

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031851.D
 Acq On : 09 May 2019 04:04
 Operator : JC/SP
 Sample : K2743-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D24

Quant Time: May 09 07:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405620	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	422801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130081	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.68	69	118979	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.27	63	199897	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.19	46	503738	46.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.34%
24) Chloroform-d	4.64	84	276214	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.31	65	154980	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.33	84	520594	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	186978	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.56	98	389459	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	51375	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.31	63	315500	44.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146475	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	134733	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

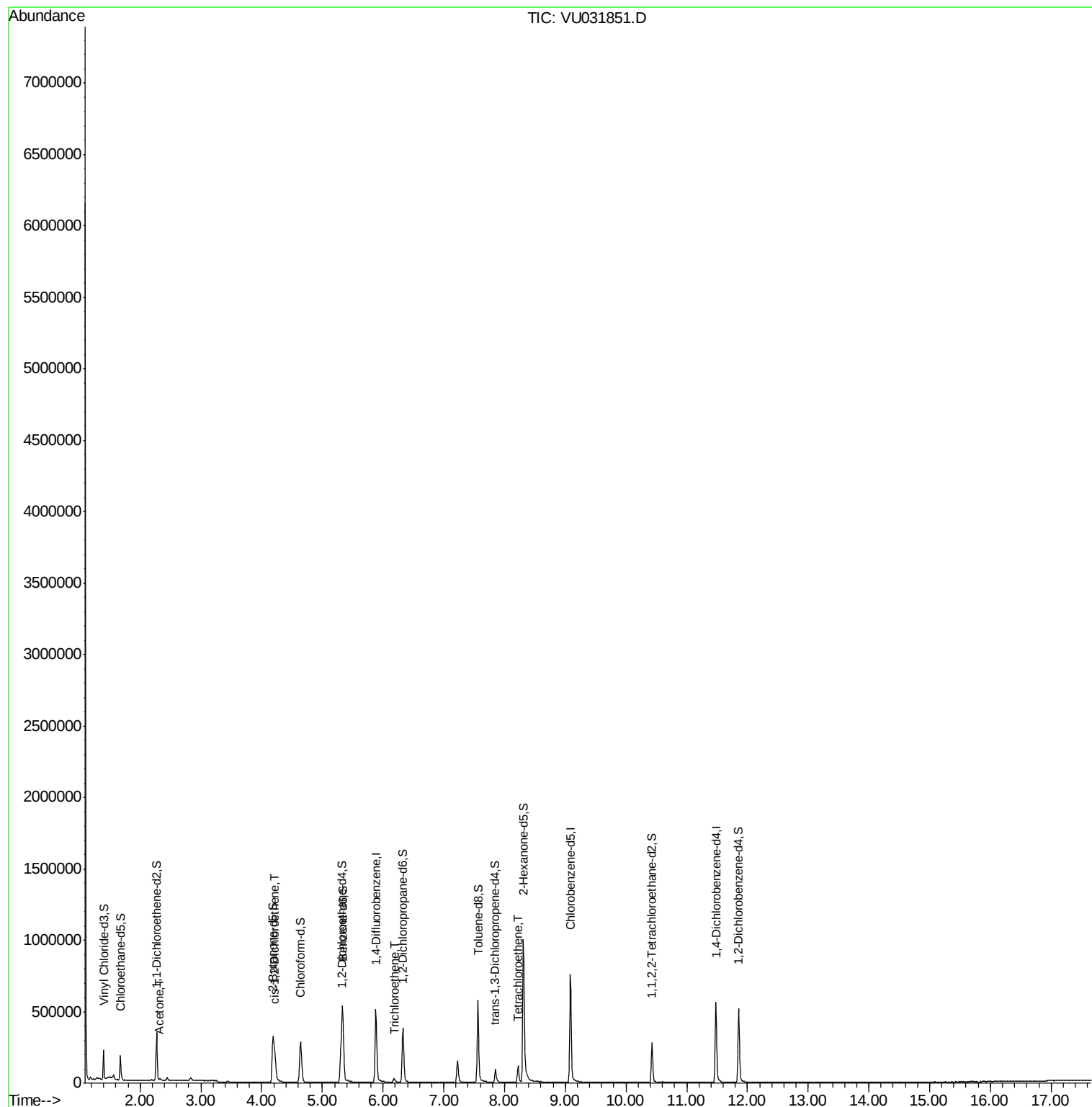
					Ovalue
13) Acetone	2.32	43	7606	1.032	ug/L 86
22) cis-1,2-Dichloroethene	4.22	96	65836	1.845	ug/L 89
34) Trichloroethene	6.19	95	9289	0.250	ug/L 94
47) Tetrachloroethene	8.22	164	26215	1.085	ug/L 94

