

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031348.D
 Acq On : 19 Apr 2019 09:43
 Operator : JC/SP
 Sample : K2428-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X27

Quant Time: Apr 20 05:49:52 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	184556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90767	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.68	69	76157	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.27	63	134609	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.20	46	263735	66.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.62%#
24) Chloroform-d	4.64	84	139499	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.31	65	69985	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	232962	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.33	67	78813	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	197286	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.85	79	26318	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.31	63	138819	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86781	6.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	69738	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

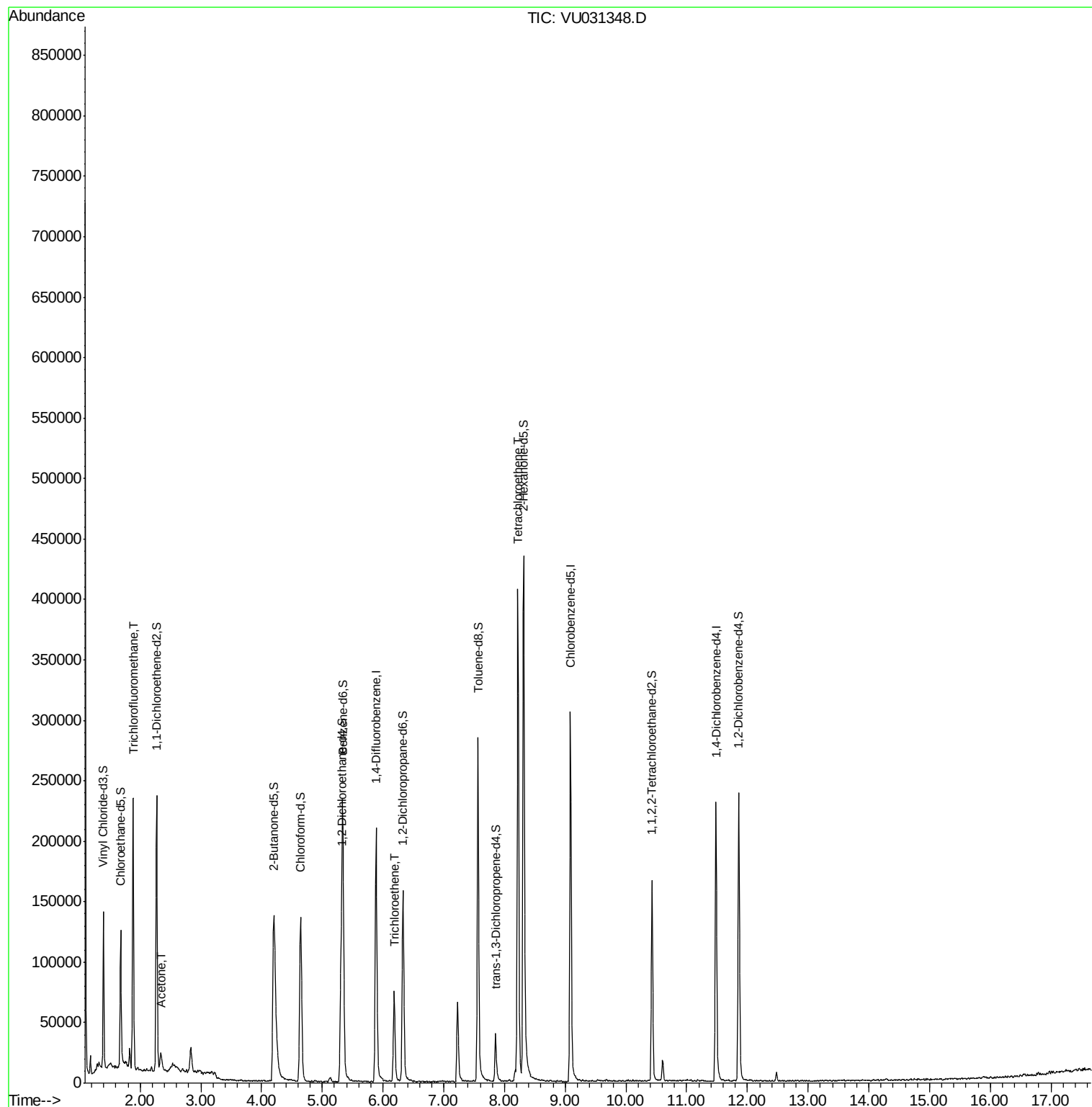
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	140013	3.804	ug/L	100
13) Acetone	2.34	43	13185	2.979	ug/L	69
34) Trichloroethene	6.18	95	27269	1.565	ug/L	92
47) Tetrachloroethene	8.22	164	99298	7.651	ug/L	98

