

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031346.D
 Acq On : 19 Apr 2019 08:54
 Operator : JC/SP
 Sample : K2428-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X25

Quant Time: Apr 20 05:45:10 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	203188	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	198449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67292	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86513	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	76180	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.27	63	132490	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.20	46	286796	65.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.98%#
24) Chloroform-d	4.64	84	157912	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.31	65	84812	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.34	84	276930	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.33	67	94219	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.56	98	193055	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.85	79	27181	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.31	63	155419	48.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69346	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	71657	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

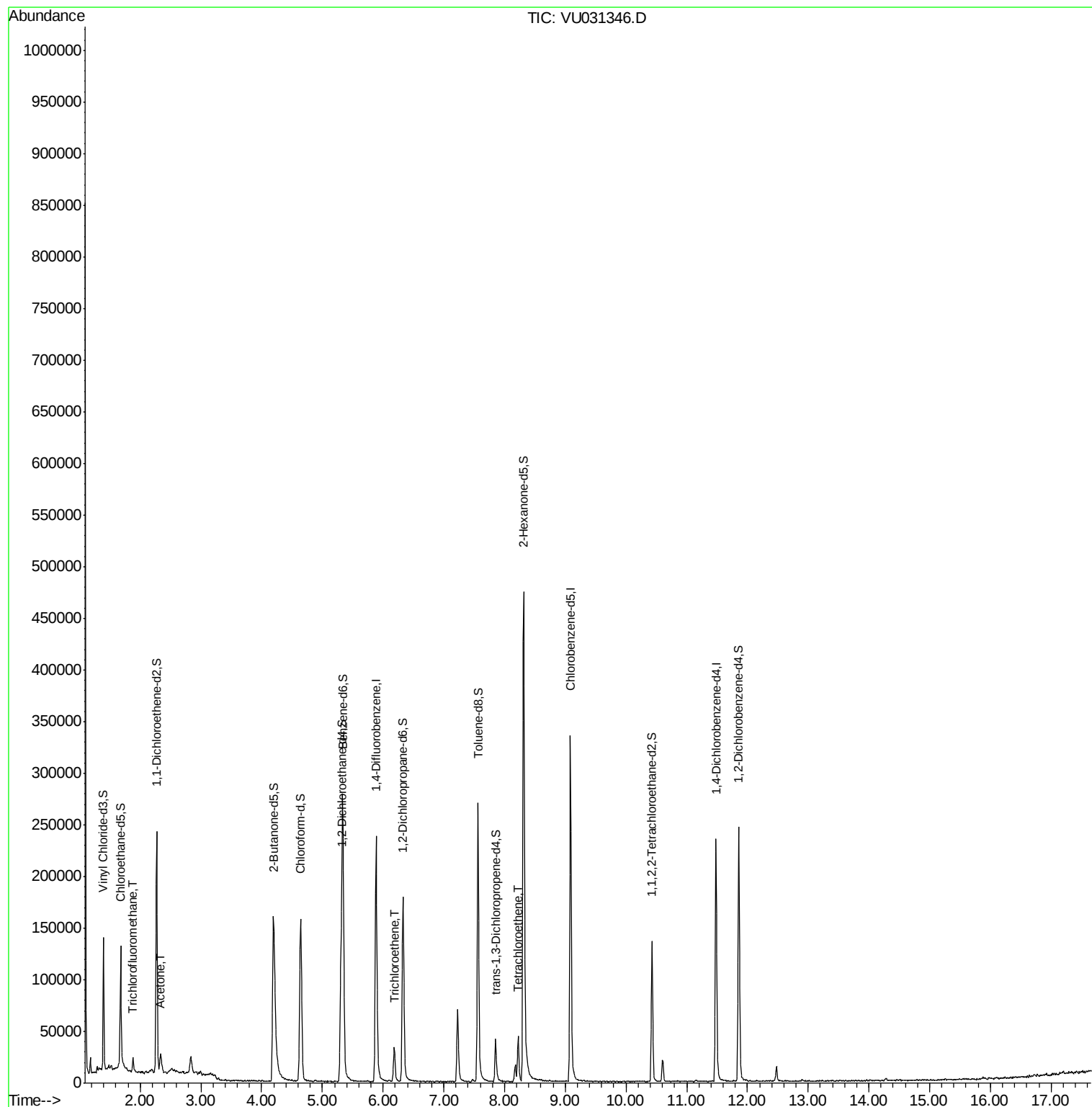
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	5490	0.135	ug/L	93
13) Acetone	2.34	43	16777	3.443	ug/L	100
34) Trichloroethene	6.19	95	11518	0.633	ug/L	92
47) Tetrachloroethene	8.22	164	10643	0.785	ug/L	96

