

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061719\
 Data File : VU032800.D
 Acq On : 17 Jun 2019 22:01
 Operator : JC/SP
 Sample : K3324-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS1

Quant Time: Jun 18 05:04:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	223520	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	216563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55968	36.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.28%
7) Chloroethane-d5	1.68	69	51319	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.24%
11) 1,1-Dichloroethene-d2	2.27	63	91469	29.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.44%#
21) 2-Butanone-d5	4.17	46	134639	105.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	4.64	84	128499	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
26) 1,2-Dichloroethane-d4	5.30	65	90574	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
32) Benzene-d6	5.33	84	246930	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
36) 1,2-Dichloropropane-d6	6.32	67	81466	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.60%
41) Toluene-d8	7.56	98	228358	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%
43) trans-1,3-Dichloropropene-	7.84	79	38482	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.28%
47) 2-Hexanone-d5	8.31	63	97937	116.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.63%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	127321	45.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	98252	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds

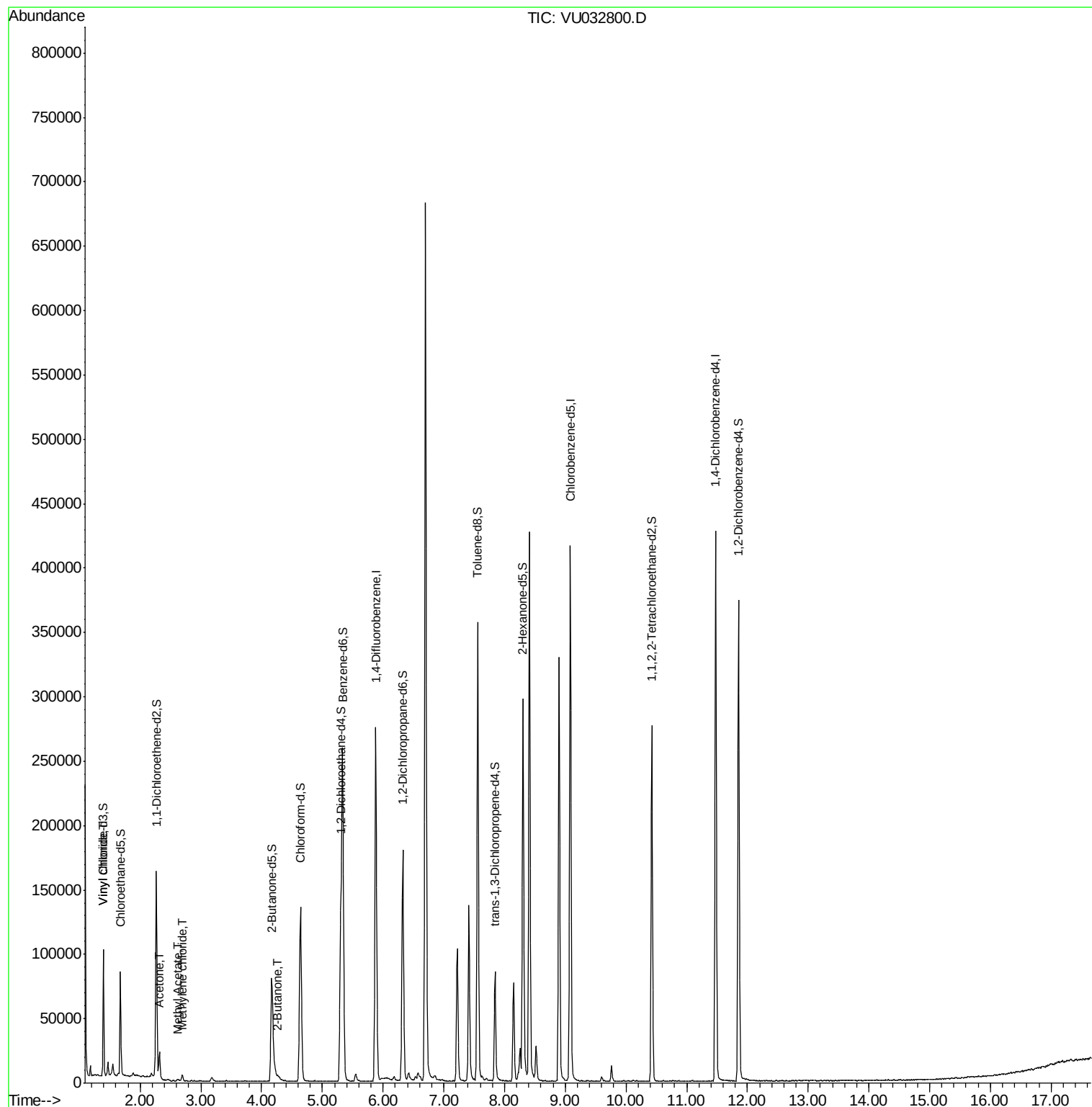
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	1934	0.953	ug/L #	24
13) Acetone	2.31	43	21523	12.256	ug/L	98
15) Methyl Acetate	2.61	43	1924	0.967	ug/L #	90
16) Methylene chloride	2.69	84	1935	1.172	ug/L	97
22) 2-Butanone	4.27	43	6084	3.343	ug/L	76

