

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031834.D
 Acq On : 08 May 2019 20:37
 Operator : JC/SP
 Sample : K2739-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB853

Quant Time: May 09 06:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 05:32:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	415354	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446228	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143237	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.67	69	123764	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.27	63	211546	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.19	46	513145	46.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.64	84	287607	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	158269	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.33	84	533914	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.32	67	194976	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.56	98	417773	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	56697	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.31	63	333371	44.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	152432	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	147292	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

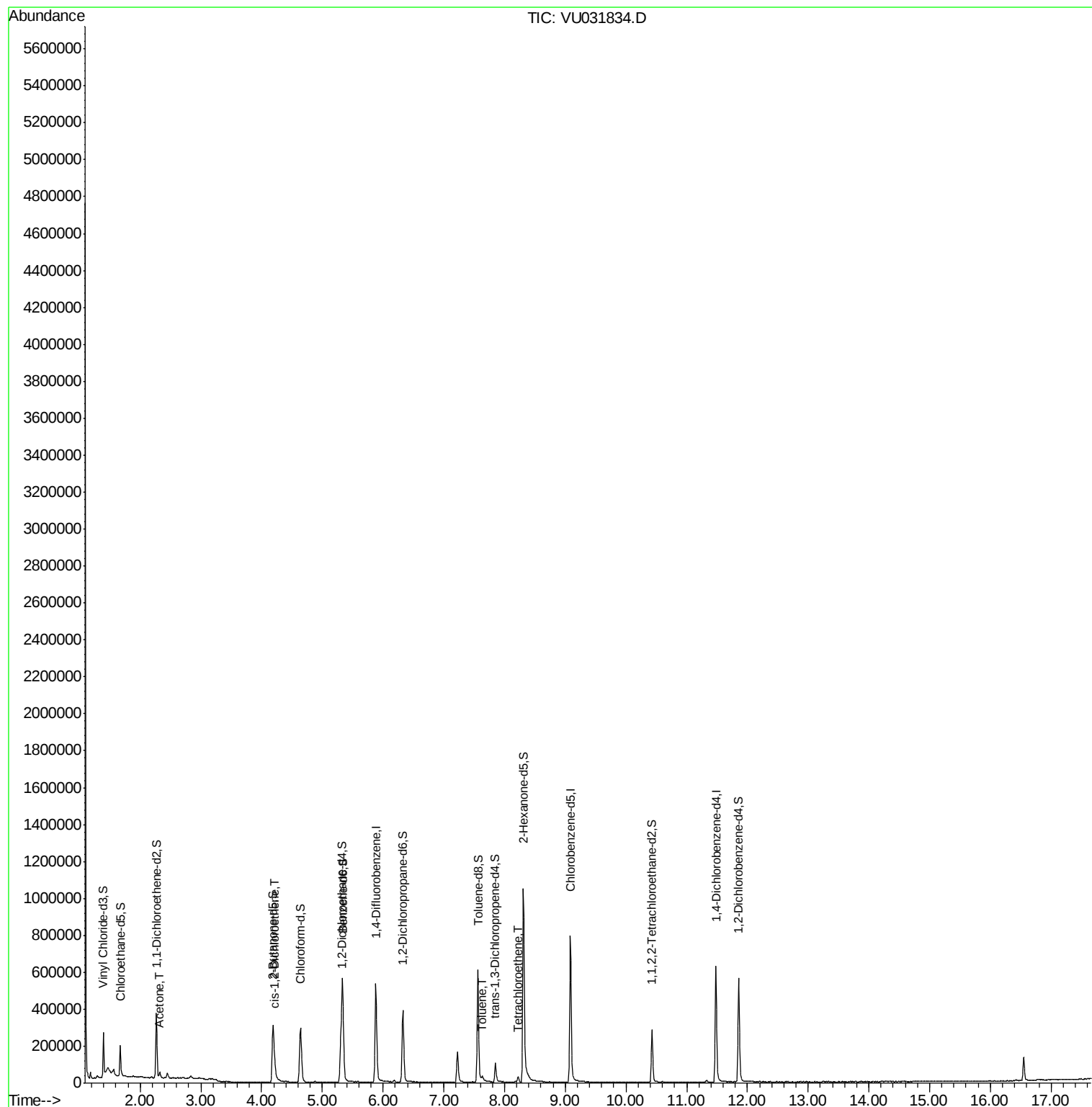
					Ovalue
13) Acetone	2.32	43	26198	3.471 ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	9000	0.246 ug/L	76
42) Toluene	7.64	91	15772	0.103 ug/L	92
47) Tetrachloroethene	8.22	164	7000	0.274 ug/L	87