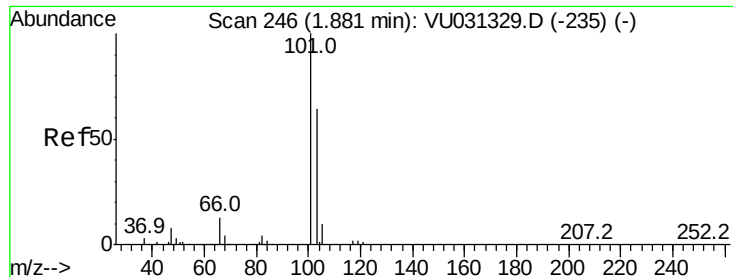
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 3.804 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031348.D

Acq: 19 Apr 2019 09:43

Instrument :

MSVOA_U

ClientSampleId :

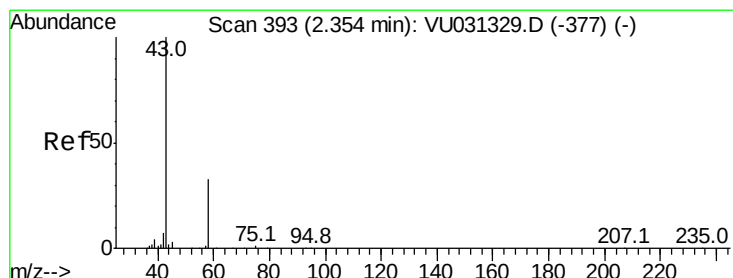
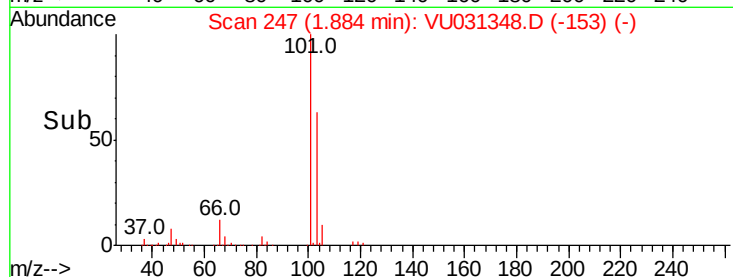
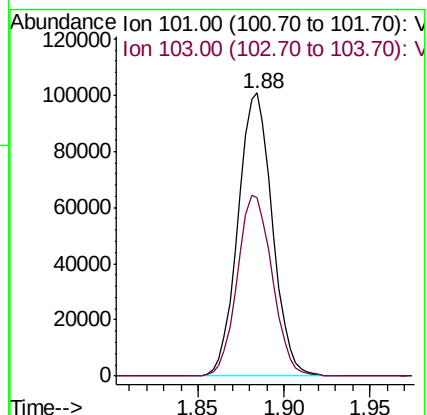
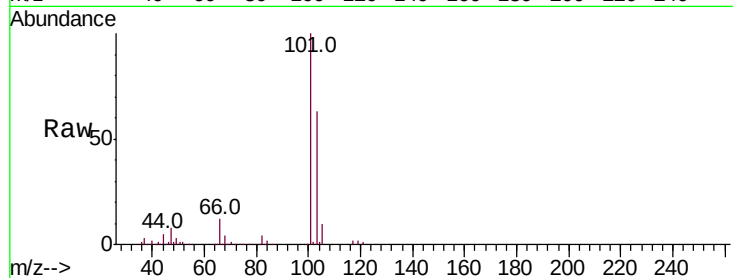
C0X27

