

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031347.D
 Acq On : 19 Apr 2019 09:18
 Operator : JC/SP
 Sample : K2428-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X26

Quant Time: Apr 20 05:47:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 20 05:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	178419	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85923	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.68	69	75605	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.27	63	132163	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.21	46	200697	52.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.64	84	127932	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.31	65	70471	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.33	84	238549	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.33	67	80623	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.56	98	186055	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.85	79	25712	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.31	63	144225	47.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69173	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	73757	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

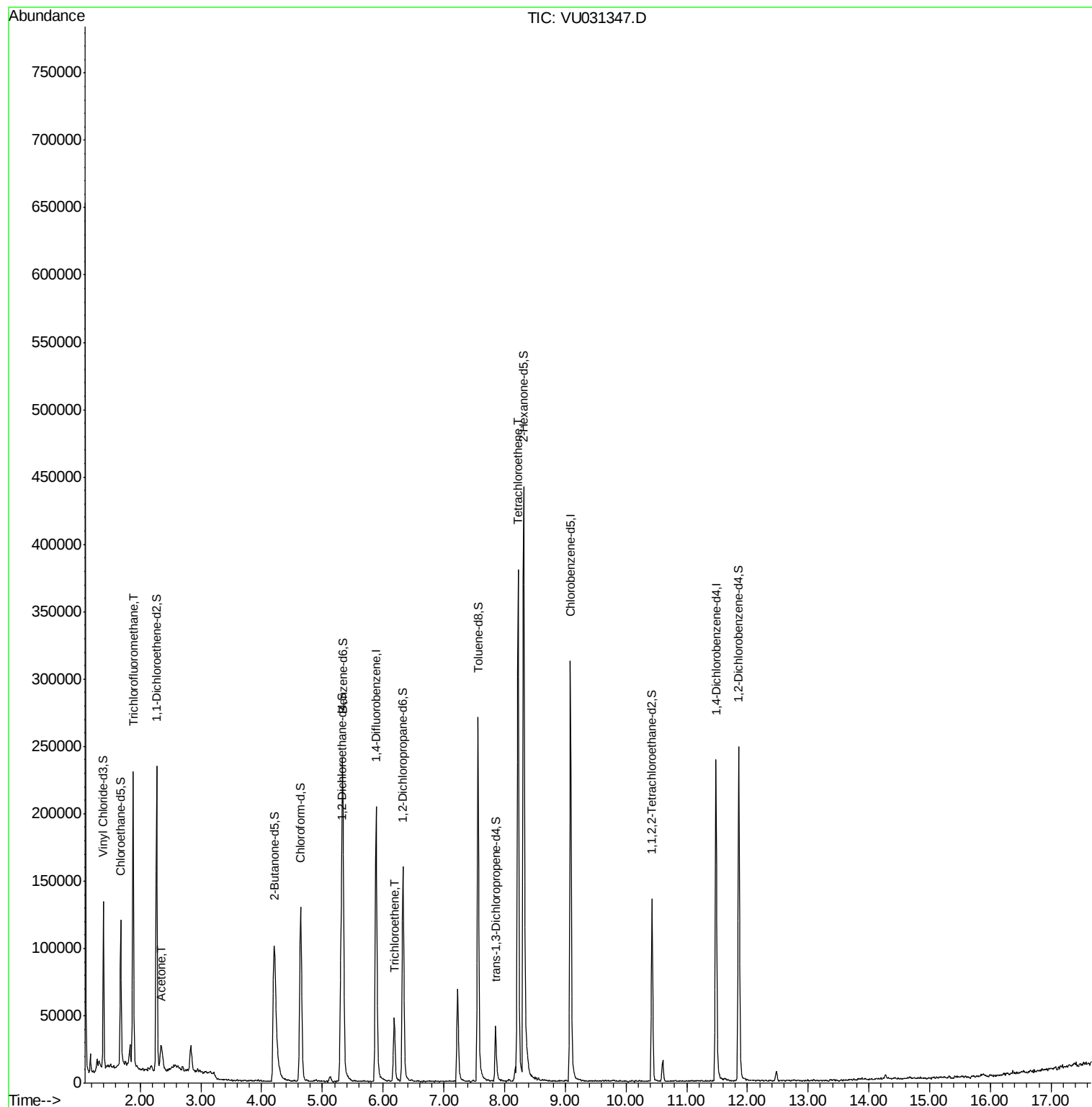
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	129095	3.628 ug/L	99
13) Acetone	2.35	43	28500	6.662 ug/L	99
34) Trichloroethene	6.18	95	17013	0.987 ug/L	94
47) Tetrachloroethene	8.22	164	92385	7.195 ug/L	91

