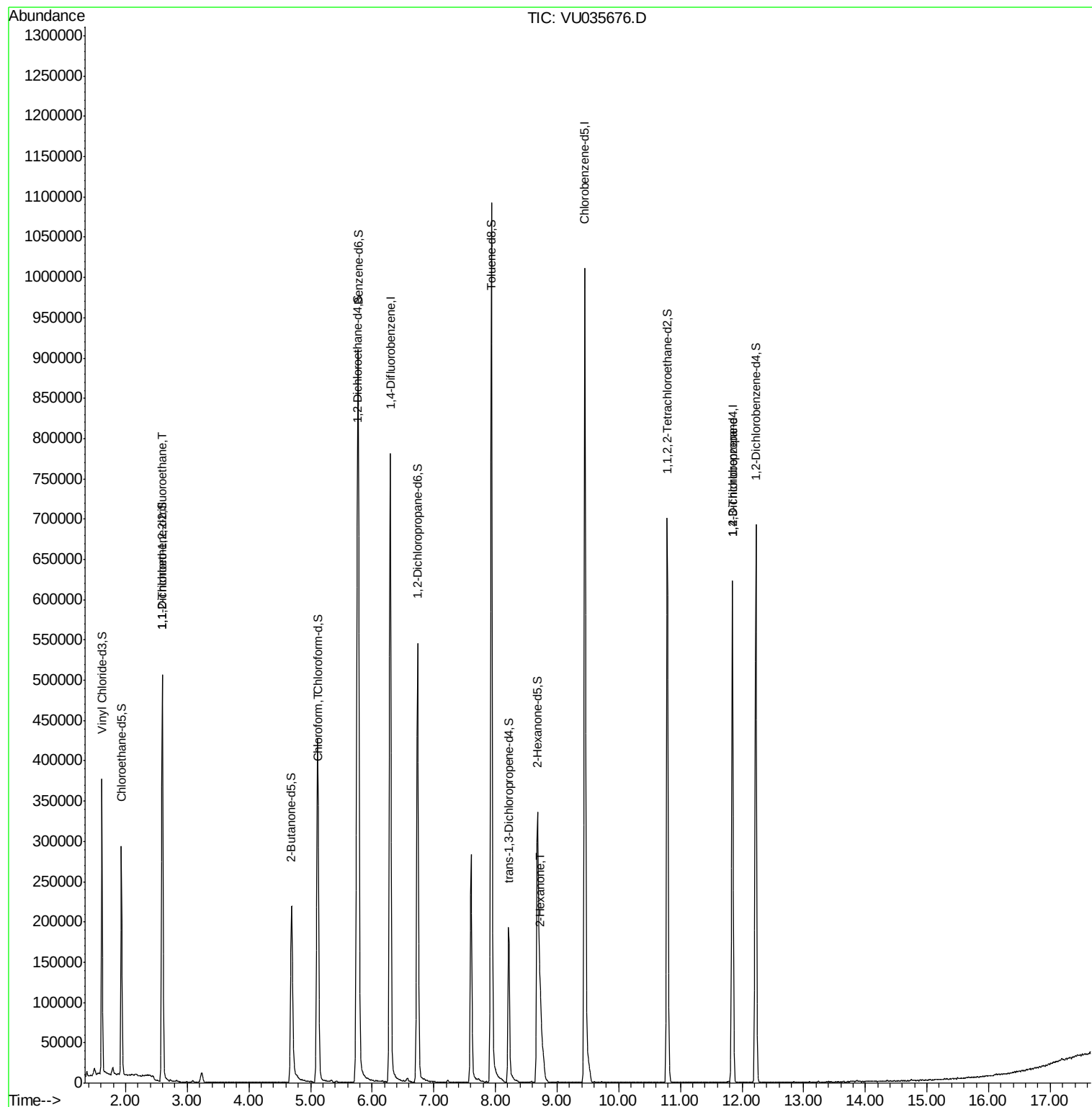
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3038	0.714 ug/L #	19
25) Chloroform	5.13	83	8270	0.959 ug/L	81
48) 2-Hexanone	8.73	43	27560	5.122 ug/L #	81
59) 1,2,3-Trichloropropane	11.84	75	21258	3.297 ug/L	97