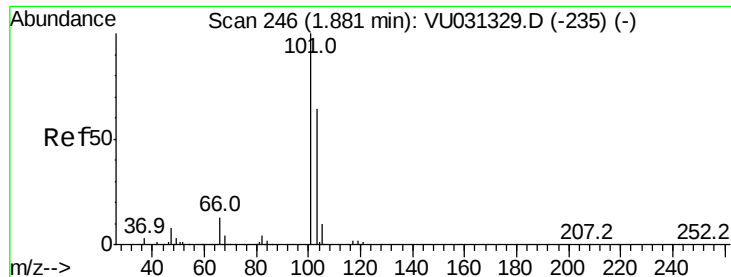
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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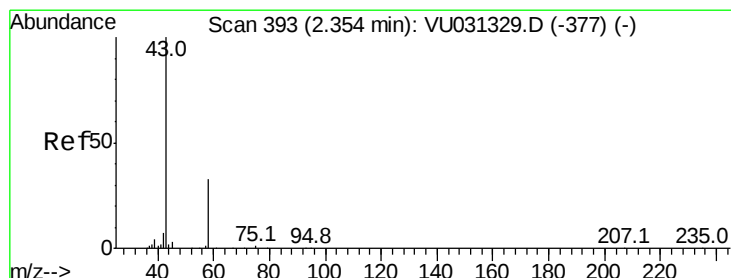
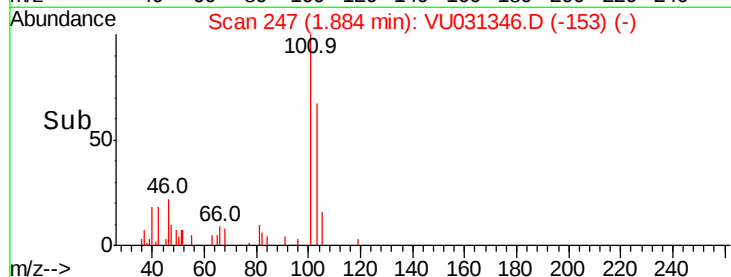
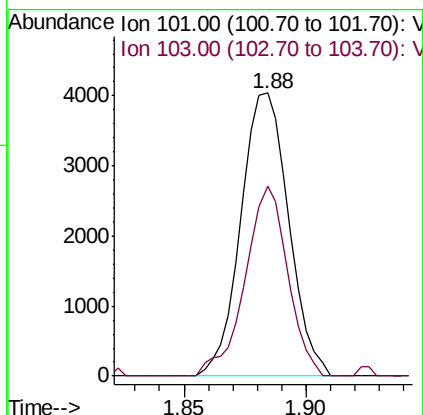
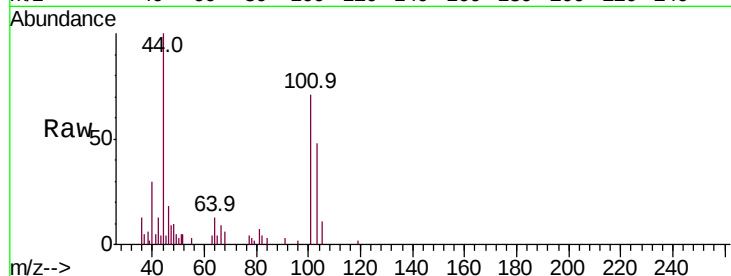


#9

Trichlorofluoromethane
 Concen: 0.135 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031346.D
 Acq: 19 Apr 2019 08:54

Instrument :
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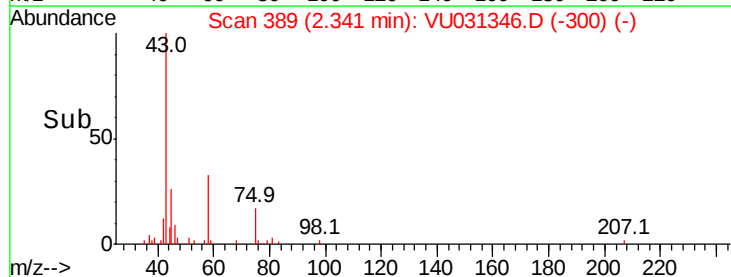
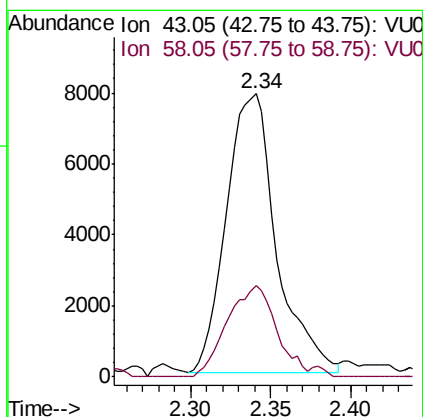
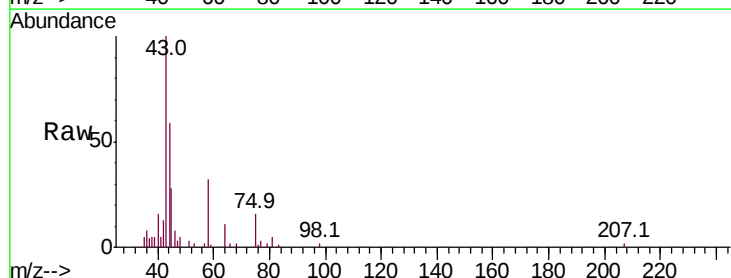
Tot Ion:101 Resp: 5490
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.3 78.5

