

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032818.D
 Acq On : 18 Jun 2019 12:51
 Operator : JC/SP
 Sample : K3363-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR0

Quant Time: Jun 19 04:08:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 01:26:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	209475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60468	39.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.62%
7) Chloroethane-d5	1.68	69	54171	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.27	63	92625	30.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.54%
21) 2-Butanone-d5	4.17	46	142447	112.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	4.64	84	134028	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.30	65	96077	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
32) Benzene-d6	5.33	84	255326	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.32	67	86217	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.56	98	220634	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	7.85	79	37170	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.16%
47) 2-Hexanone-d5	8.31	63	103921	127.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.94%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	133861	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	92689	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%

Target Compounds

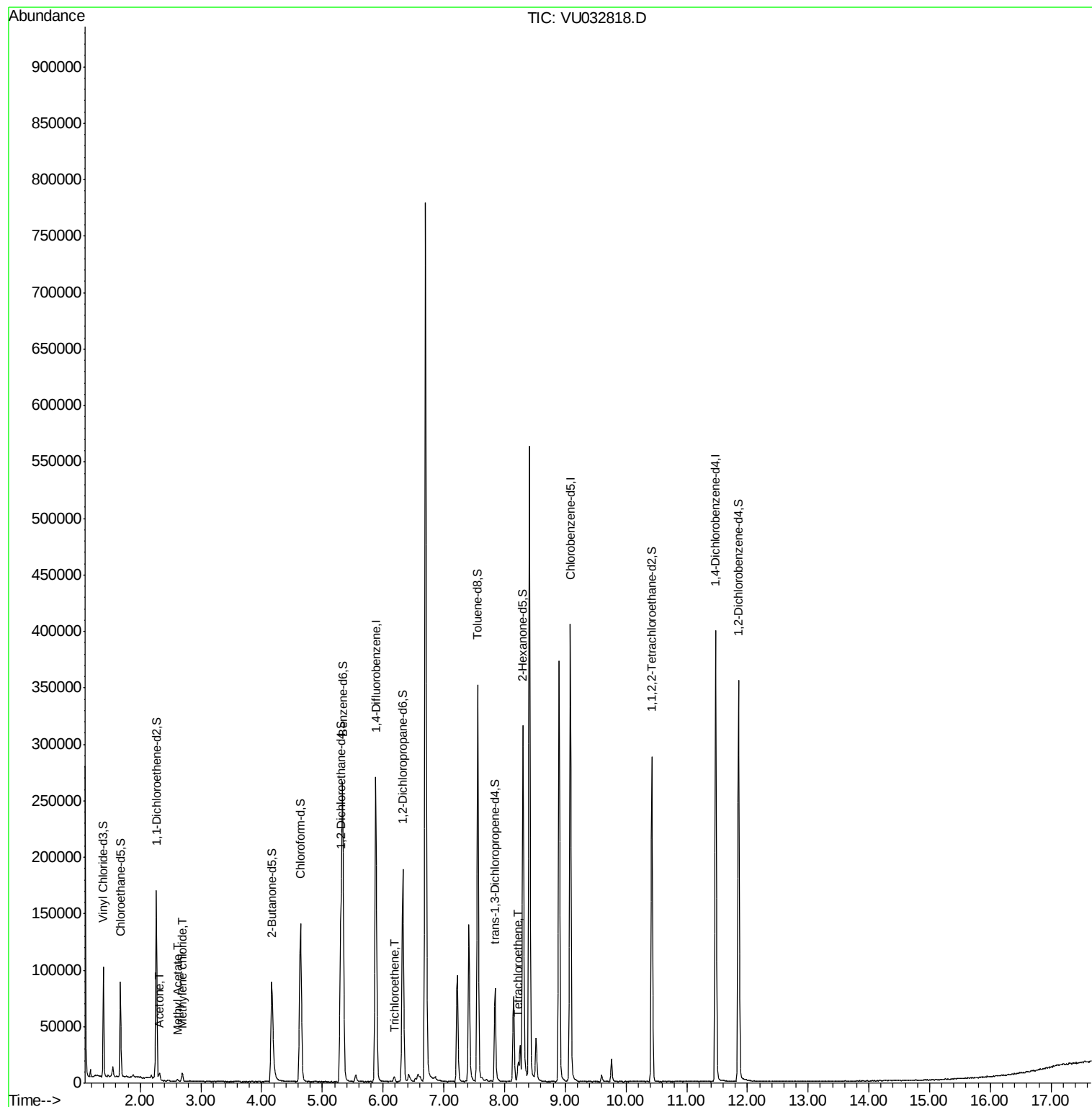
					Ovalue
13) Acetone	2.32	43	5620	3.218 ug/L	100
15) Methyl Acetate	2.62	43	2055	1.038 ug/L #	73
16) Methylene chloride	2.69	84	3106	1.891 ug/L	93
34) Trichloroethene	6.19	95	1619	1.004 ug/L	93
46) Tetrachloroethene	8.22	164	1940	1.468 ug/L	96

