

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032135.D
 Acq On : 18 May 2019 06:16
 Operator : JC/SP
 Sample : K2860-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W37

Quant Time: May 20 05:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 20 04:57:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	348584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107370	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.68	69	94159	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.27	63	152947	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.20	46	230614	40.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.00%
24) Chloroform-d	4.64	84	215268	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.31	65	110976	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.33	84	432155	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.32	67	128240	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.60%
41) Toluene-d8	7.56	98	353174	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.85	79	40604	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.31	63	199050	38.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109298	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	136172	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

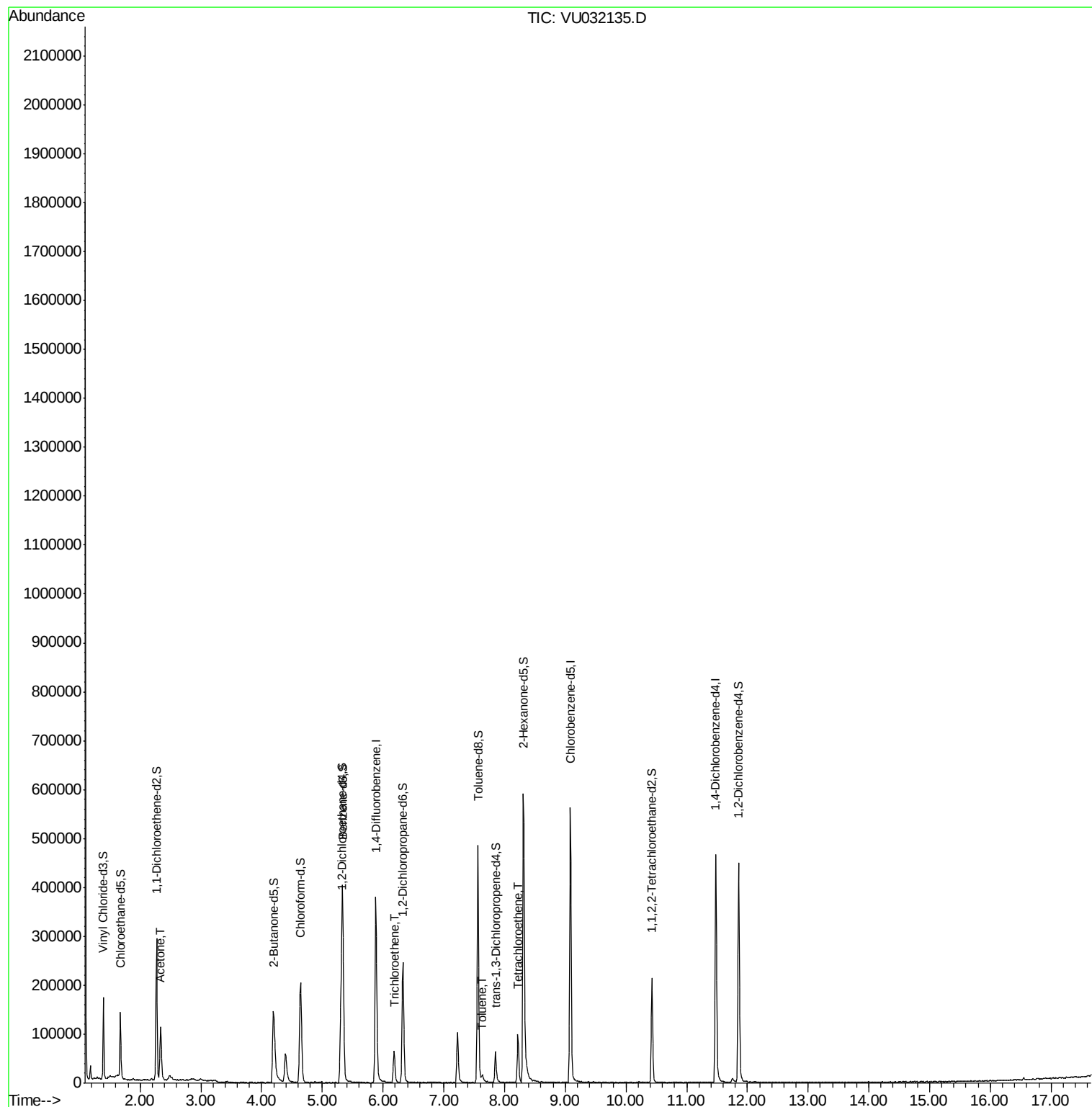
Target Compounds					Ovalue
13) Acetone	2.33	43	52436	27.707 ug/L	97
34) Trichloroethene	6.18	95	23540	1.604 ug/L	88
42) Toluene	7.64	91	9396	0.166 ug/L	86
47) Tetrachloroethene	8.22	164	25544	2.328 ug/L	90

