

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031119.D
 Acq On : 12 Apr 2019 10:55
 Operator : JC/SP
 Sample : K2341-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 111 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB728

Quant Time: Apr 13 00:08:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513277	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	229082	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	172193	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.27	63	289154	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	4.17	46	302590	83.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.33%
24) Chloroform-d	4.64	84	328893	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
26) 1,2-Dichloroethane-d4	5.30	65	222206	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
32) Benzene-d6	5.34	84	667484	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
36) 1,2-Dichloropropane-d6	6.32	67	223521	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.58%
41) Toluene-d8	7.56	98	576774	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%
43) trans-1,3-Dichloropropene-	7.85	79	100364	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.31	63	178403	76.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297685	43.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	214619	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%

Target Compounds

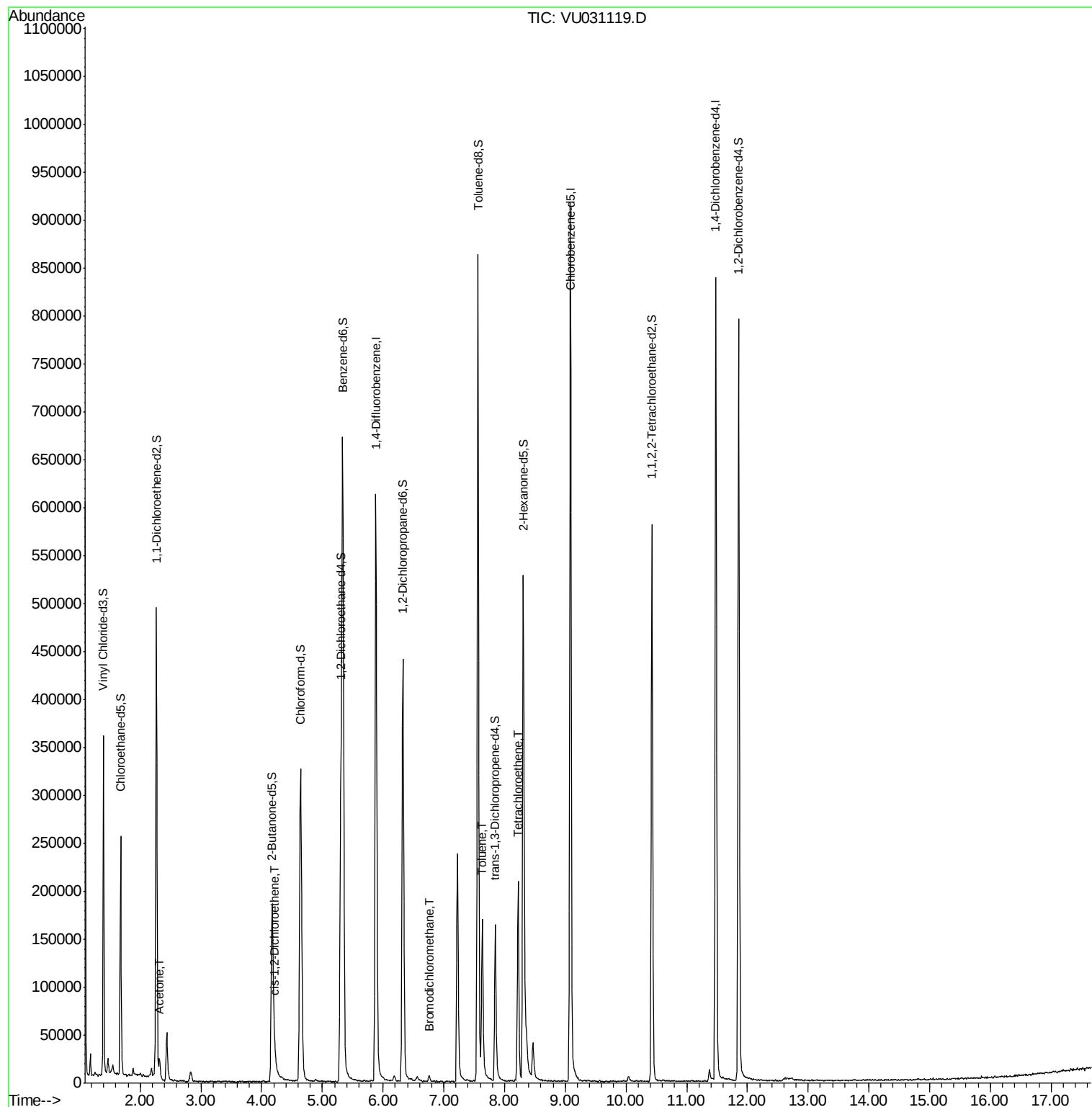
					Ovalue
13) Acetone	2.31	43	20344	5.475 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	2914	0.701 ug/L	93
38) Bromodichloromethane	6.76	83	4968	0.871 ug/L #	89
42) Toluene	7.64	91	125214	7.346 ug/L	98
46) Tetrachloroethene	8.22	164	47750	16.037 ug/L	97