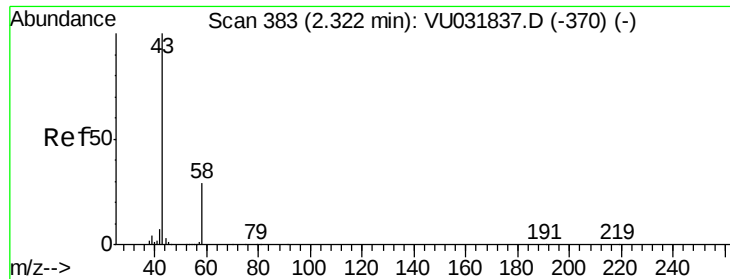
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.032 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU031851.D

Acq: 09 May 2019 04:04

Instrument :

MSVOA_U

ClientSampleId :

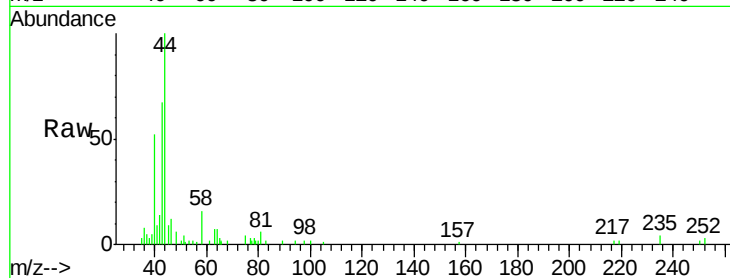
F9D24

Tot Ion: 43 Resp: 7606

Ion Ratio Lower Upper

43 100

58 34.1 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031837.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU031837.D (-370) (-)

2.32

6000

5000

4000

3000

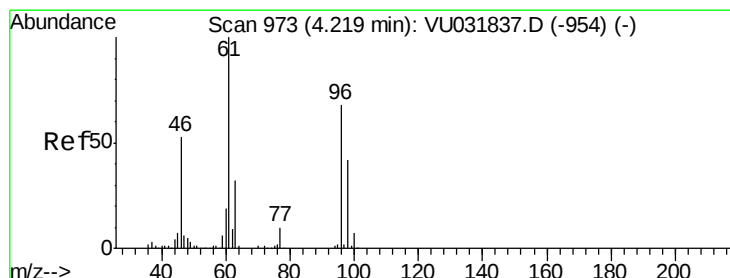
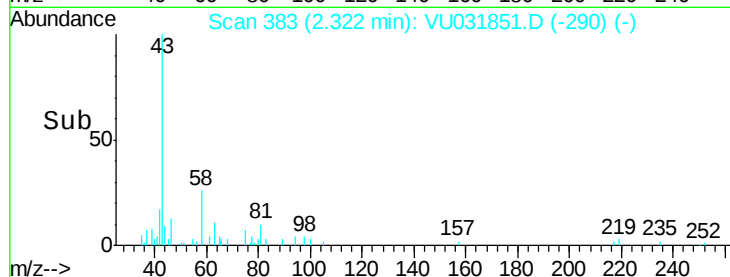
2000

1000

0

2.28 2.30 2.32 2.34 2.36

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.845 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031851.D

Acq: 09 May 2019 04:04

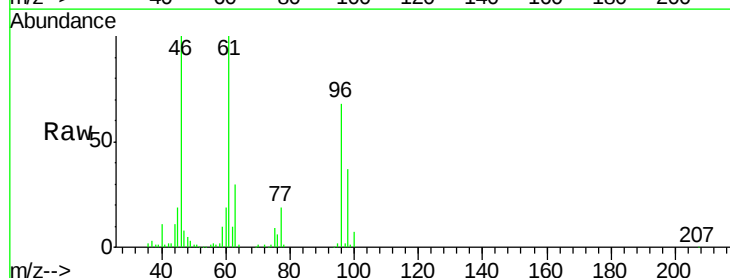
Tgt Ion: 96 Resp: 65836

Ion Ratio Lower Upper

96 100

61 147.5 113.3 210.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031837.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU031837.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU031837.D (-954) (-)