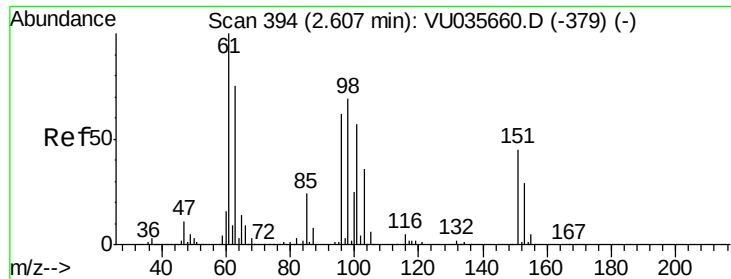
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.714 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

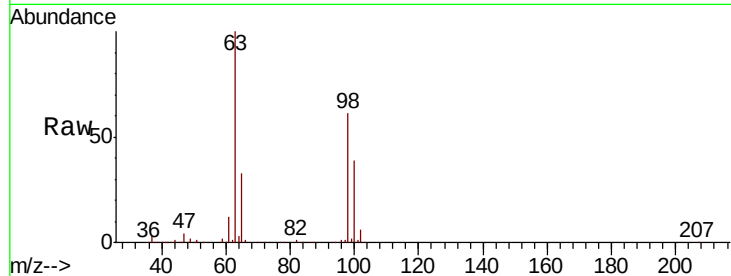
Tot Ion:101 Resp: 3038

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

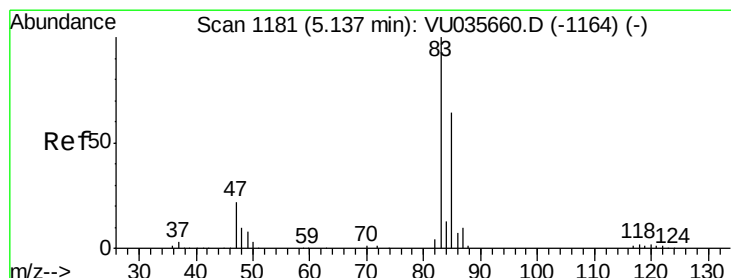
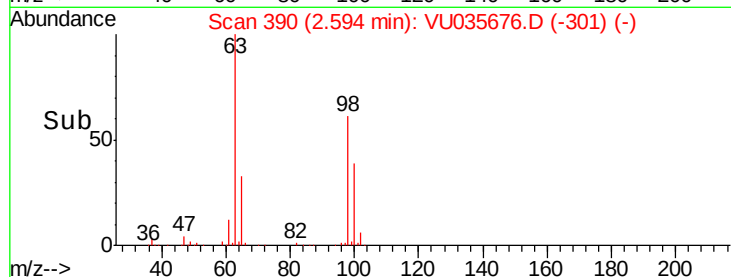
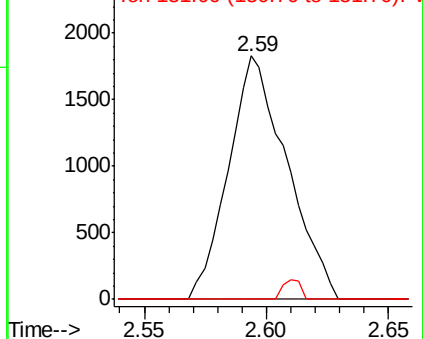
151 2.4 64.2 96.4#



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



#25

Chloroform

Concen: 0.959 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

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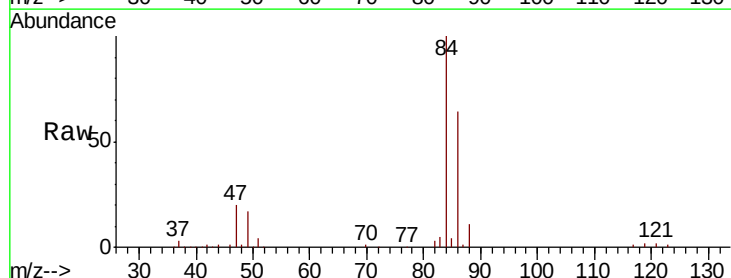
Acq: 07 Nov 2019 21:40