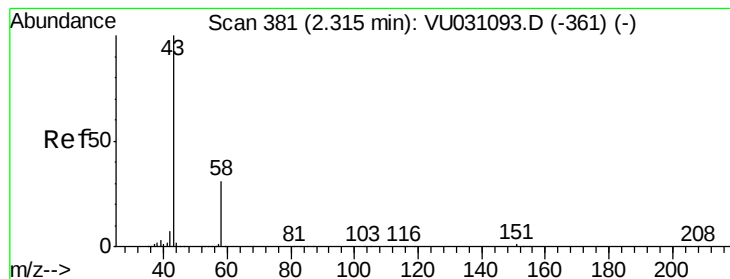
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.475 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

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MSVOA_U

ClientSampleId :

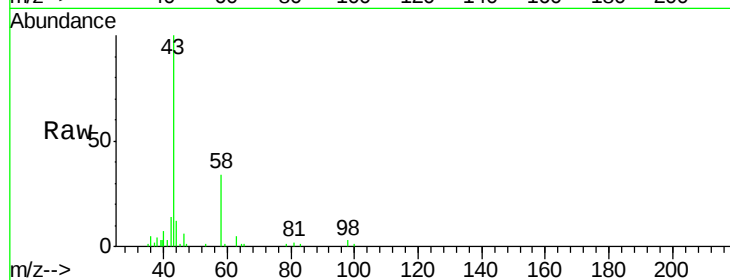
DB728

Tot Ion: 43 Resp: 20344

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031119.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031119.D (-288) (-)

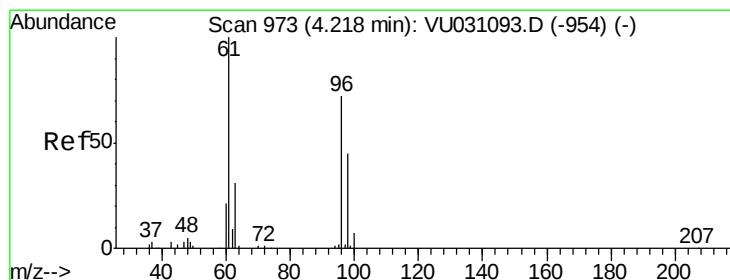
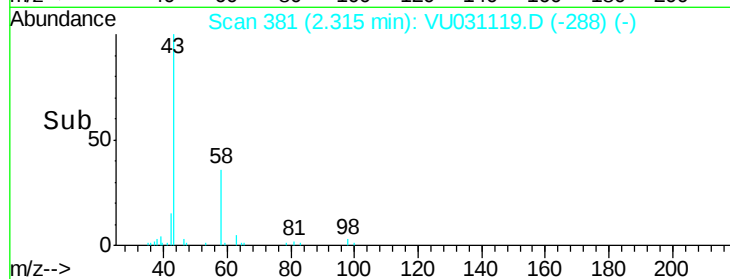
2.31

10000

5000

0

Time--> 2.25 2.30 2.35



#20

cis-1,2-Dichloroethene

Concen: 0.701 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

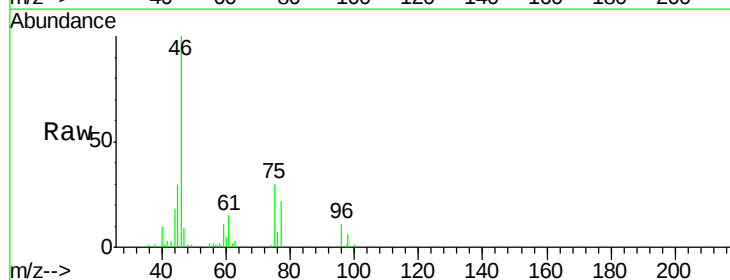
Tgt Ion: 96 Resp: 2914

Ion Ratio Lower Upper

96 100

61 137.9 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031119.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU031119.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU031119.D (-880) (-)