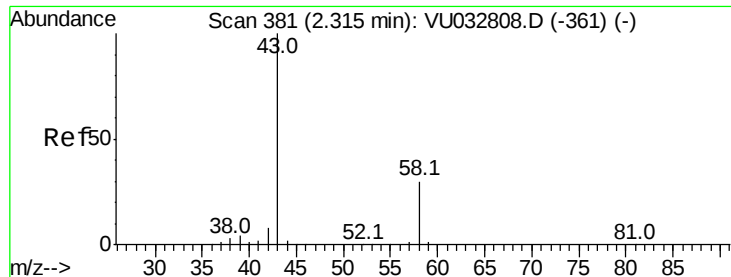
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.218 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032818.D

Acq: 18 Jun 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

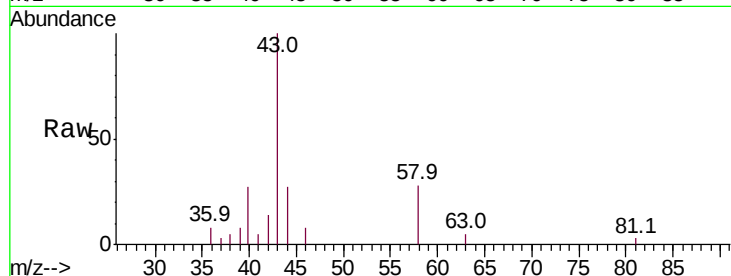
C0JR0

Tot Ion: 43 Resp: 5620

Ion Ratio Lower Upper

43 100

58 30.1 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032818.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032818.D (-361) (-)

2.32

4000

3000

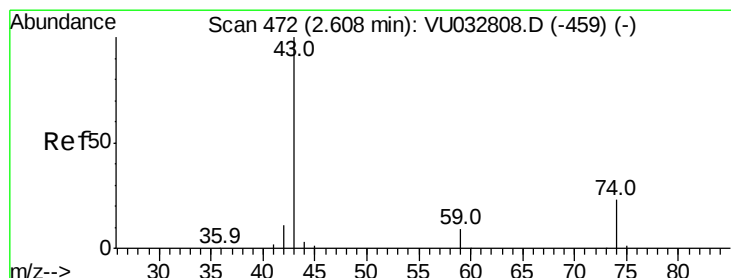
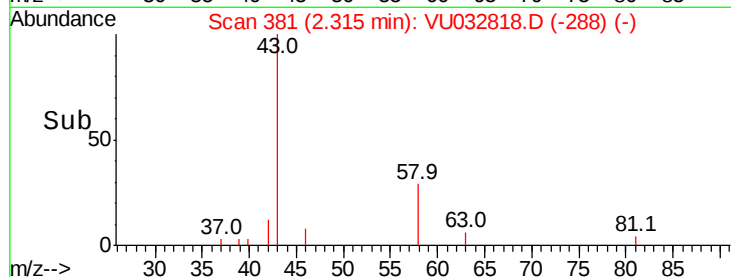
2000

