

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031159.D
 Acq On : 13 Apr 2019 16:17
 Operator : JC/SP
 Sample : K2341-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB728

Quant Time: Apr 15 11:41:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	197052	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.28%
7) Chloroethane-d5	1.66	69	157395	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.22%
11) 1,1-Dichloroethene-d2	2.26	63	267790	35.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.84%
21) 2-Butanone-d5	4.17	46	308779	93.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.20%
24) Chloroform-d	4.64	84	328196	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
26) 1,2-Dichloroethane-d4	5.30	65	221359	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
32) Benzene-d6	5.33	84	660195	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
36) 1,2-Dichloropropane-d6	6.32	67	221400	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.56	98	541479	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.85	79	96469	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.31	63	185363	87.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306683	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	197363	55.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

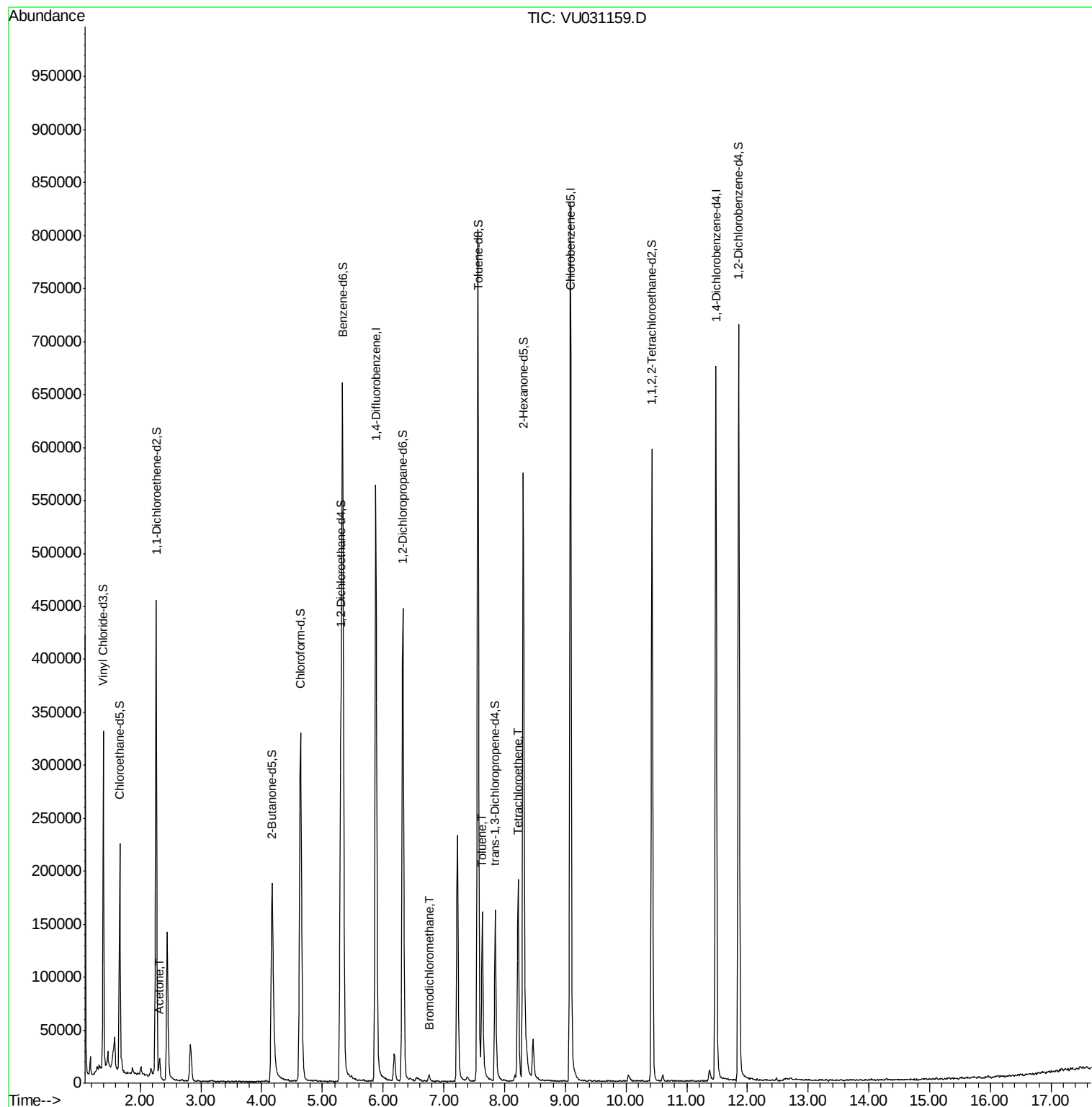
					Ovalue
13) Acetone	2.32	43	16818	4.961 ug/L	97
38) Bromodichloromethane	6.76	83	5446	1.050 ug/L #	83
42) Toluene	7.63	91	114851	7.414 ug/L	98
46) Tetrachloroethene	8.22	164	43665	16.135 ug/L	97