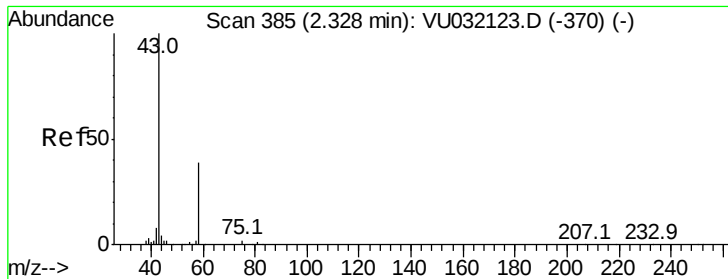
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 27.707 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU032135.D

Acq: 18 May 2019 06:16

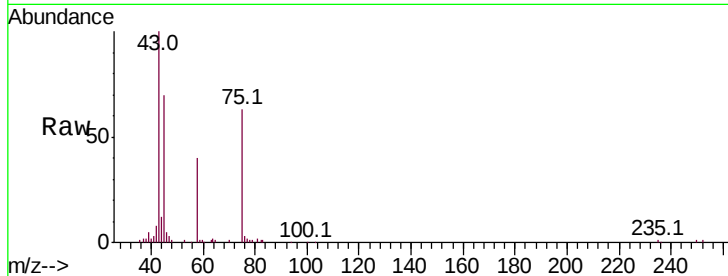
Instrument :
MSVOA_U
ClientSampleId :
F9W37

Tot Ion: 43 Resp: 52436

Ion Ratio Lower Upper

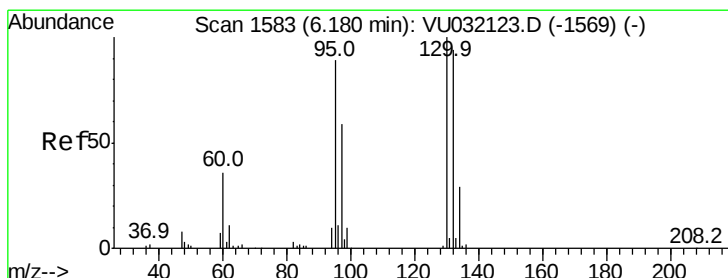
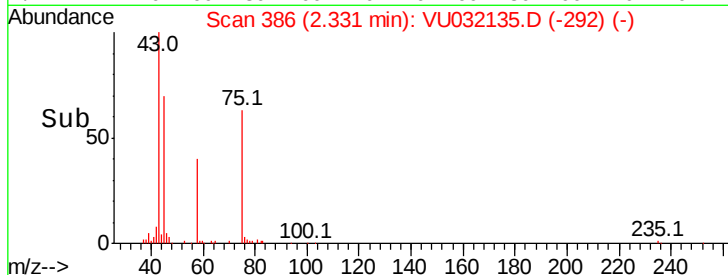
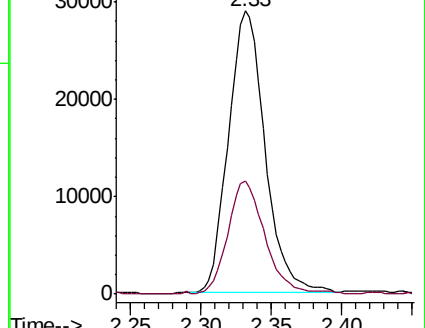
43 100