1000

0

2.25 2.30 2.35 2.40

Time-->



#15

Methyl Acetate

Concen: 1.038 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032818.D

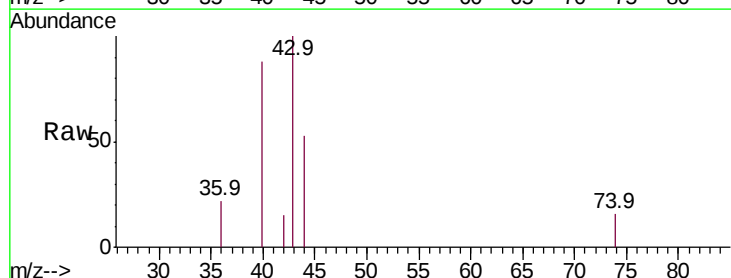
Acq: 18 Jun 2019 12:51

Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

43 100

74 9.5 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VU032818.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU032818.D (-459) (-)

1200

1000

800

600

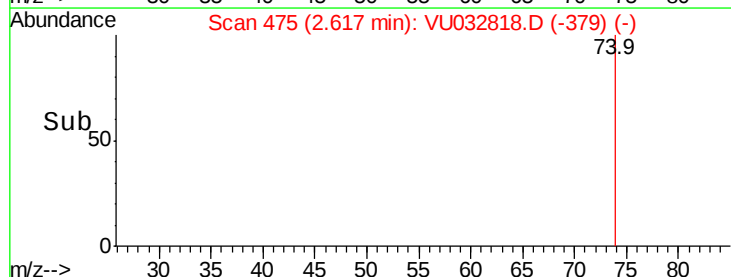
400

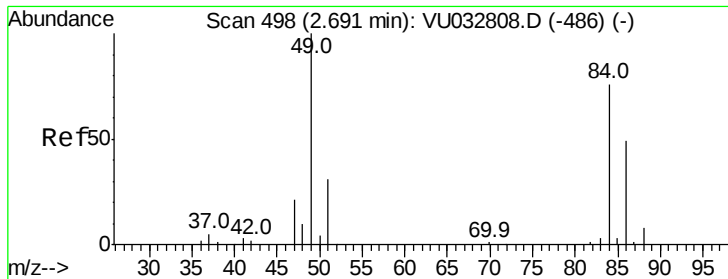
200

0

2.60 2.65

Time-->

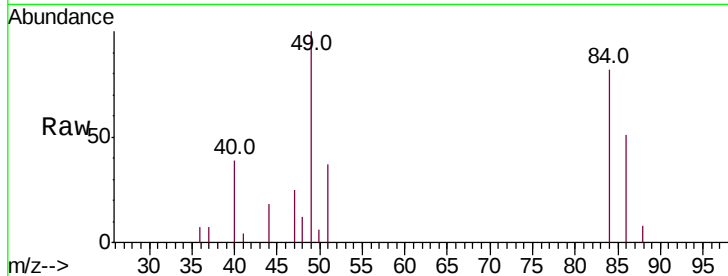




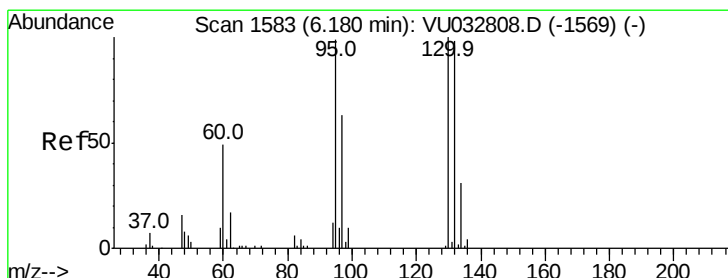
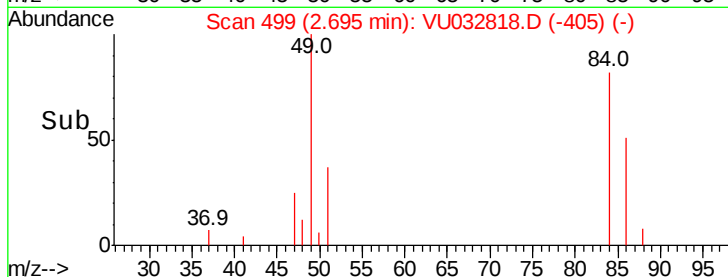
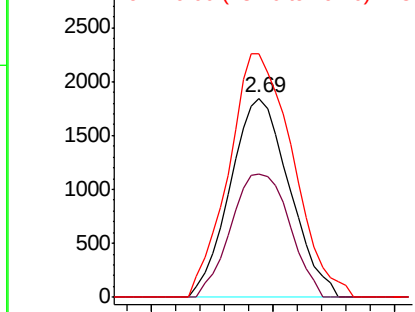
#16
Methvlene chloride
Concen: 1.891 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032818.D
Acq: 18 Jun 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :
C0JR0

