

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031099.D
 Acq On : 12 Apr 2019 03:17
 Operator : JC/SP
 Sample : K2339-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC48

Quant Time: Apr 12 07:30:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	520991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224015	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166372	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.00%
7) Chloroethane-d5	1.68	69	145755	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.72%
11) 1,1-Dichloroethene-d2	2.27	63	234906	29.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.32%#
21) 2-Butanone-d5	4.17	46	333561	96.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.13%
24) Chloroform-d	4.64	84	308688	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	5.31	65	214425	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.33	84	591363	38.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.76%
36) 1,2-Dichloropropane-d6	6.32	67	216487	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.06%
41) Toluene-d8	7.56	98	513272	38.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.14%#
43) trans-1,3-Dichloropropene-	7.85	79	90549	38.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.20%
47) 2-Hexanone-d5	8.31	63	186489	78.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311285	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	206554	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds

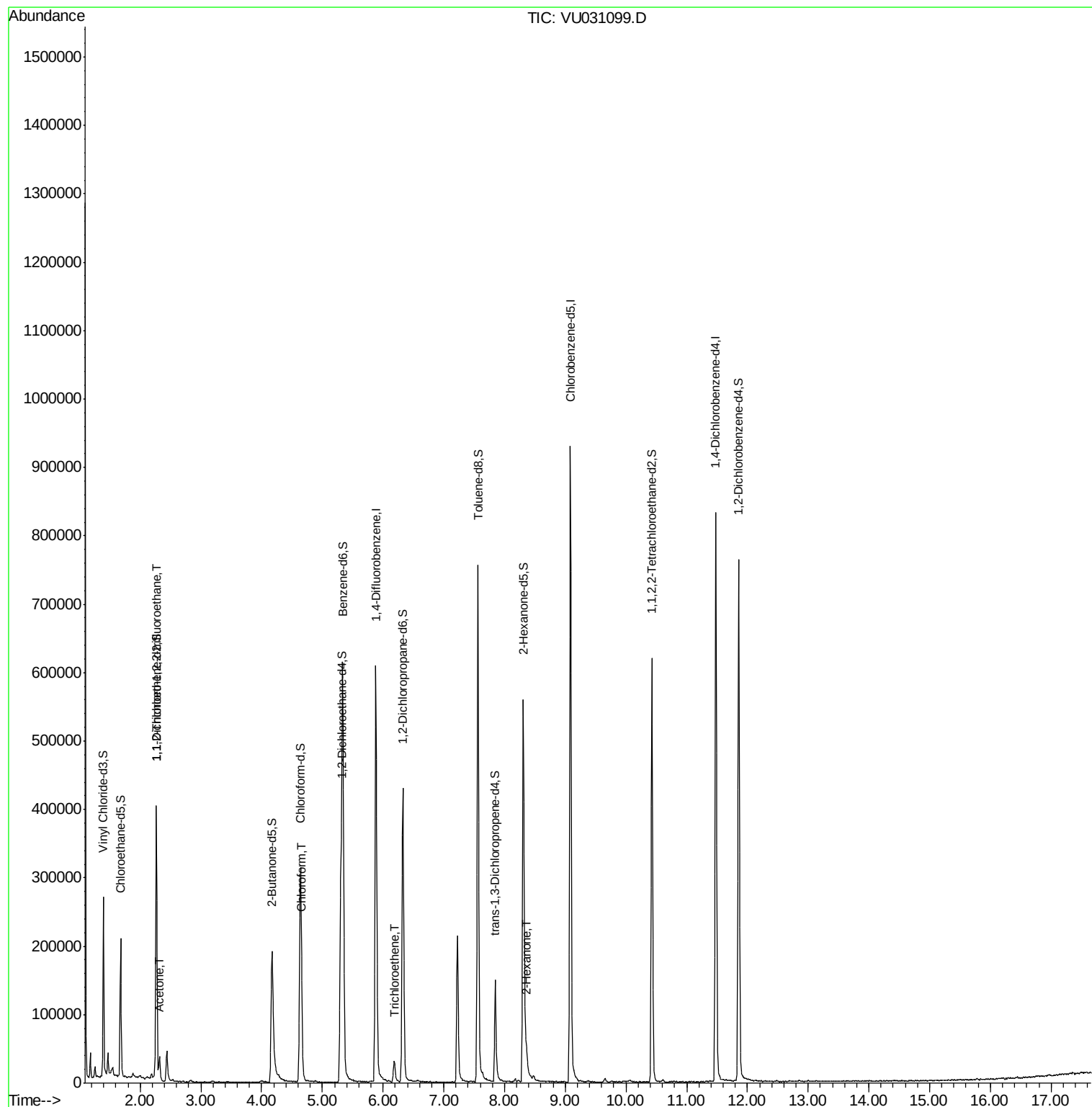
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2125	0.605 ug/L #	20
13) Acetone	2.32	43	36332	10.232 ug/L	98
25) Chloroform	4.67	83	8116	1.087 ug/L	86
34) Trichloroethene	6.18	95	10317	2.467 ug/L	89
48) 2-Hexanone	8.36	43	14491	2.393 ug/L #	88