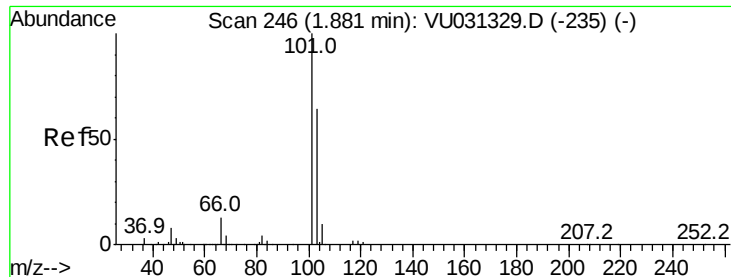
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 3.628 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

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ClientSampleId :

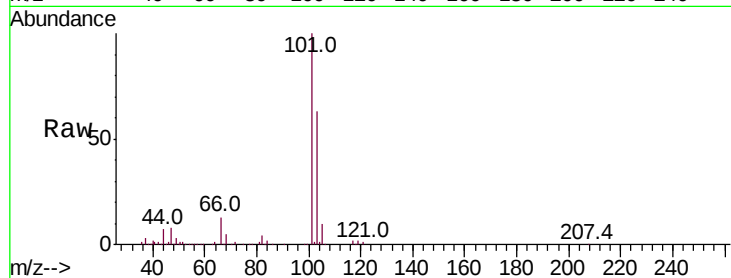
C0X26

Tot Ion:101 Resp: 129095

Ion Ratio Lower Upper

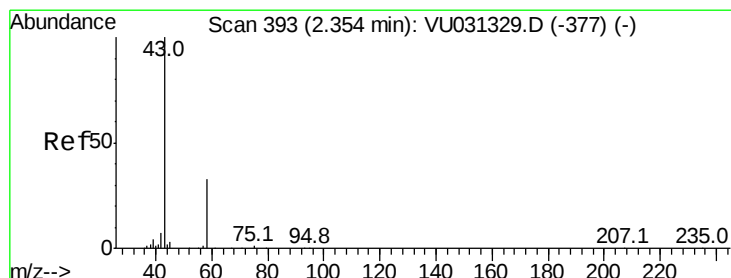
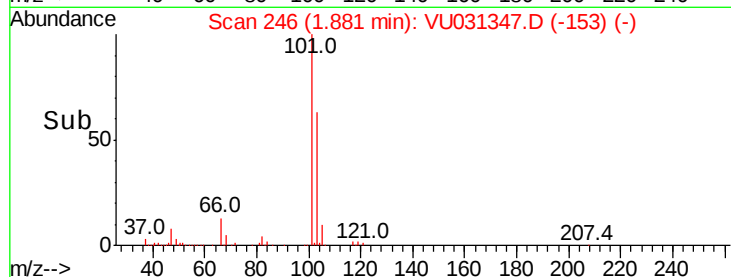
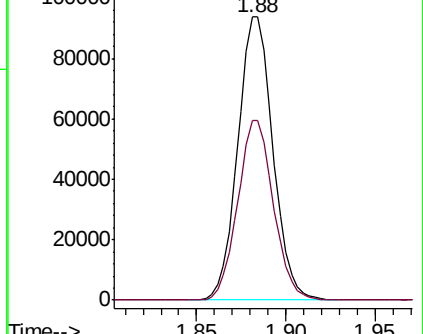
101 100

103 64.5 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 6.662 ug/L

RT: 2.35 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU031347.D

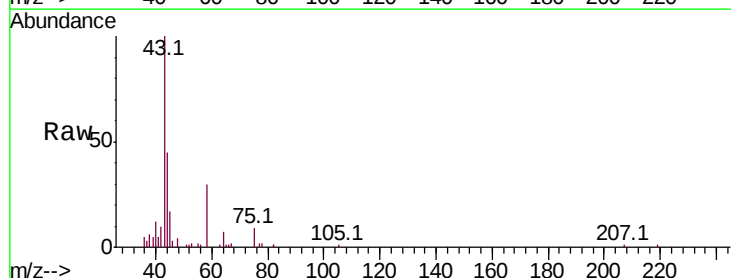
Acq: 19 Apr 2019 09:18

Tgt Ion: 43 Resp: 28500

Ion Ratio Lower Upper

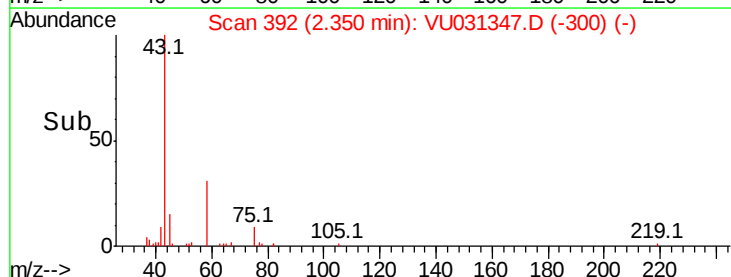
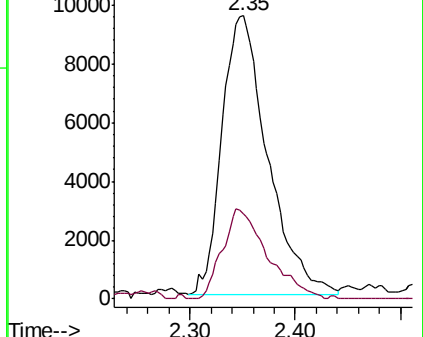
43 100