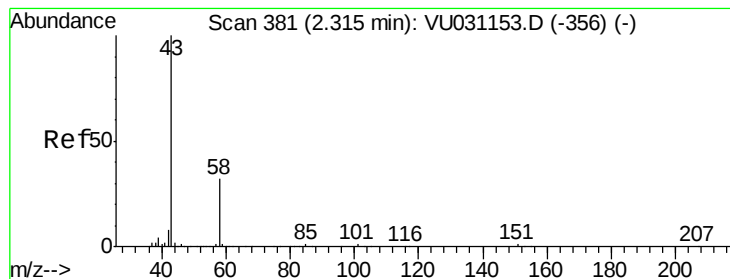
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.961 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

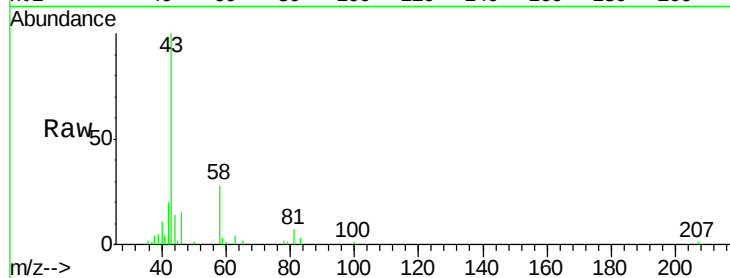
DB728

Tot Ion: 43 Resp: 16818

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

10000

8000

6000

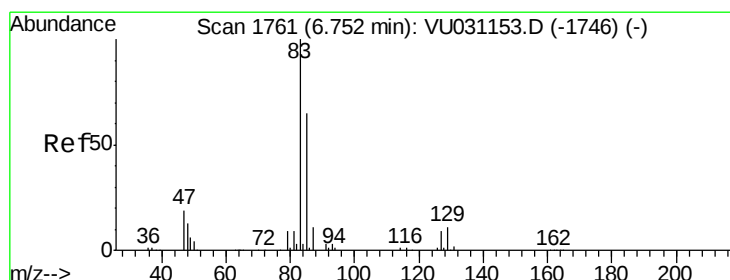
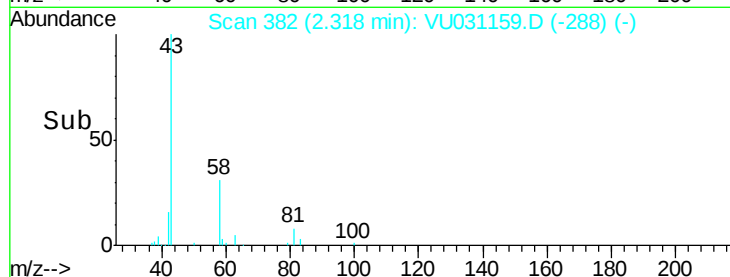
4000

2000

0

Time-->

2.25 2.30 2.35



#38

Bromodichloromethane

Concen: 1.050 ug/L

RT: 6.76 min Scan# 1763

Delta R.T. 0.01 min

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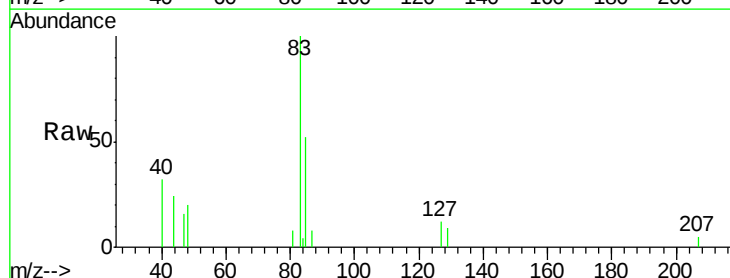
Tgt Ion: 83 Resp: 5446

