

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032825.D
 Acq On : 18 Jun 2019 15:32
 Operator : JC/SP
 Sample : K3363-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT7

Manual Integrations
 APPROVED

MMDadoda
 6/19/2019 8:04:56 AM

Quant Time: Jun 19 04:32:56 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	226718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74133	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.68	69	61134	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.94%
11) 1,1-Dichloroethene-d2	2.27	63	115487	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	4.17	46	144160	111.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.78%
24) Chloroform-d	4.64	84	145921	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.30	65	102455	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
32) Benzene-d6	5.33	84	292435	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.32	67	94372	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.56	98	273147	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%
43) trans-1,3-Dichloropropene-	7.85	79	42054	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.84%
47) 2-Hexanone-d5	8.31	63	99859	116.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.17%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	138285	48.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	110722	52.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.12%

Target Compounds

					Ovalue
13) Acetone	2.32	43	15751	8.843 ug/L	99
15) Methyl Acetate	2.62	43	3458	1.713 ug/L #	90
16) Methylene chloride	2.69	84	2424	1.447 ug/L	97
22) 2-Butanone	4.27	43	3033m	1.643 ug/L	

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

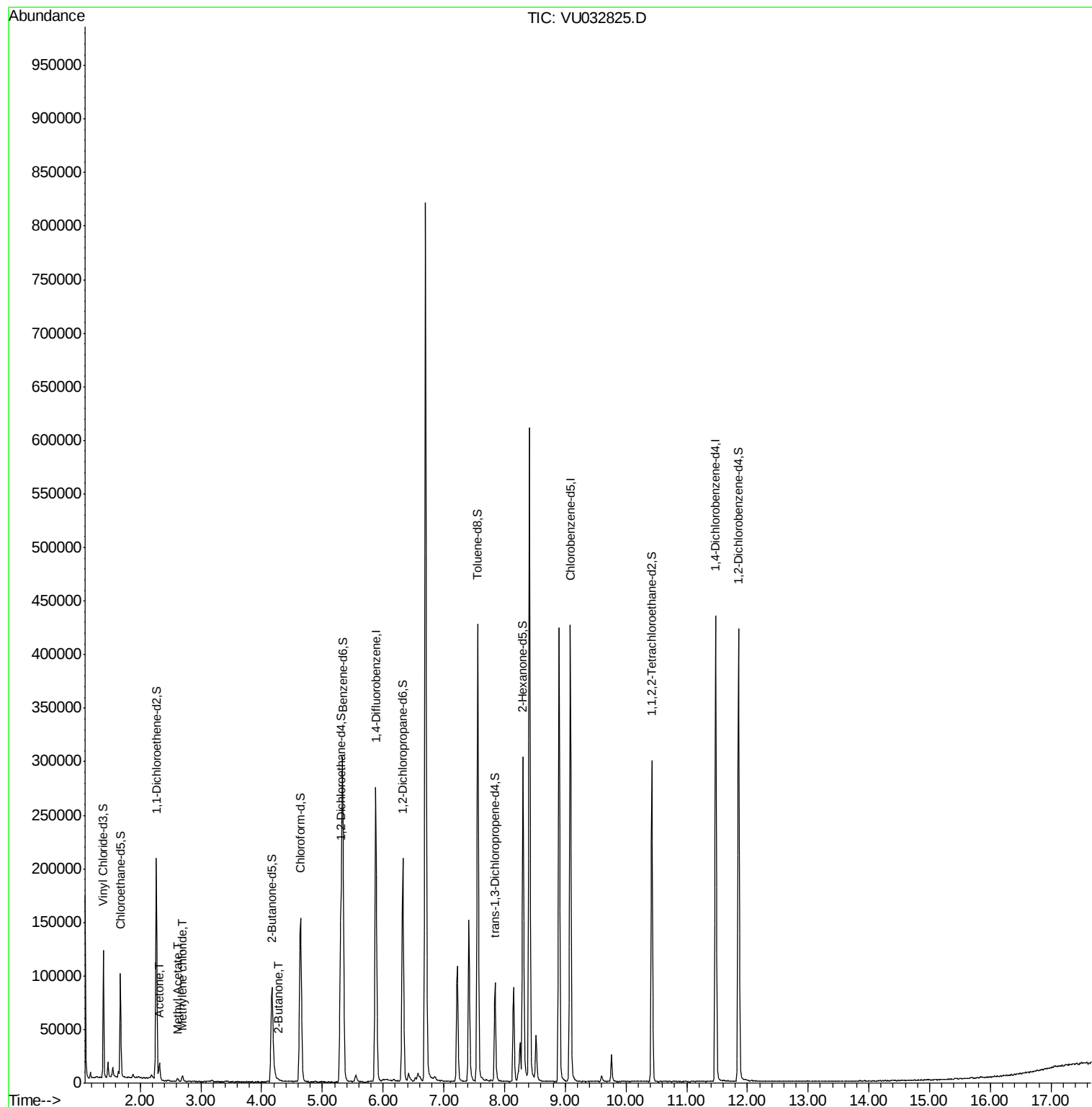
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061819\
Data File : VU032825.D
Acq On : 18 Jun 2019 15:32
Operator : JC/SP
Sample : K3363-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