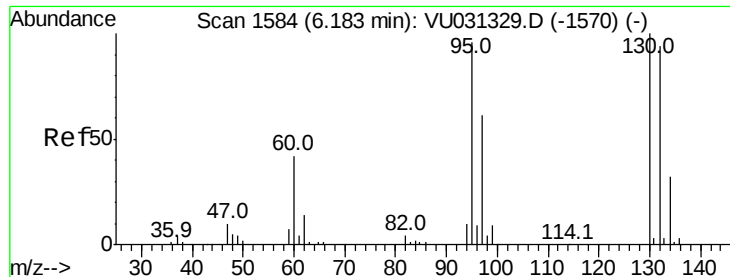
58 31.9 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#34

Trichloroethene

Concen: 0.987 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031347.D

Acq: 19 Apr 2019 09:18

Instrument :

MSVOA_U

ClientSampleId :

C0X26

Tot Ion: 95 Resp: 17013

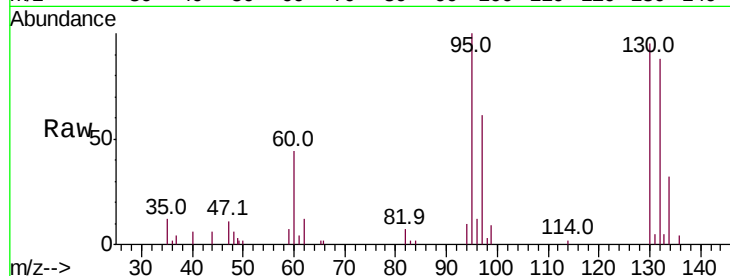
Ion Ratio Lower Upper

95 100

97 61.4 46.8 86.8

132 87.6 65.8 122.2

130 94.9 69.5 129.1

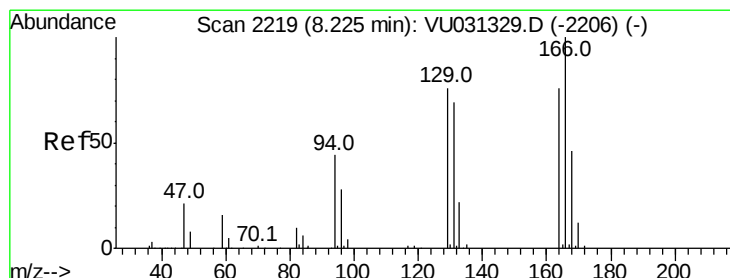
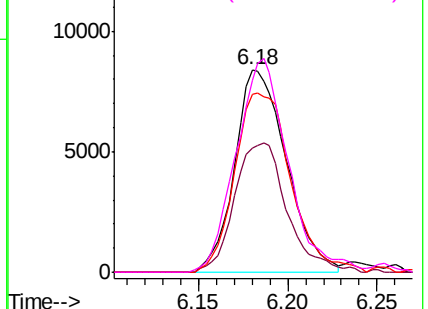
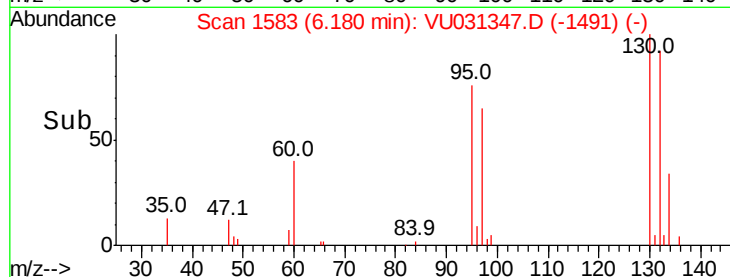


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 7.195 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031347.D

Acq: 19 Apr 2019 09:18

Tgt Ion:164 Resp: 92385

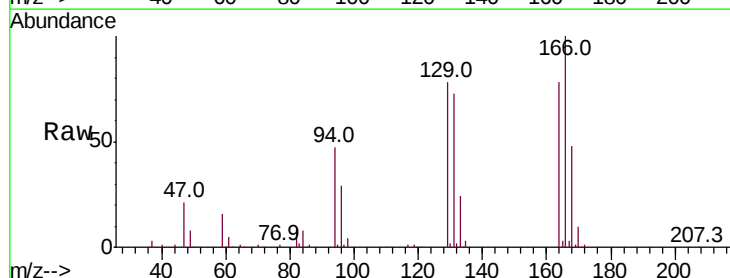
Ion Ratio Lower Upper

164 100

129 100.4 61.9 114.9

131 94.2 61.5 114.3

166 128.8 84.6 157.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