Tot Ion: 84 Resp: 3106
Ion Ratio Lower Upper
84 100
86 62.1 45.5 84.5
49 122.3 92.1 171.1

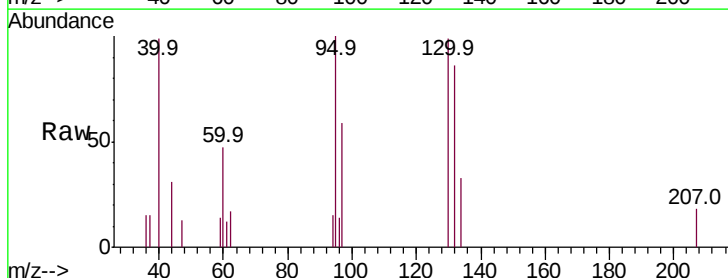


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

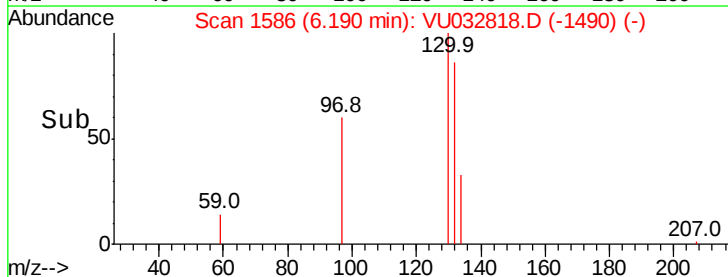
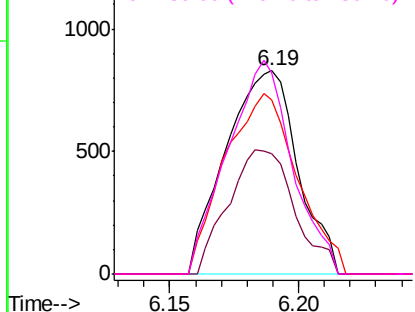


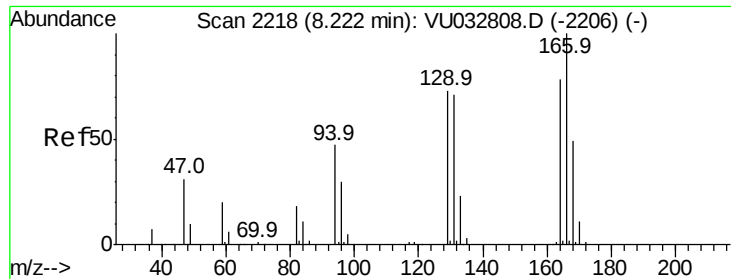
#34
Trichloroethene
Concen: 1.004 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU032818.D
Acq: 18 Jun 2019 12:51

Tgt Ion: 95 Resp: 1619
Ion Ratio Lower Upper
95 100
97 59.4 45.9 85.3
132 85.5 68.5 127.3
130 98.9 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 1.468 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032818.D

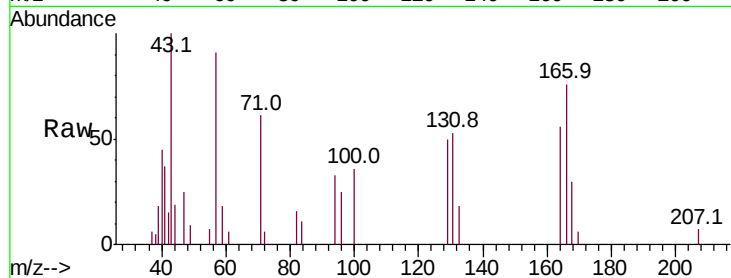
Acq: 18 Jun 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

C0JR0



Tot Ion:164 Resp: 1940

Ion Ratio Lower Upper

164 100

129 89.3 64.8 120.3

131 94.2 64.5 119.7

166 136.0 91.3 169.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