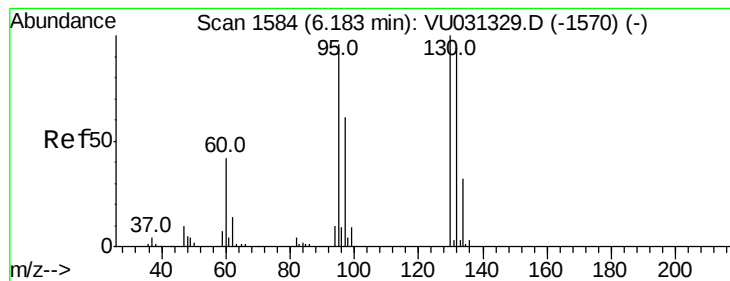


#13

Acetone
 Concen: 3.443 ug/L
 RT: 2.34 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU031346.D
 Acq: 19 Apr 2019 08:54

Tgt Ion: 43 Resp: 16777
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 64.4





#34

Trichloroethene

Concen: 0.633 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031346.D

Acq: 19 Apr 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

C0X25

Tot Ion: 95 Resp: 11518

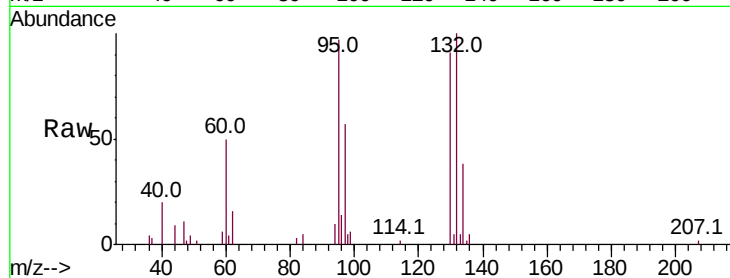
Ion Ratio Lower Upper

95 100

97 58.3 46.8 86.8

132 103.1 65.8 122.2

130 94.2 69.5 129.1

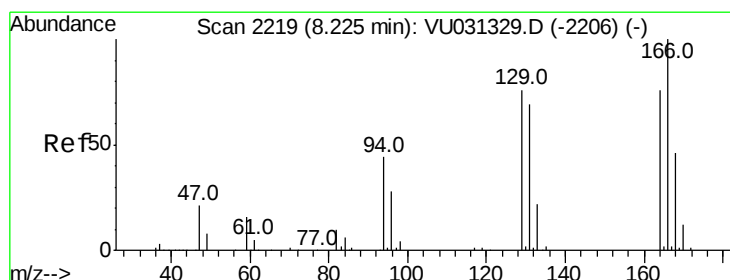
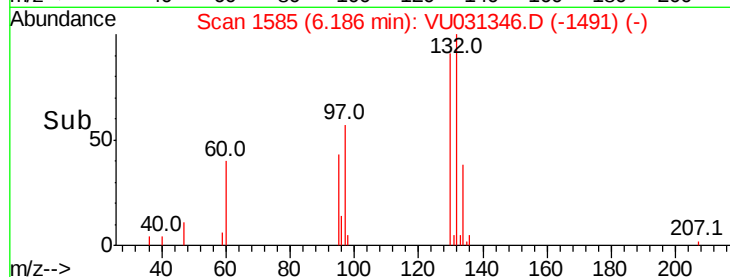
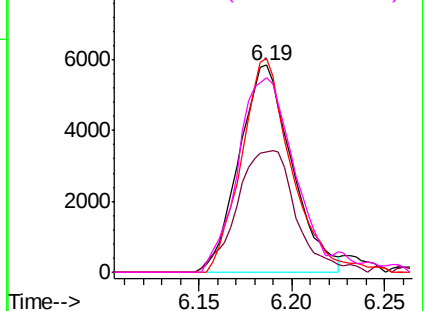


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.785 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031346.D

Acq: 19 Apr 2019 08:54

Tgt Ion:164 Resp: 10643

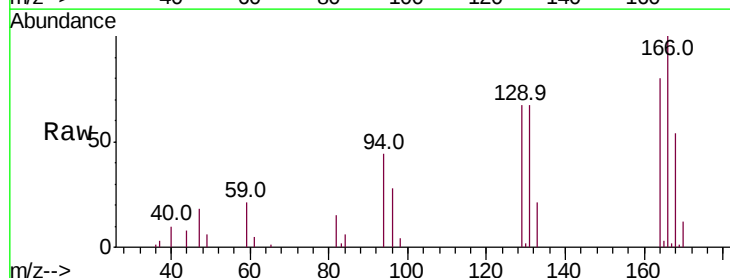
Ion Ratio Lower Upper

164 100

129 84.2 61.9 114.9

131 84.0 61.5 114.3

166 125.7 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