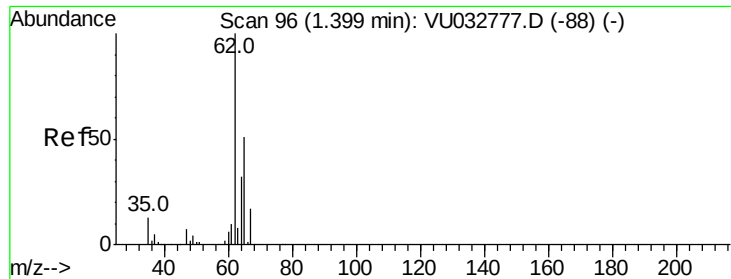
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061719\
Data File : VU032800.D
Acq On : 17 Jun 2019 22:01
Operator : JC/SP
Sample : K3324-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JS1

Quant Time: Jun 18 05:04:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.953 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032800.D

Acq: 17 Jun 2019 22:01

Instrument :

MSVOA_U

ClientSampleId :

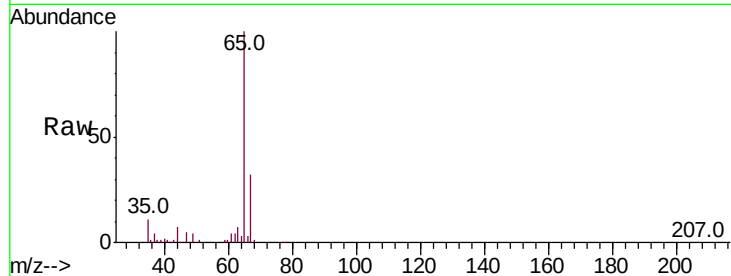
C0JS1

Tot Ion: 62 Resp: 1934

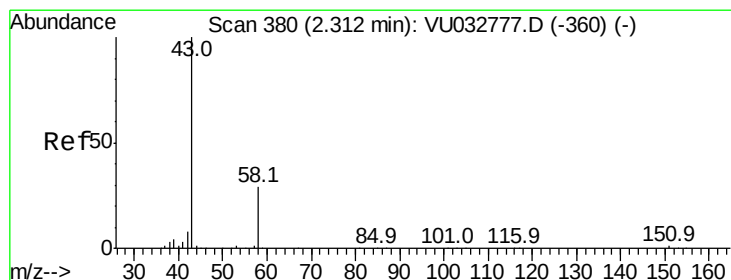
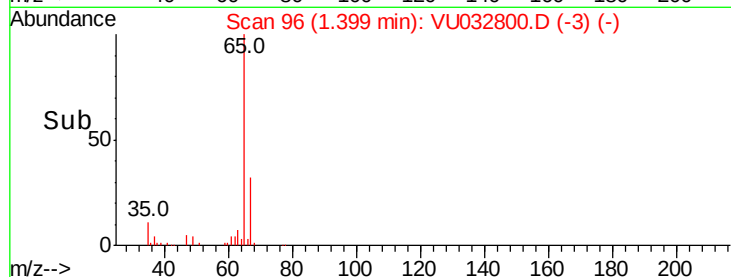
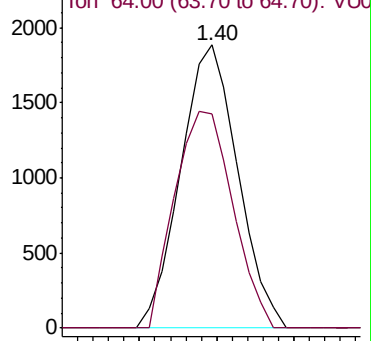
Ion Ratio Lower Upper

62 100

64 75.8 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU032777.D (-88) (-)