Tgt Ion: 83 Resp: 8270

Ion Ratio Lower Upper

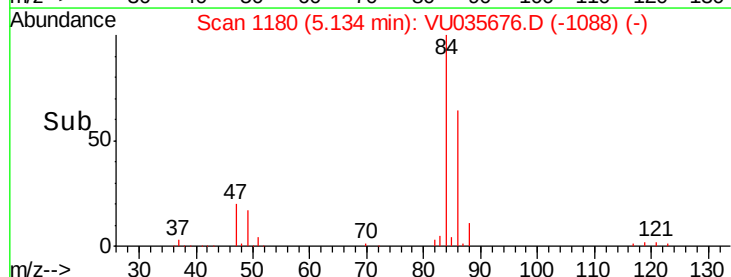
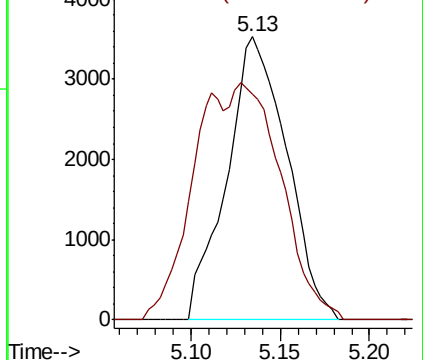
83 100

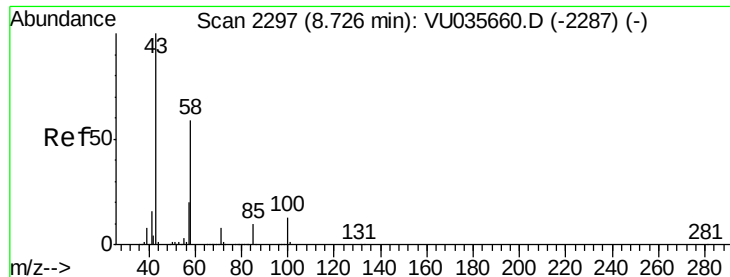
85 79.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

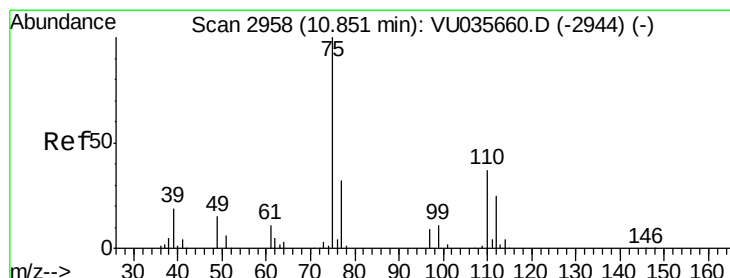
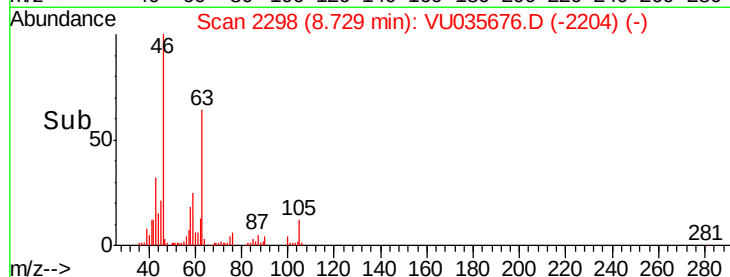
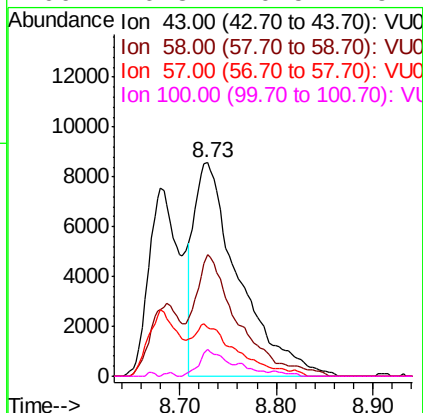
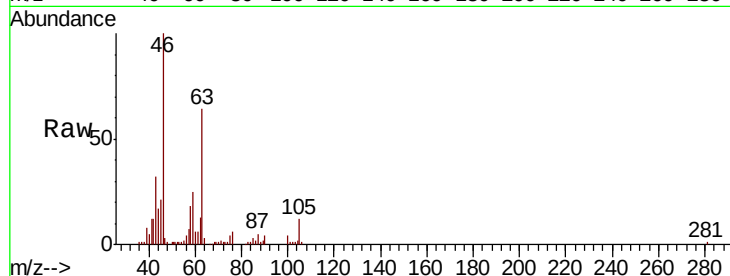




#48
2-Hexanone
Concen: 5.122 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampled :
VHBLK01

Tot Ion: 43 Resp: 27560
Ion Ratio Lower Upper
43 100
58 44.6 50.4 75.6#
57 17.7 17.4 26.0
100 6.8 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 3.297 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035676.D
Acq: 07 Nov 2019 21:40

Tgt Ion: 75 Resp: 21258
Ion Ratio Lower Upper
75 100
77 33.9 25.7 38.5