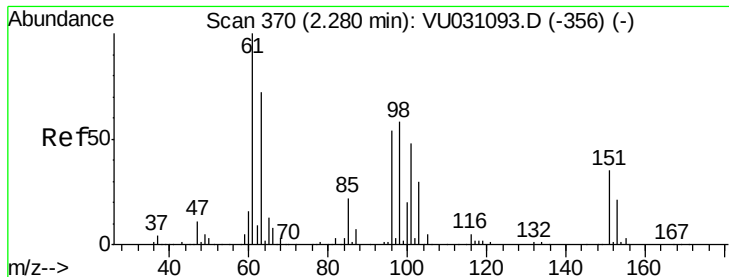
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.605 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031099.D

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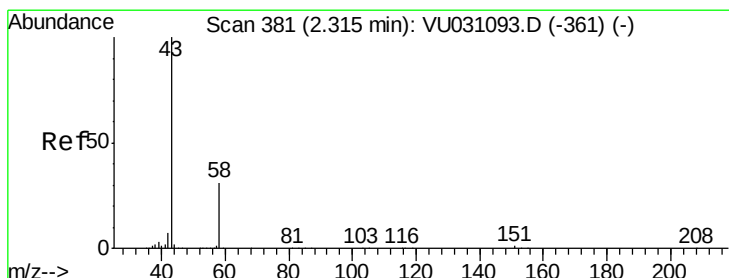
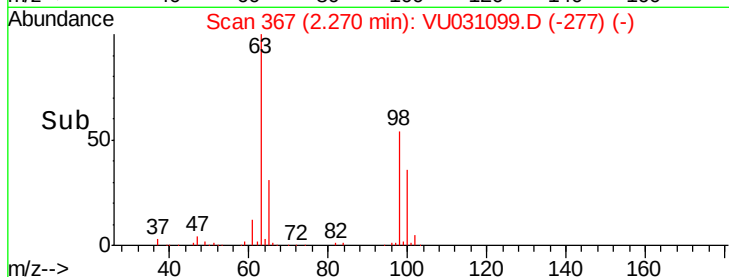
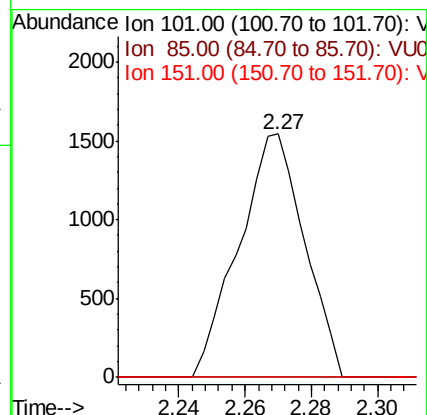
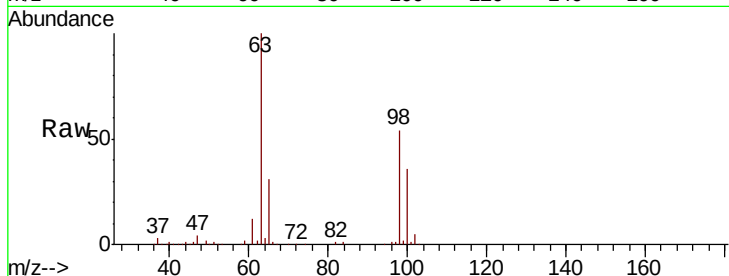
Tot Ion:101 Resp: 2125