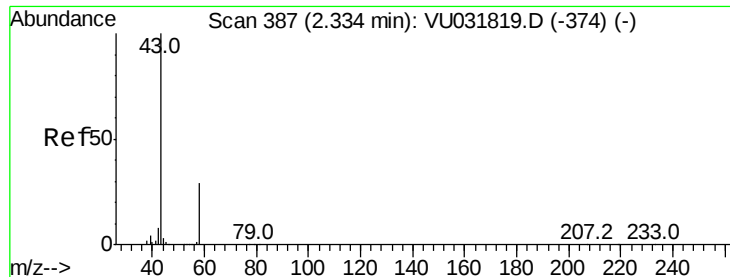
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.471 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

Instrument :

MSVOA_U

ClientSampleId :

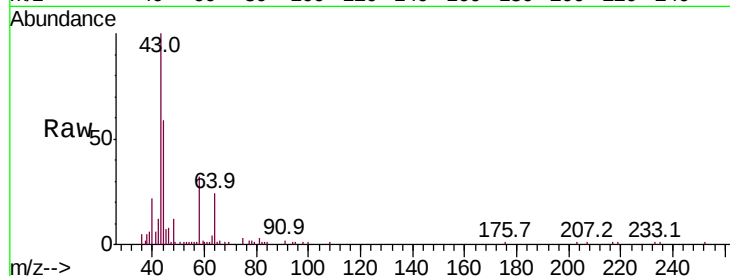
DB853

Tot Ion: 43 Resp: 26198

Ion Ratio Lower Upper

43 100

58 33.6 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031819.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU031819.D (-374) (-)

2.32

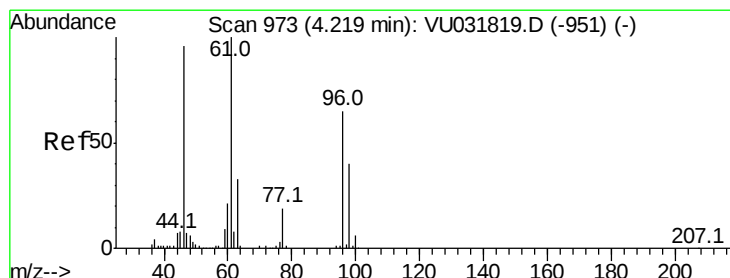
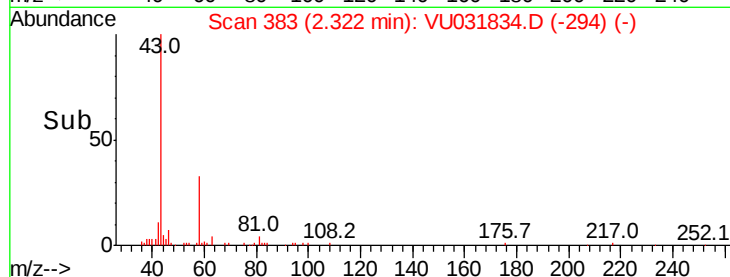
15000

10000

5000

0

Time--> 2.25 2.30 2.35



#22

cis-1,2-Dichloroethene

Concen: 0.246 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

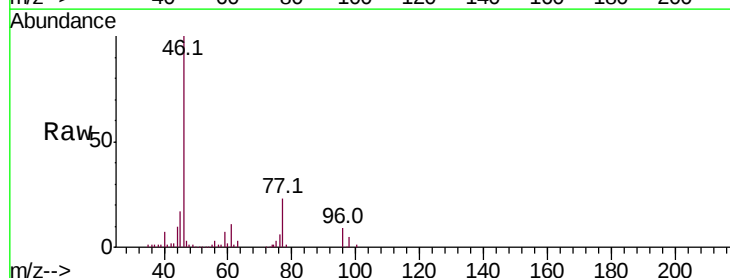
Tgt Ion: 96 Resp: 9000

Ion Ratio Lower Upper

96 100

61 129.9 113.3 210.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031819.D (-951) (-)

Ion 61.05 (60.75 to 61.75): VU031819.D (-951) (-)

Ion 68.15 (67.85 to 68.85): VU031819.D (-951) (-)