58 41.0 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032123.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU032123.D (-370) (-)



#34

Trichloroethene

Concen: 1.604 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032135.D

Acq: 18 May 2019 06:16

Tgt Ion: 95 Resp: 23540

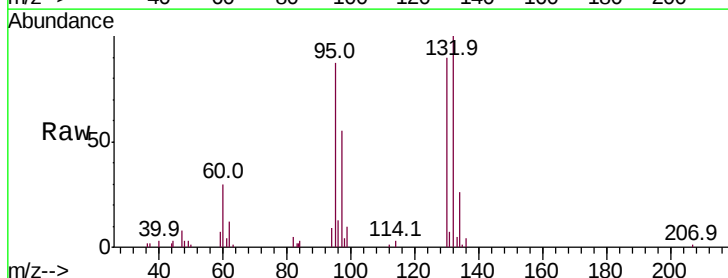
Ion Ratio Lower Upper

95 100

97 62.9 45.2 84.0

132 114.8 66.1 122.7

130 103.5 66.7 123.9

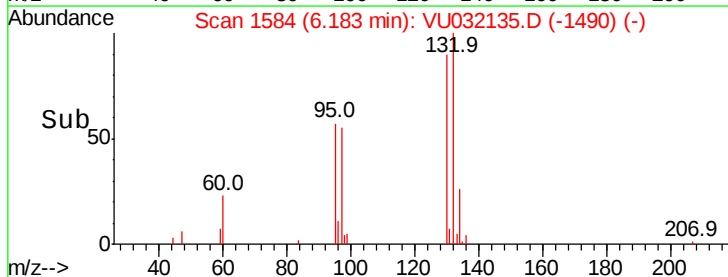
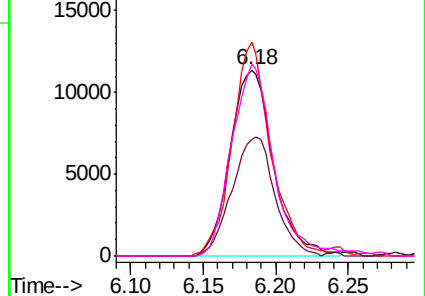


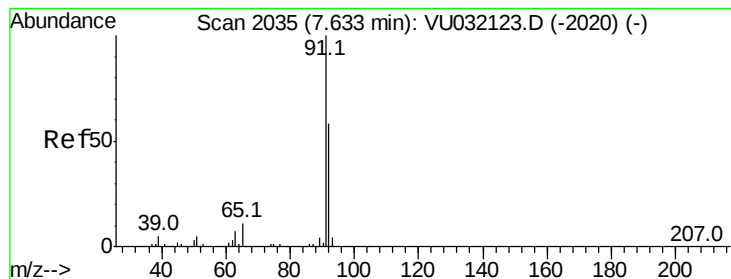
Abundance Ion 95.00 (94.70 to 95.70): VU032123.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032123.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032123.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032123.D (-1569) (-)





#42

Toluene

Concen: 0.166 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032135.D

Acq: 18 May 2019 06:16

Instrument :

MSVOA_U

ClientSampled :

