

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032112.D
 Acq On : 17 May 2019 19:52
 Operator : JC/SP
 Sample : K2850-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W03DL

Quant Time: May 18 05:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 04:08:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	371350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	375330	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122757	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.68	69	101962	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.27	63	170232	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.21	46	279880	45.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.14%
24) Chloroform-d	4.64	84	231727	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.31	65	119209	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.33	84	461218	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.33	67	134024	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.56	98	385513	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.85	79	47450	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.31	63	232317	42.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125326	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	148382	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

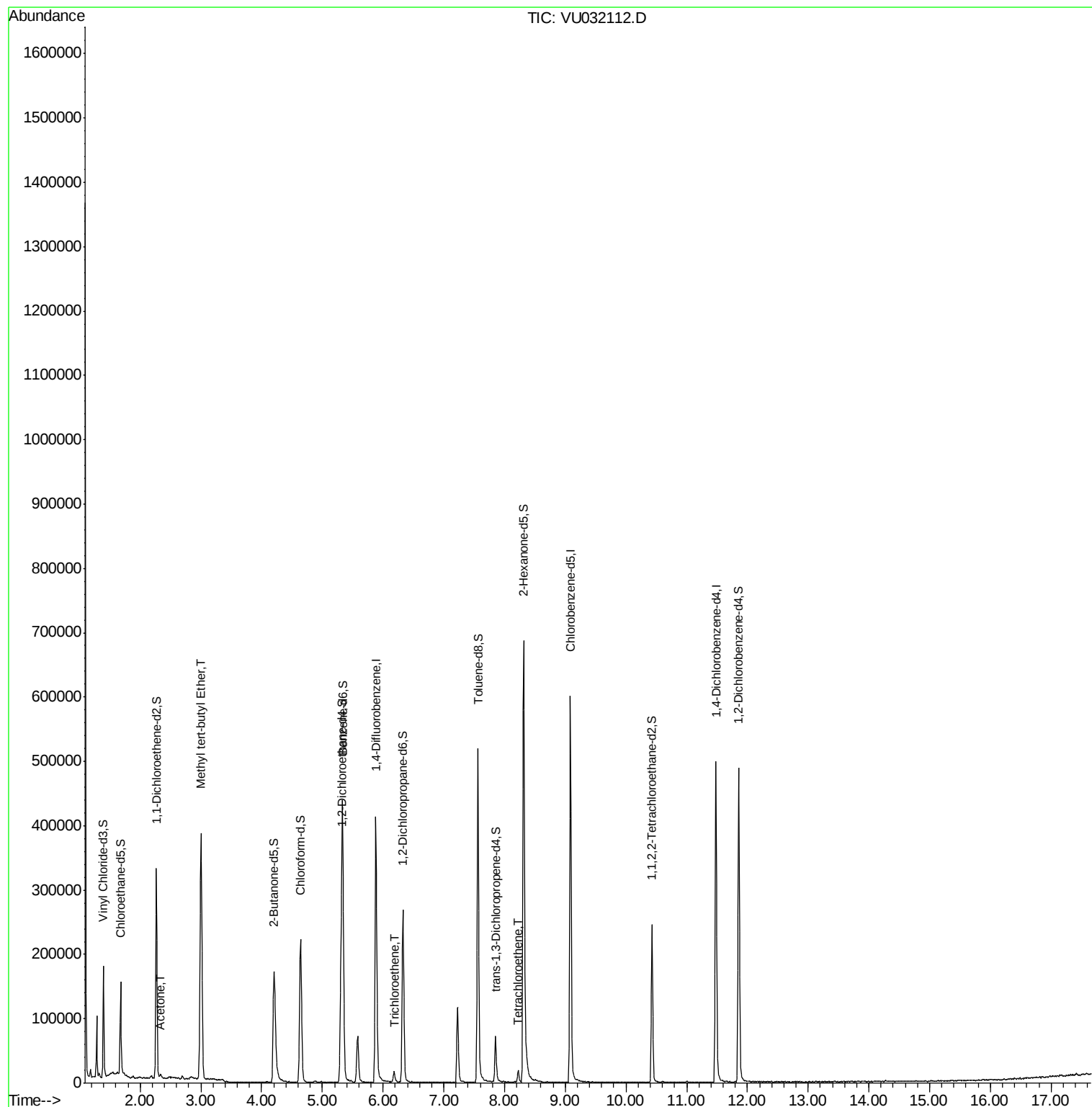
					Ovalue
13) Acetone	2.34	43	3928	1.948 ug/L	82
17) Methyl tert-butyl Ether	3.00	73	446098	12.724 ug/L	96
34) Trichloroethene	6.18	95	5310	0.340 ug/L	84
47) Tetrachloroethene	8.22	164	4832	0.413 ug/L	92