#13

Acetone

Concen: 12.256 ug/L

RT: 2.31 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032800.D

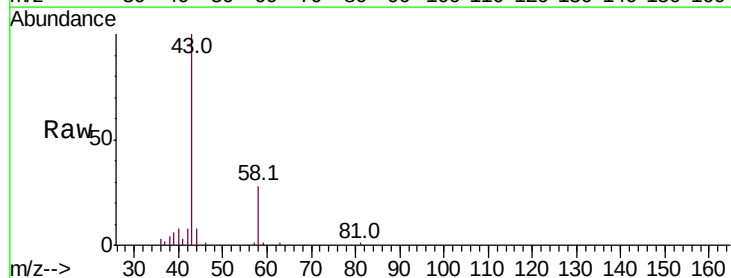
Acq: 17 Jun 2019 22:01

Tgt Ion: 43 Resp: 21523

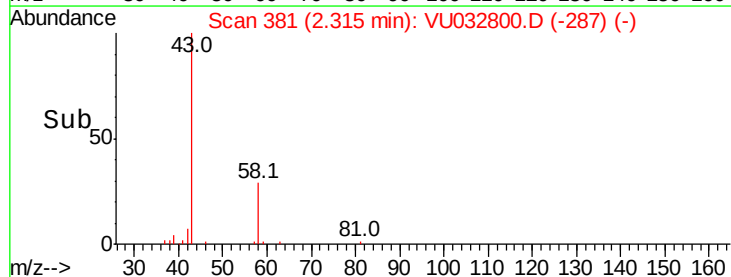
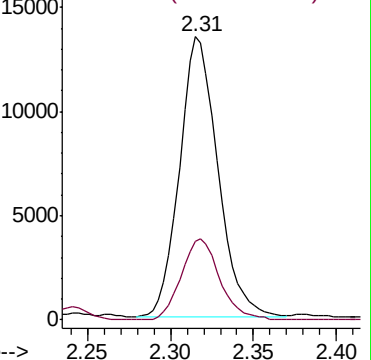
Ion Ratio Lower Upper

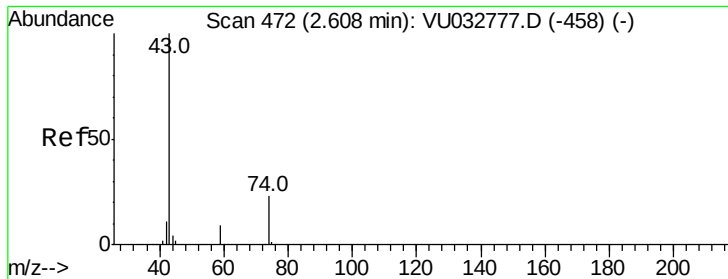
43 100

58 29.1 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-360) (-)

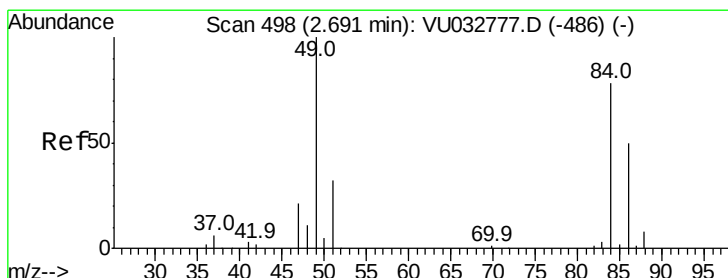
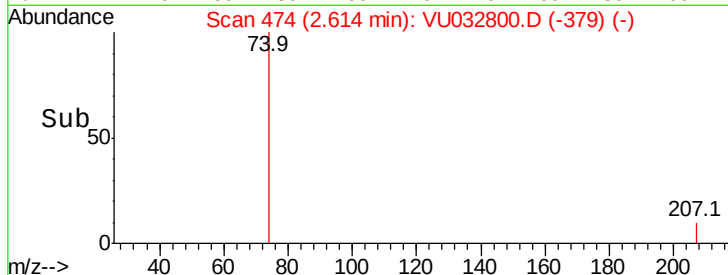
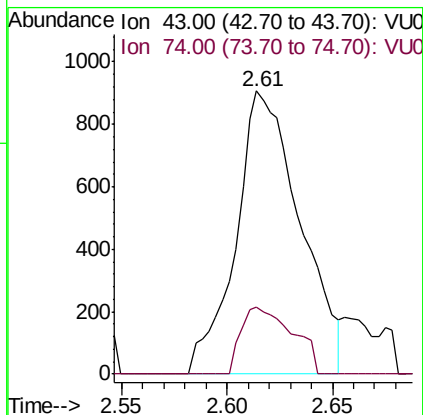
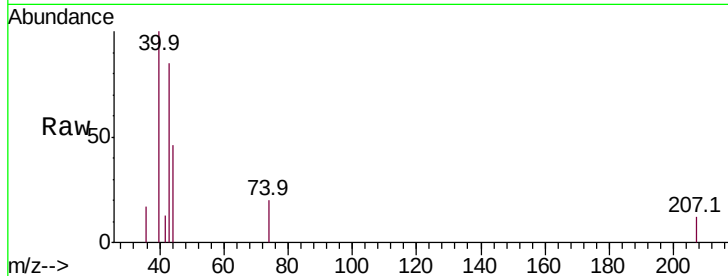