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#13

Acetone

Concen: 10.232 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031099.D

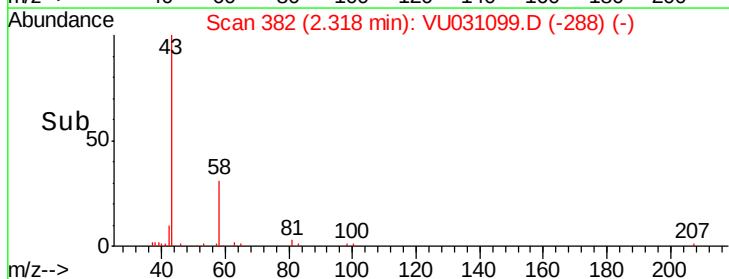
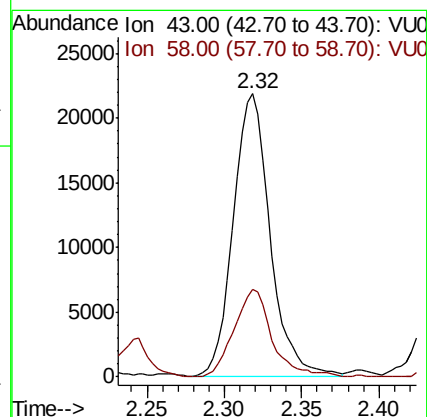
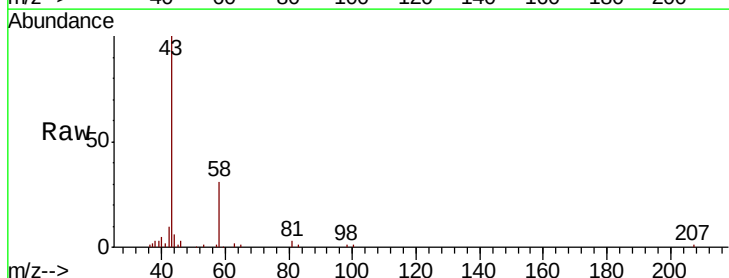
Acq: 12 Apr 2019 03:17

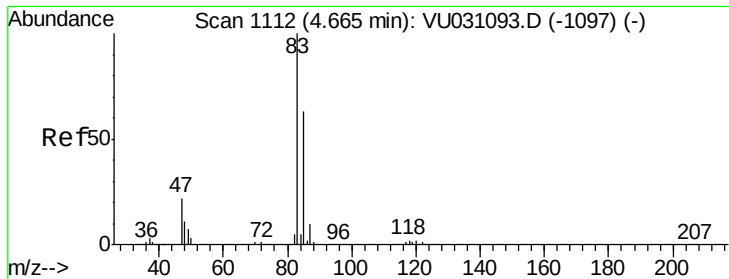
Tgt Ion: 43 Resp: 36332

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.0

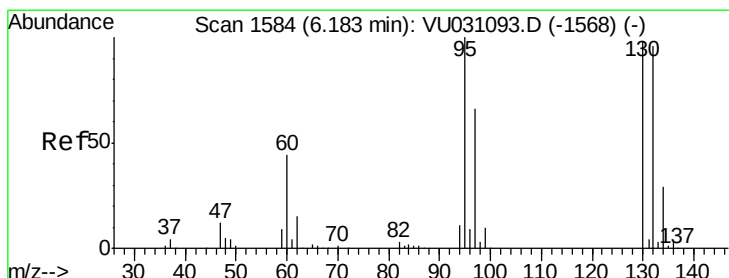
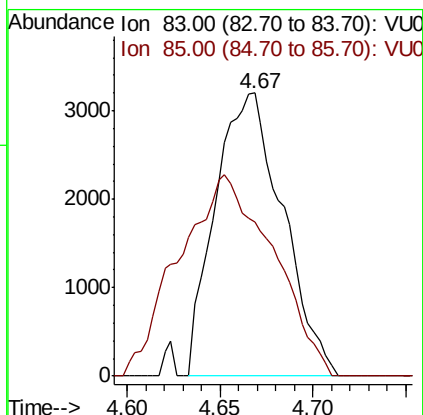
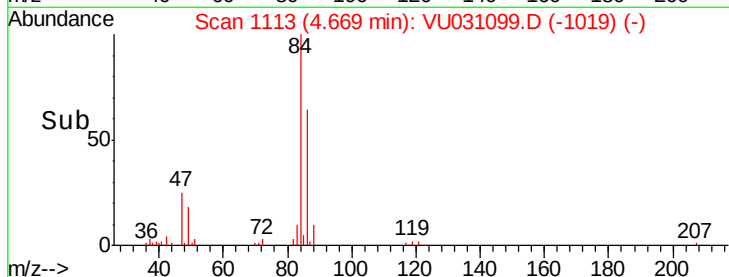
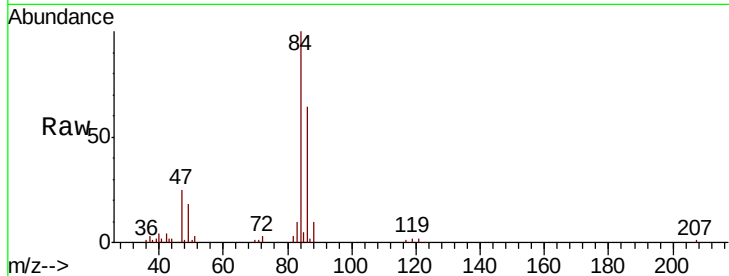