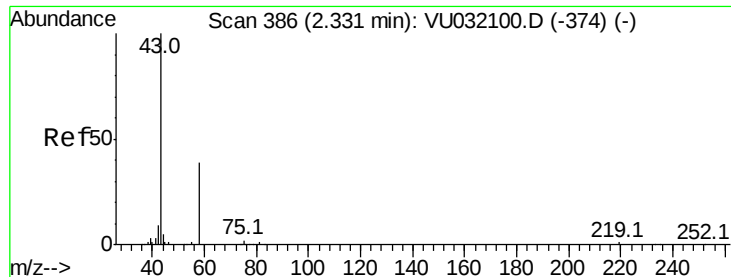
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.948 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032112.D

Acq: 17 May 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

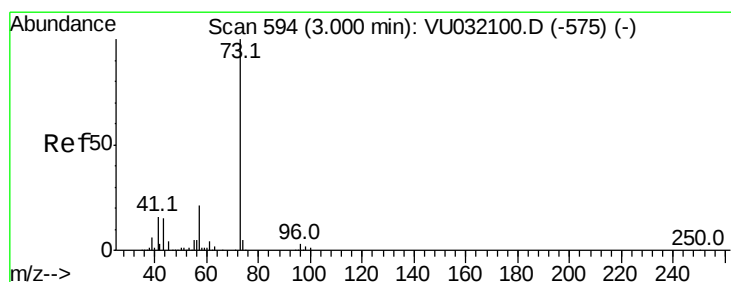
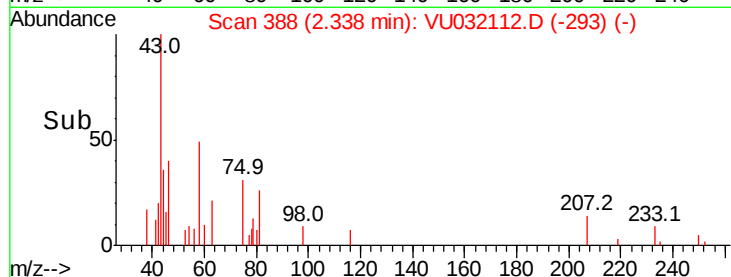
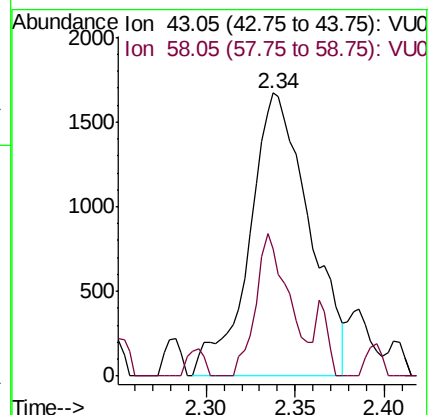
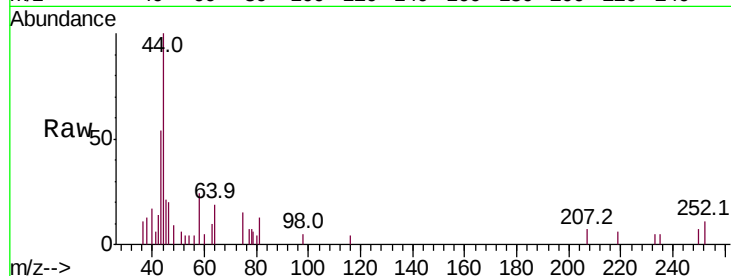
F9W03DL

Tot Ion: 43 Resp: 3928

Ion Ratio Lower Upper

43 100

58 28.6 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 12.724 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032112.D

Acq: 17 May 2019 19:52

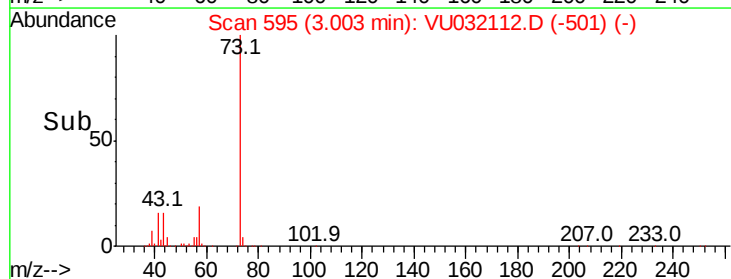
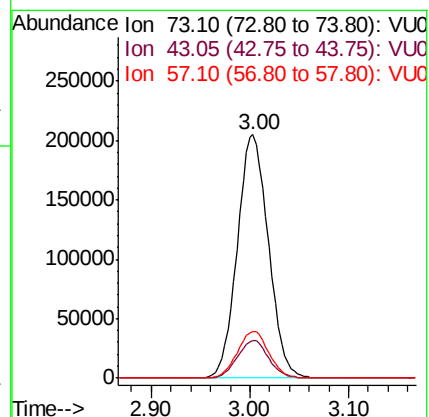
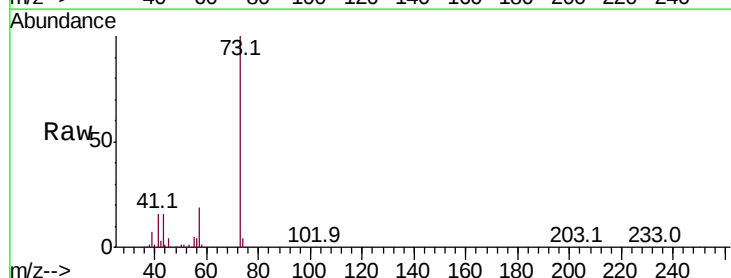
Tgt Ion: 73 Resp: 446098