Tot Ion:101 Resp: 140013

Ion Ratio Lower Upper

101 100

103 65.2 52.3 78.5



#13

Acetone

Concen: 2.979 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU031348.D

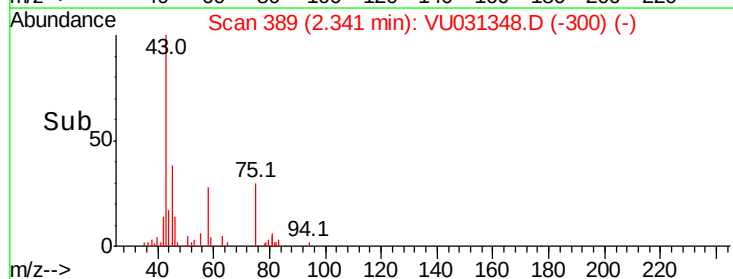
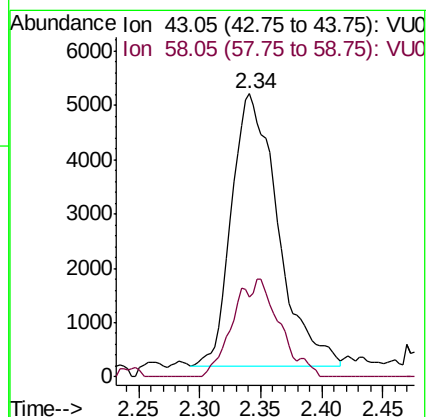
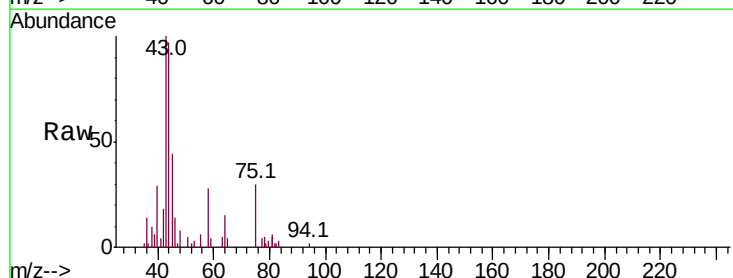
Acq: 19 Apr 2019 09:43

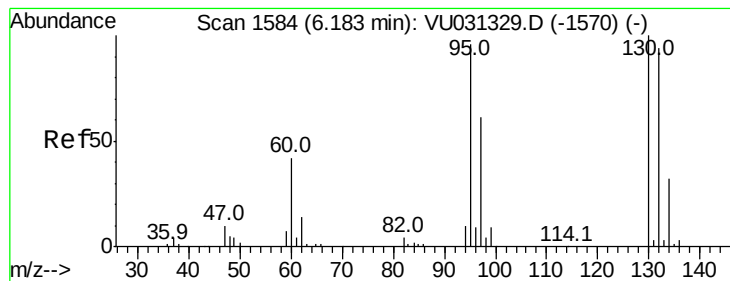
Tgt Ion: 43 Resp: 13185

Ion Ratio Lower Upper

43 100

58 15.0 0.0 64.4





#34

Trichloroethene

Concen: 1.565 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031348.D

Acq: 19 Apr 2019 09:43

Instrument :

MSVOA_U

ClientSampleId :

C0X27

Tot Ion: 95 Resp: 27269

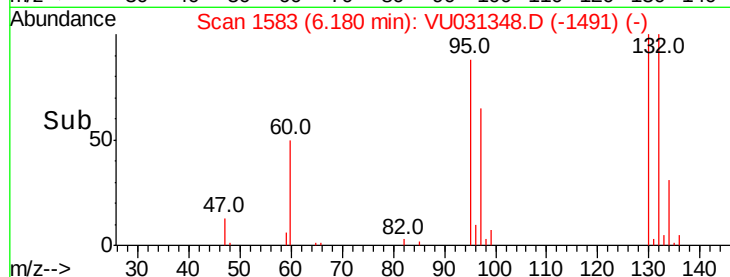
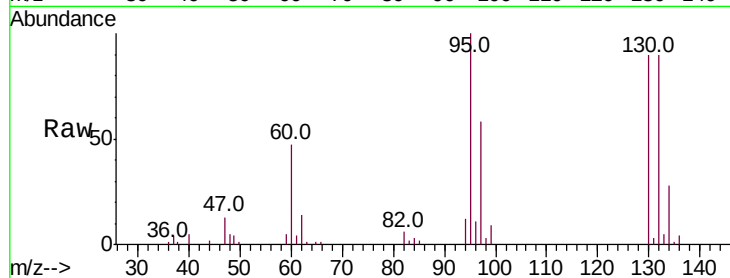
Ion Ratio Lower Upper