#25
Chloroform
Concen: 1.087 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031099.D
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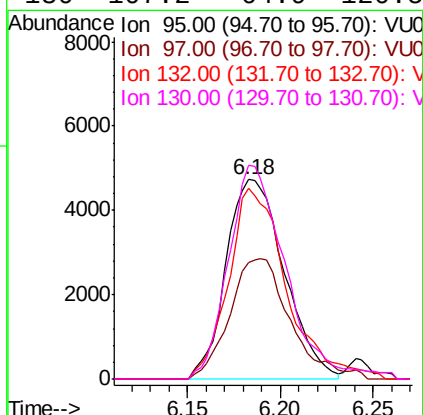
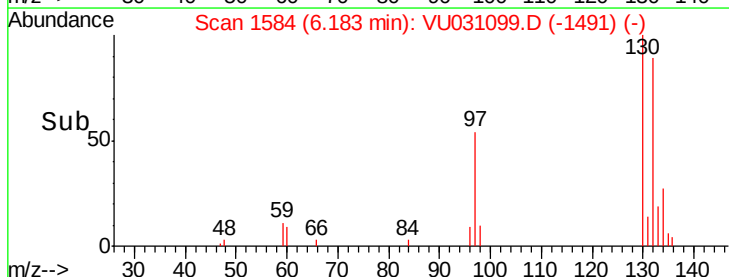
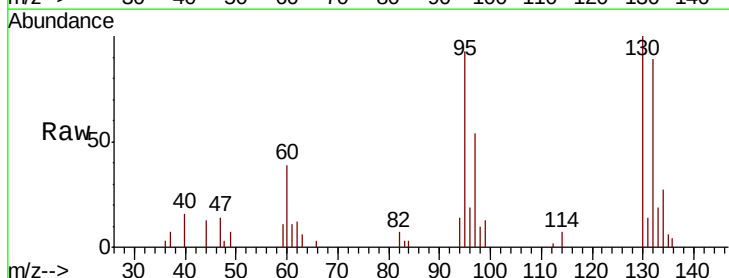
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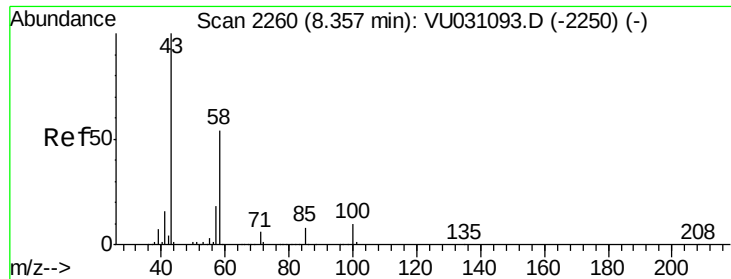
Tot Ion: 83 Resp: 8116
Ion Ratio Lower Upper
83 100
85 54.3 45.8 85.0



#34
Trichloroethene
Concen: 2.467 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031099.D
Acq: 12 Apr 2019 03:17

Tgt Ion: 95 Resp: 10317
Ion Ratio Lower Upper
95 100
97 58.3 44.5 82.7
132 95.7 61.5 114.1
130 107.2 64.9 120.5





#48
 2-Hexanone
 Concen: 2.393 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU031099.D
 Acq: 12 Apr 2019 03:17

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC48

Tot Ion: 43 Resp: 14491
 Ion Ratio Lower Upper
 43 100
 58 50.0 41.9 62.9
 57 0.0 14.3 21.5#
 100 6.3 7.1 10.7#