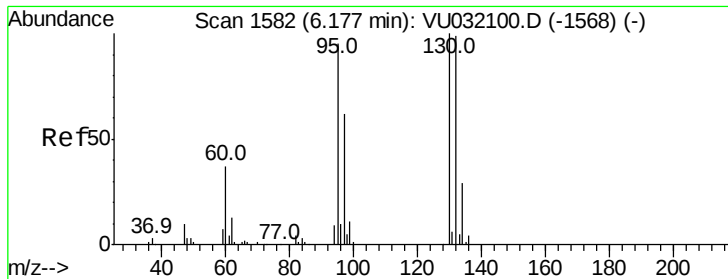
Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

57 19.5 17.9 26.9

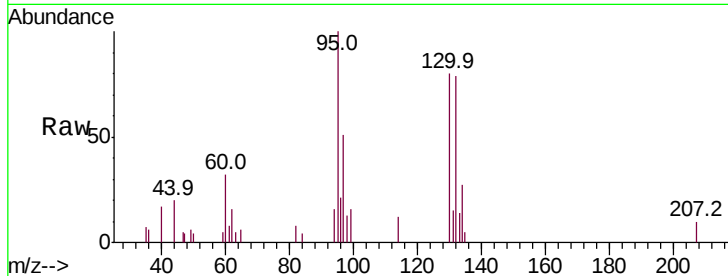




#34
 Trichloroethene
 Concen: 0.340 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VU032112.D
 Acq: 17 May 2019 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W03DL

Tot Ion:	95	Resp:	5310
Ion	Ratio	Lower	Upper
95	100		
97	50.8	45.2	84.0
132	79.2	66.1	122.7
130	80.1	66.7	123.9

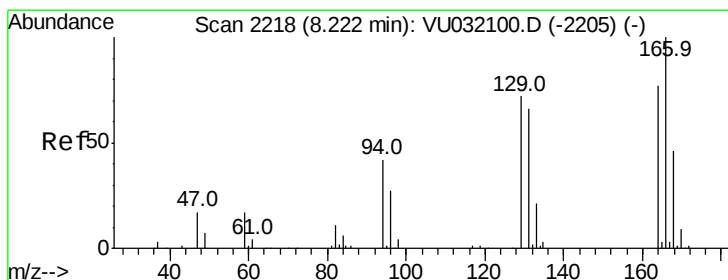
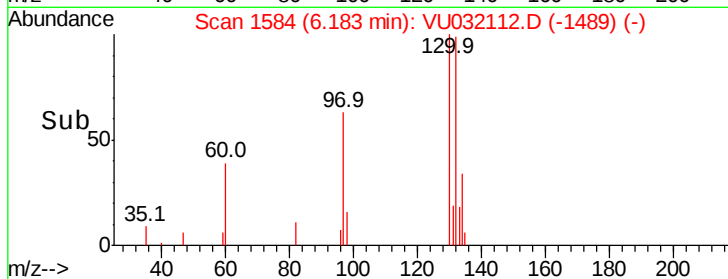
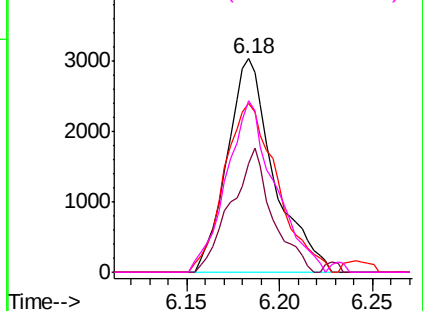


Abundance Ion 95.00 (94.70 to 95.70): VU032112.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU032112.D (-1568) (-)

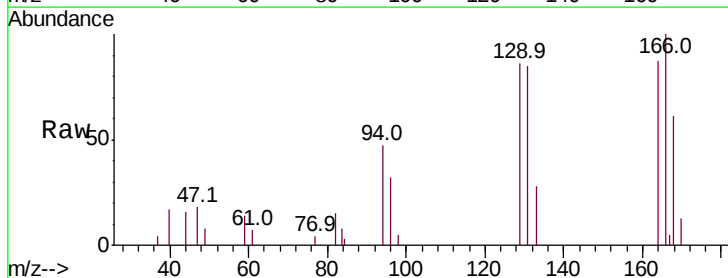
Ion 131.95 (131.65 to 132.65): VU032112.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU032112.D (-1568) (-)



#47
 Tetrachloroethene
 Concen: 0.413 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU032112.D
 Acq: 17 May 2019 19:52

Tgt Ion:	164	Resp:	4832
Ion	Ratio	Lower	Upper
164	100		
129	97.8	70.3	130.5
131	97.1	64.5	119.9
166	114.3	92.3	171.5



Abundance Ion 163.90 (163.60 to 164.60): VU032112.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032112.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032112.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032112.D (-2125) (-)