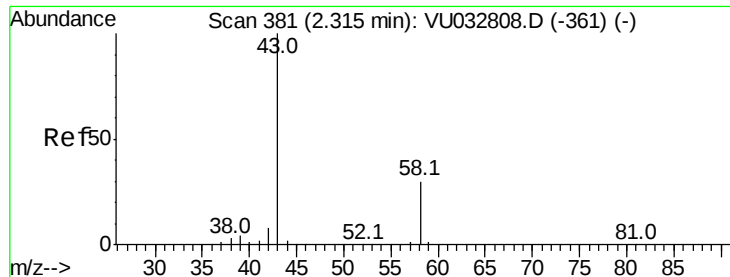
Instrument :
MSVOA_U
ClientSampleId :
C0JT7

Manual Integrations
APPROVED

MMDadoda
6/19/2019 8:04:56 AM

Quant Time: Jun 19 04:32:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.843 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032825.D

Acq: 18 Jun 2019 15:32

Instrument :

MSVOA_U

ClientSampled :

C0JT7

Tot Ion: 43 Resp: 15751

Ion Ratio Lower Upper

43 100

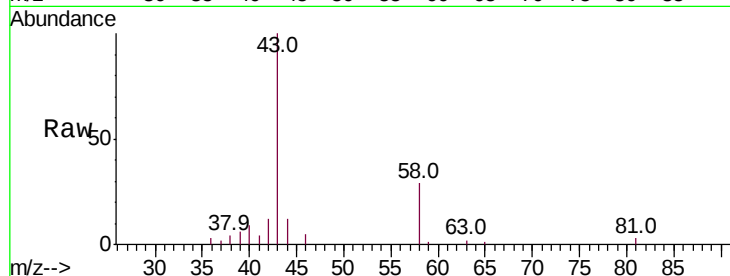
58 29.8 0.0 60.6

Manual Integrations

APPROVED

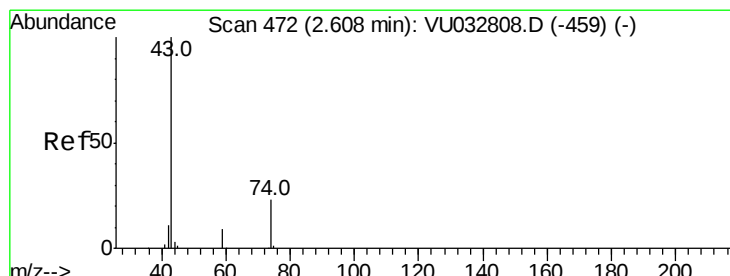
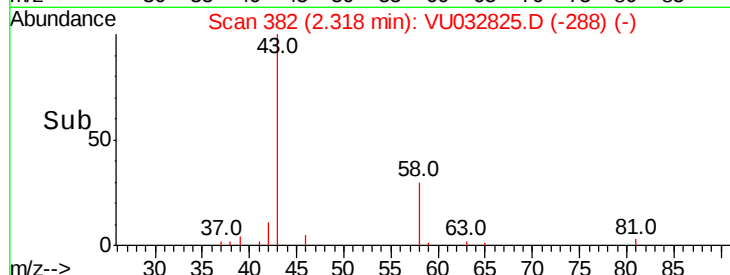
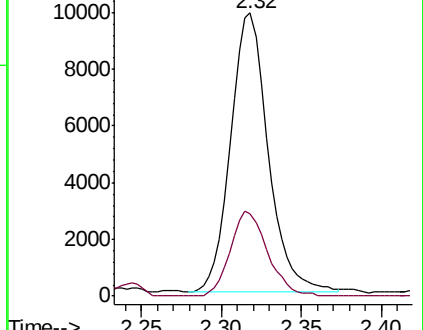
MMDadoda