4.22

2500

2000

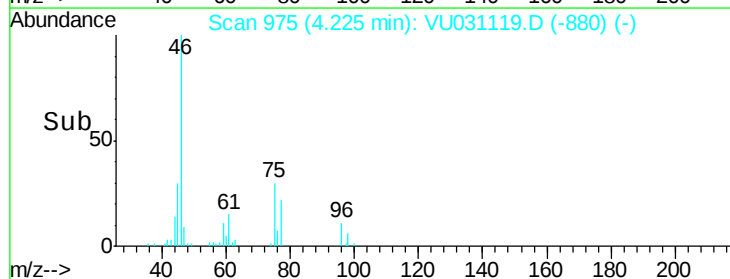
1500

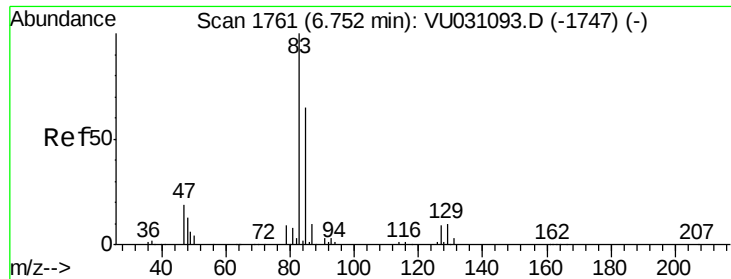
1000

500

0

Time--> 4.20 4.25





#38

Bromodichloromethane

Concen: 0.871 ug/L

RT: 6.76 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VU031119.D

Acq: 12 Apr 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

DB728

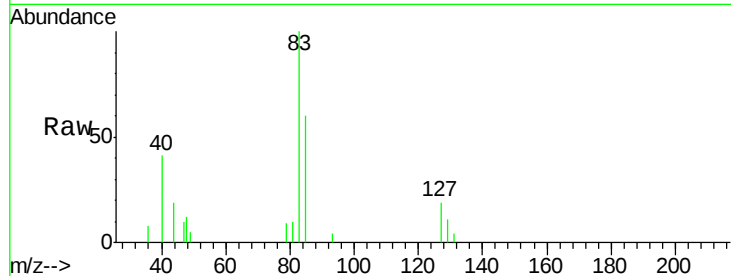
Tot Ion: 83 Resp: 4968

Ion Ratio Lower Upper

83 100

85 59.8 46.5 86.3

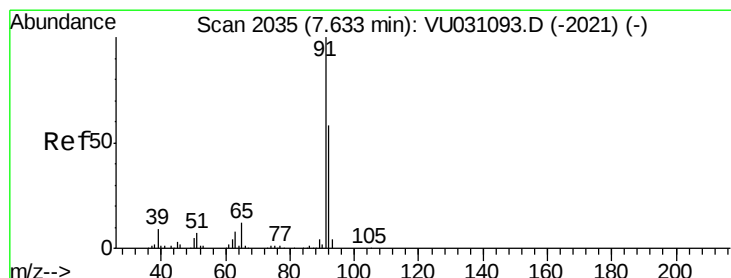
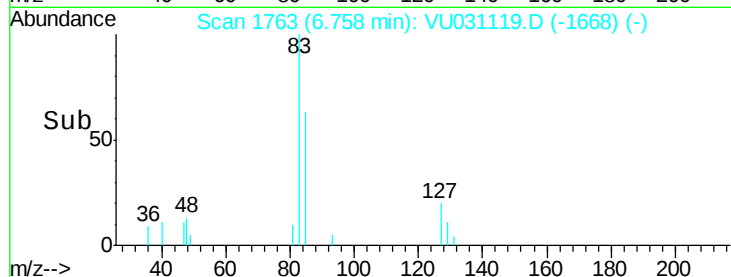
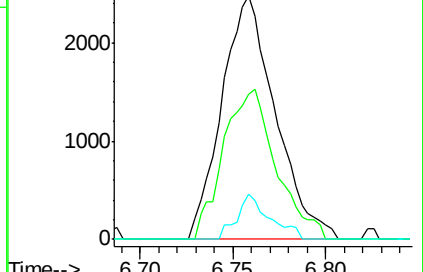
127 18.7 6.6 10.0#