4.22

50000

40000

30000

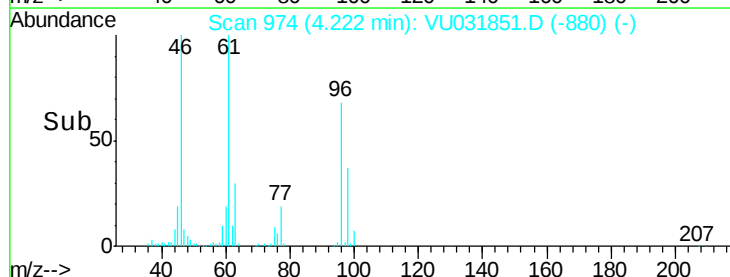
20000

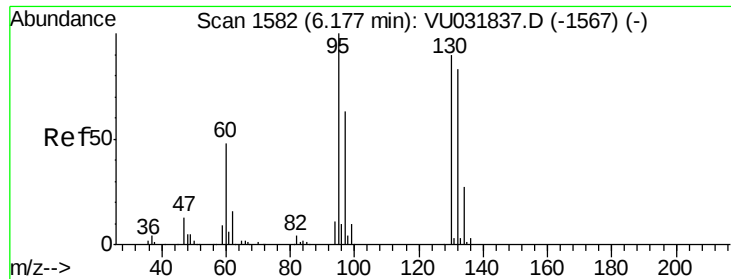
10000

0

4.10 4.20 4.30

Time-->

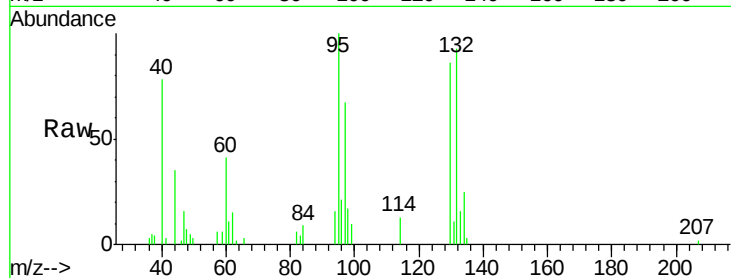




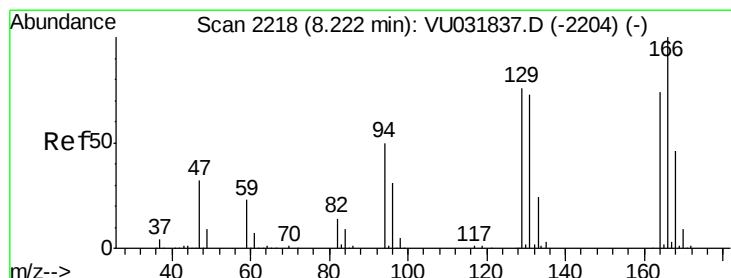
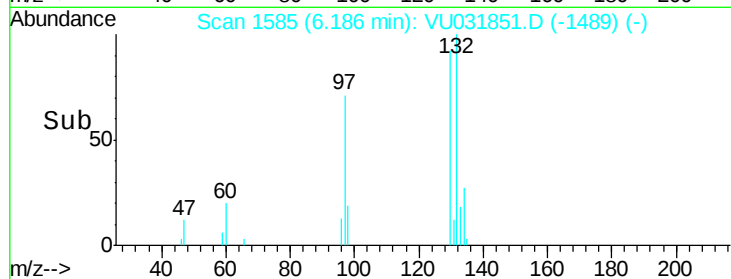
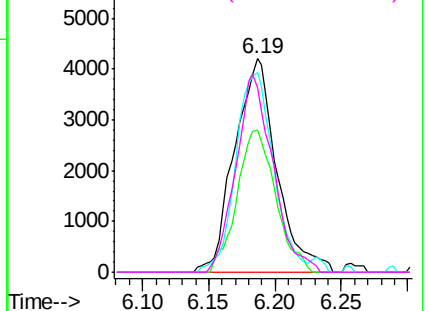
#34
 Trichloroethene
 Concen: 0.250 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031851.D
 Acq: 09 May 2019 04:04

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion:	95	Resp:	9289
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.8	85.2
132	93.2	56.0	104.0
130	86.0	60.4	112.2

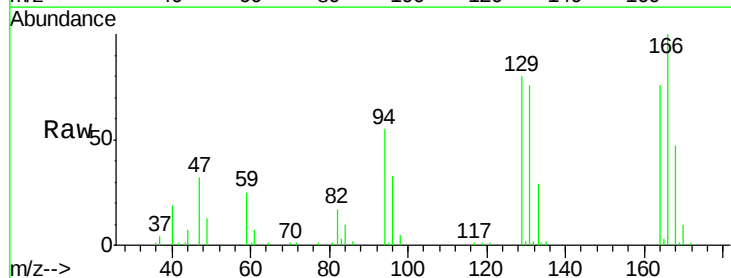


Abundance Ion 95.00 (94.70 to 95.70): VU031851.D (-1489) (-)



#47
 Tetrachloroethene
 Concen: 1.085 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU031851.D
 Acq: 09 May 2019 04:04

Tgt Ion:	164	Resp:	26215
Ion	Ratio	Lower	Upper
164	100		
129	104.7	70.3	130.5
131	99.2	65.4	121.4
166	131.1	86.0	159.8



Abundance Ion 163.90 (163.60 to 164.60): VU031851.D (-2125) (-)