Ion Ratio Lower Upper

83 100

85 51.7 46.5 86.3

127 11.9 6.6 10.0#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

6.76

3000

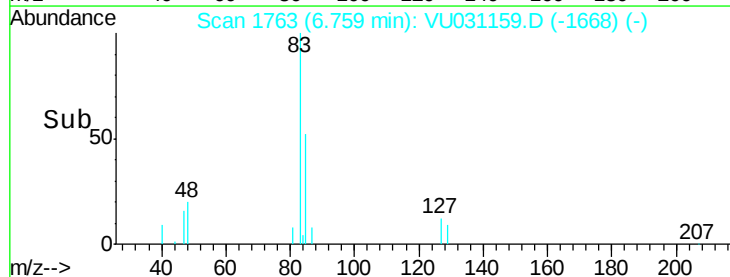
2000

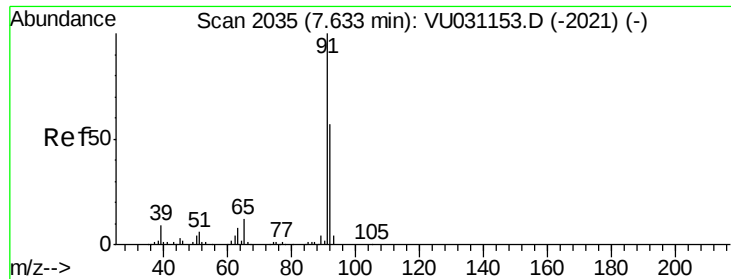
1000

0

Time-->

6.70 6.75 6.80





#42

Toluene

Concen: 7.414 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

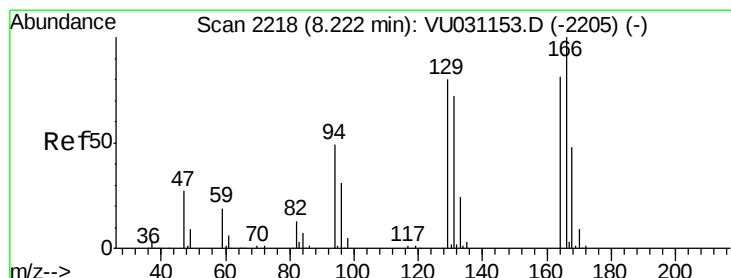
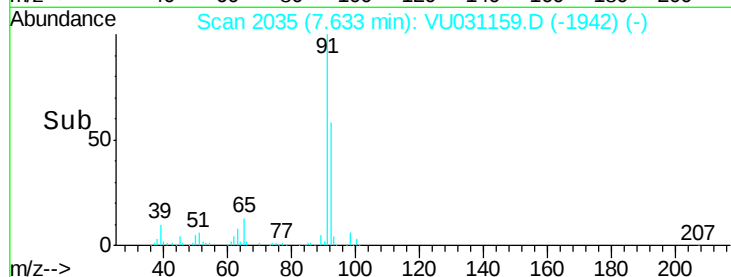
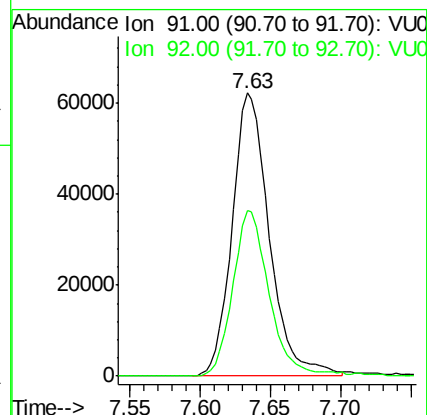
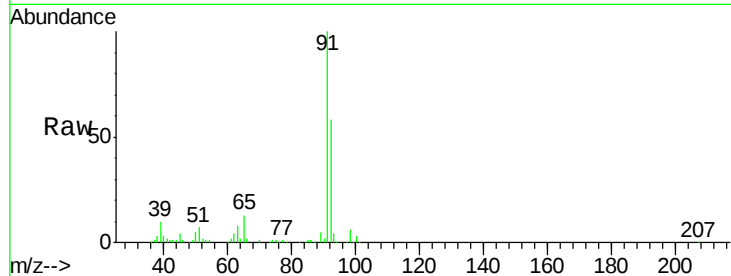
DB728

Tot Ion: 91 Resp: 114851

Ion Ratio Lower Upper

91 100

92 58.5 40.0 74.4



#46

Tetrachloroethene

Concen: 16.135 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031159.D

Acq: 13 Apr 2019 16:17

Tgt Ion:164 Resp: 43665

Ion Ratio Lower Upper

164 100

129 100.6 67.4 125.2

131 93.1 65.9 122.5

166 129.8 88.6 164.6