Abundance Ion 83.00 (82.70 to 83.70): VU031119.D (-1747) (-)

Ion 85.00 (84.70 to 85.70): VU031119.D (-1747) (-)

Ion 127.00 (126.70 to 127.70): VU031119.D (-1747) (-)



#42

Toluene

Concen: 7.346 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031119.D

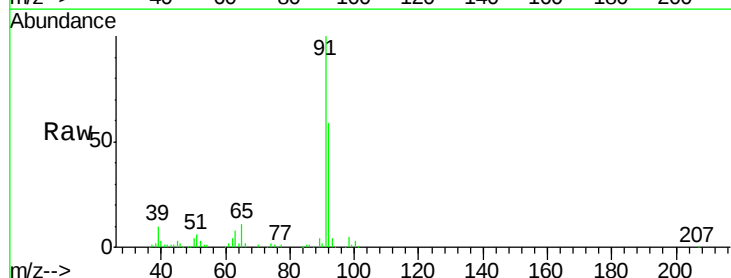
Acq: 12 Apr 2019 10:55

Tgt Ion: 91 Resp: 125214

Ion Ratio Lower Upper

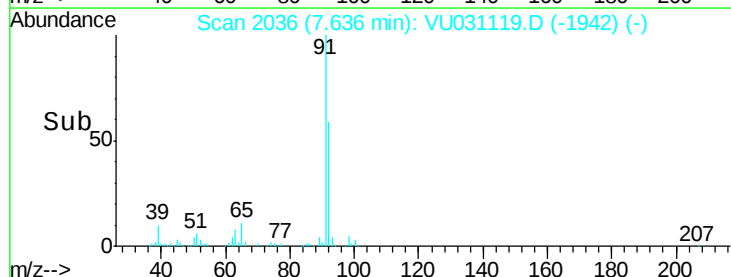
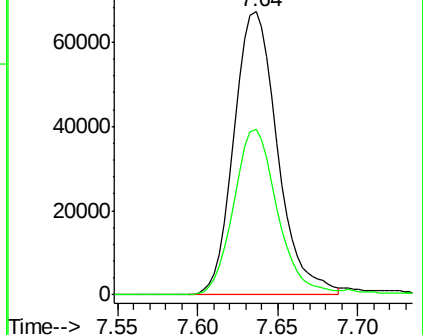
91 100

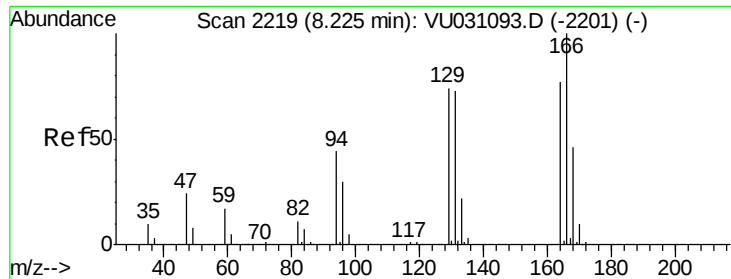
92 58.5 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031119.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU031119.D (-1942) (-)

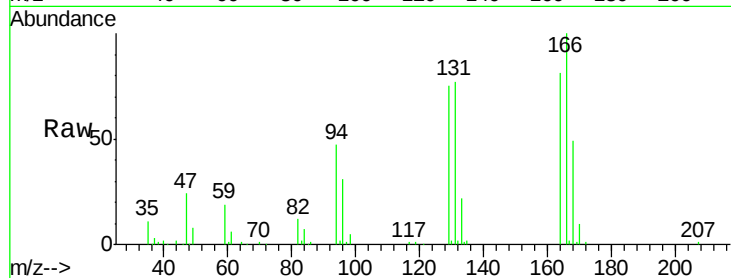




#46
Tetrachloroethene
Concen: 16.037 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031119.D
Acq: 12 Apr 2019 10:55

Instrument :
MSVOA_U
ClientSampleId :
DB728

Tot Ion:	164	Resp:	47750
Ion	Ratio	Lower	Upper
164	100		
129	92.1	67.4	125.2
131	94.3	65.9	122.5
166	122.9	88.6	164.6



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