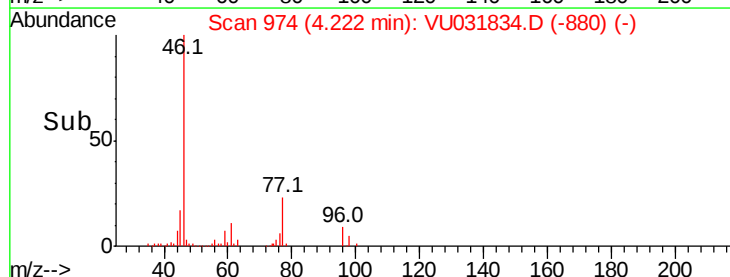
6000

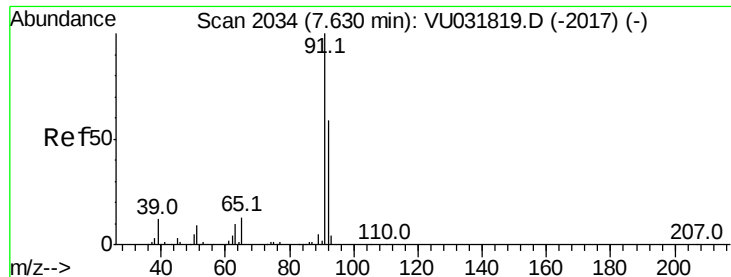
4000

2000

0

Time--> 4.15 4.20 4.25 4.30





#42

Toluene

Concen: 0.103 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

Instrument :

MSVOA_U

ClientSampleId :

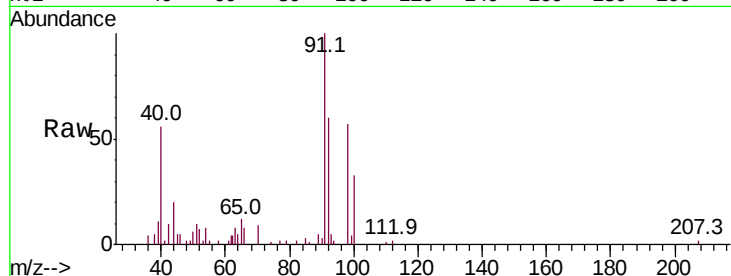
DB853

Tot Ion: 91 Resp: 15772

Ion Ratio Lower Upper

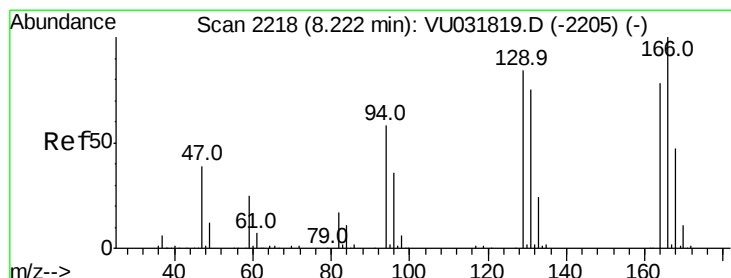
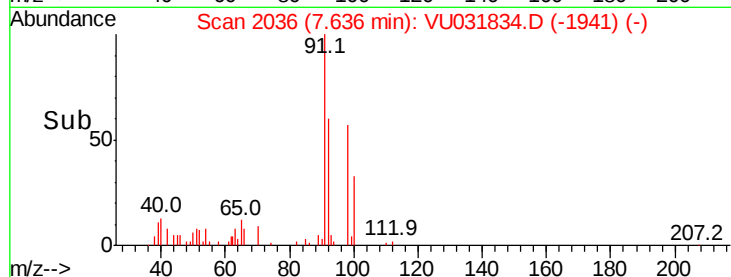
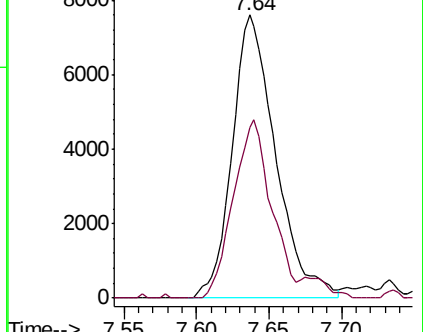
91 100

92 60.3 38.1 70.9



Abundance Ion 91.15 (90.85 to 91.85): VU031819.D (-2017) (-)

Ion 92.15 (91.85 to 92.85): VU031819.D (-2017) (-)



#47

Tetrachloroethene

Concen: 0.274 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

Tgt Ion: 164 Resp: 7000

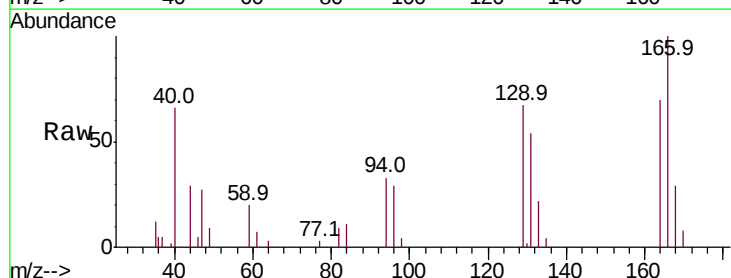
Ion Ratio Lower Upper

164 100

129 95.5 70.3 130.5

131 77.4 65.4 121.4

166 143.0 86.0 159.8



Abundance Ion 163.90 (163.60 to 164.60): VU031819.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU031819.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU031819.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU031819.D (-2205) (-)