#15
Methyl Acetate
Concen: 0.967 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU032800.D
Acq: 17 Jun 2019 22:01

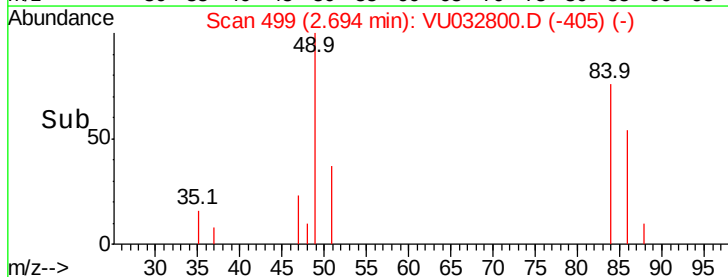
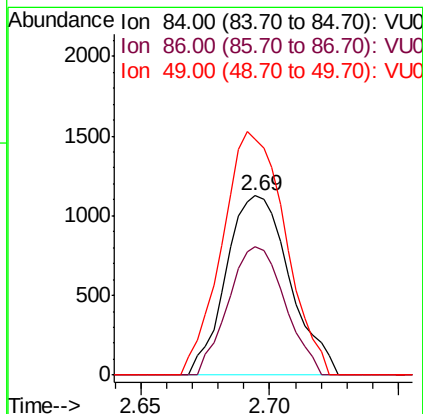
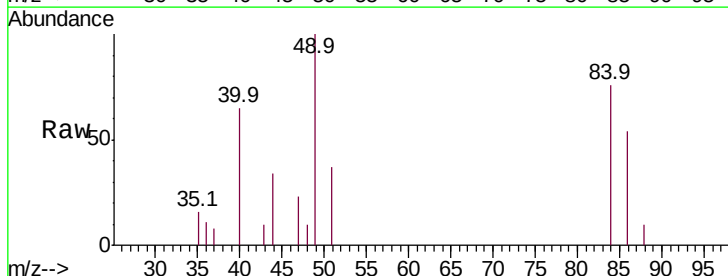
Instrument :
MSVOA_U
ClientSampled :
C0JS1

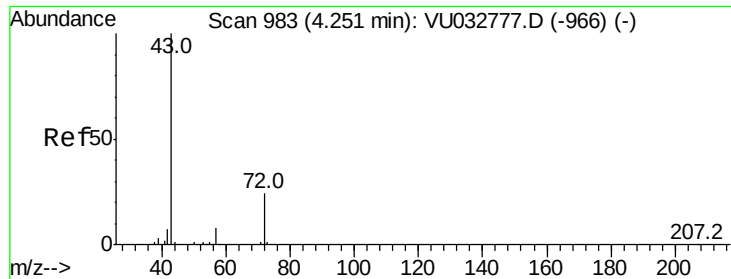
Tot Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
74 17.8 18.1 27.1#



#16
Methylene chloride
Concen: 1.172 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032800.D
Acq: 17 Jun 2019 22:01

Tgt Ion: 84 Resp: 1935
Ion Ratio Lower Upper
84 100
86 71.4 45.5 84.5
49 131.7 92.1 171.1





#22
 2-Butanone
 Concen: 3.343 ug/L
 RT: 4.27 min Scan# 990
 Delta R.T. 0.02 min
 Lab File: VU032800.D
 Acq: 17 Jun 2019 22:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS1

Tot Ion: 43 Resp: 6084
 Ion Ratio Lower Upper
 43 100
 72 13.5 12.9 38.6