95 100

97 58.3 46.8 86.8

132 90.2 65.8 122.2

130 89.7 69.5 129.1

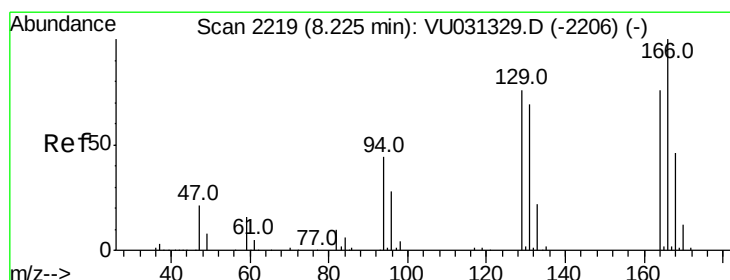
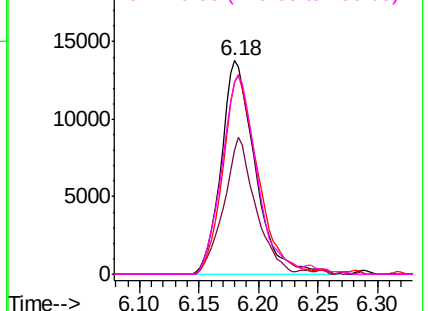


Abundance Ion 95.00 (94.70 to 95.70): VU031348.D (-1491) (-)

Ion 96.95 (96.65 to 97.65): VU031348.D (-1491) (-)

Ion 131.95 (131.65 to 132.65): VU031348.D (-1491) (-)

Ion 129.95 (129.65 to 130.65): VU031348.D (-1491) (-)



#47

Tetrachloroethene

Concen: 7.651 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031348.D

Acq: 19 Apr 2019 09:43

Tgt Ion: 164 Resp: 99298

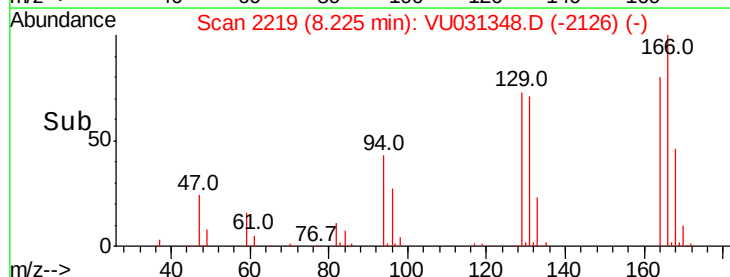
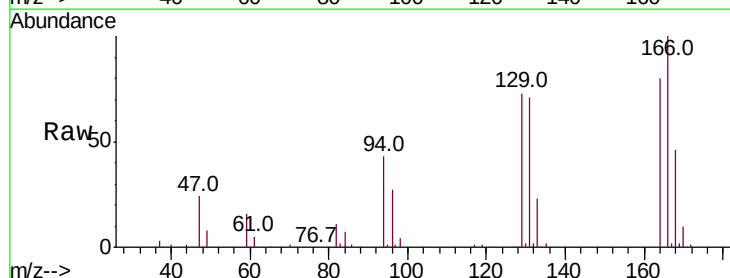
Ion Ratio Lower Upper

164 100

129 91.1 61.9 114.9

131 88.0 61.5 114.3

166 124.4 84.6 157.0



Abundance Ion 163.90 (163.60 to 164.60): VU031348.D (-2126) (-)

Ion 128.95 (128.65 to 129.65): VU031348.D (-2126) (-)

Ion 130.95 (130.65 to 131.65): VU031348.D (-2126) (-)

Ion 165.90 (165.60 to 166.60): VU031348.D (-2126) (-)