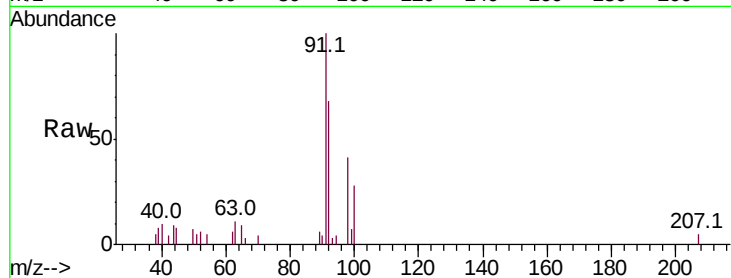
F9W37

Tot Ion: 91 Resp: 9396

Ion Ratio Lower Upper

91 100

92 67.6 40.2 74.6

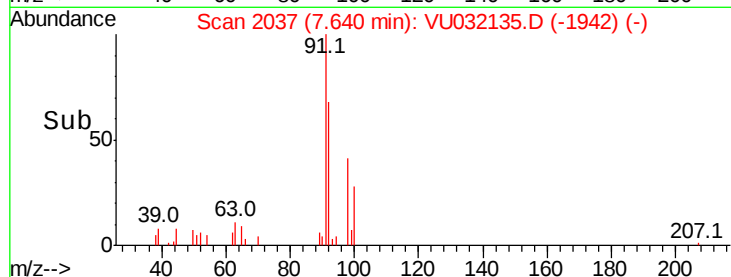


Abundance Ion 91.15 (90.85 to 91.85): VU032123.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU032123.D (-2020) (-)

7.64

Time-->



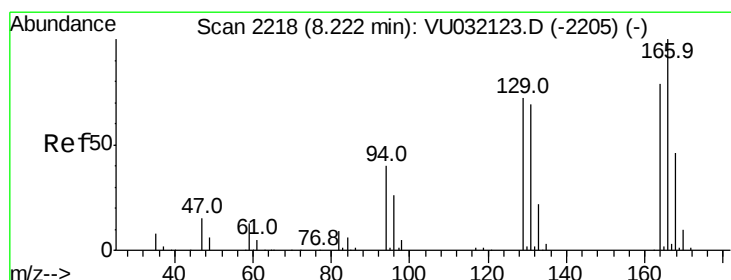
Abundance

Ion 91.15 (90.85 to 91.85): VU032123.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU032123.D (-2020) (-)

7.64

Time-->



#47

Tetrachloroethene

Concen: 2.328 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032135.D

Acq: 18 May 2019 06:16

Tgt Ion: 164 Resp: 25544

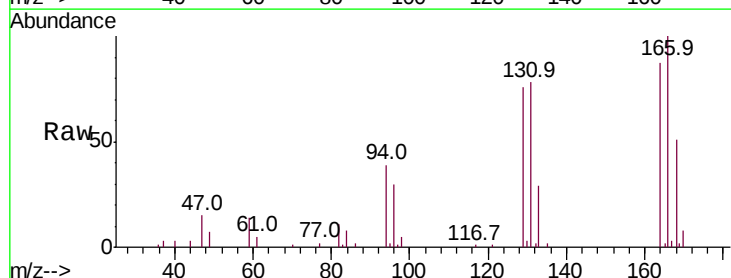
Ion Ratio Lower Upper

164 100

129 87.3 70.3 130.5

131 90.4 64.5 119.9

166 115.4 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): VU032123.D (-2205) (-)

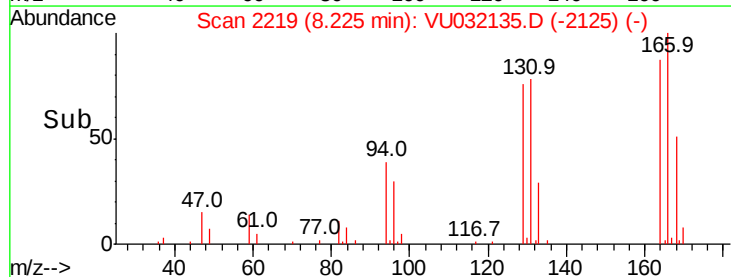
Ion 128.95 (128.65 to 129.65): VU032123.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU032123.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU032123.D (-2205) (-)

8.22

Time-->



Abundance

Ion 163.90 (163.60 to 164.60): VU032123.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU032123.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU032123.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU032123.D (-2205) (-)

8.22

Time-->