6/19/2019 8:04:56 AM



Abundance Ion 43.00 (42.70 to 43.70): VU032808.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032808.D (-361) (-)



#15

Methyl Acetate

Concen: 1.713 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032825.D

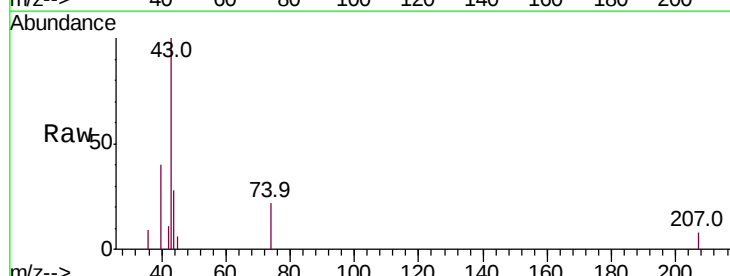
Acq: 18 Jun 2019 15:32

Tgt Ion: 43 Resp: 3458

Ion Ratio Lower Upper

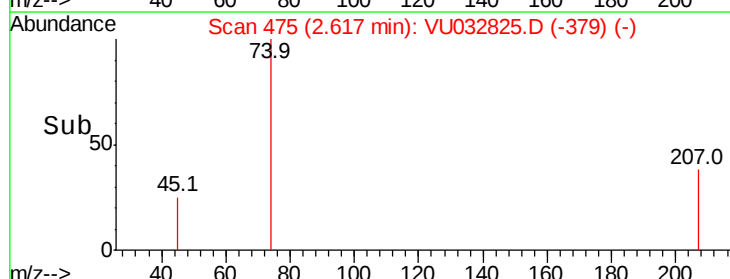
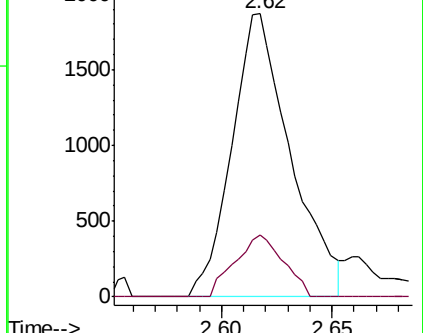
43 100

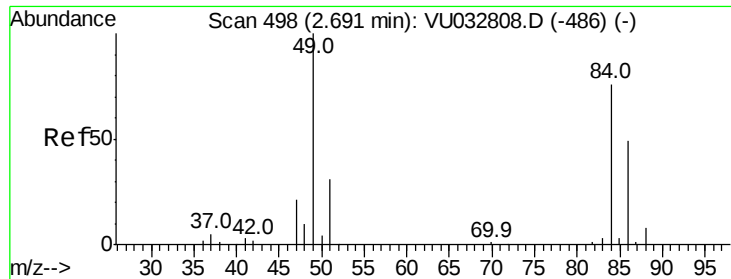
74 18.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VU032808.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU032808.D (-459) (-)





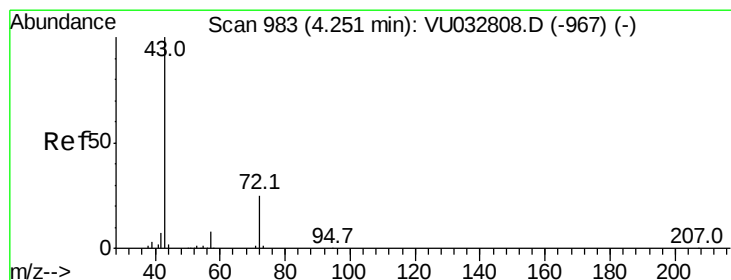
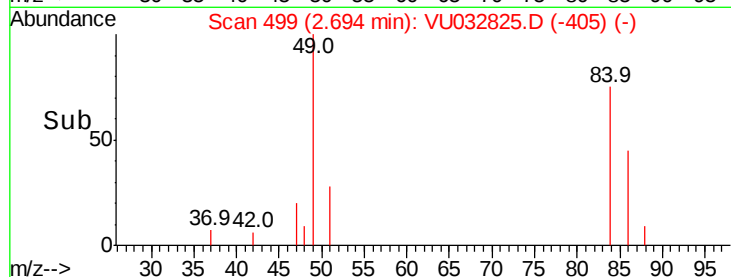
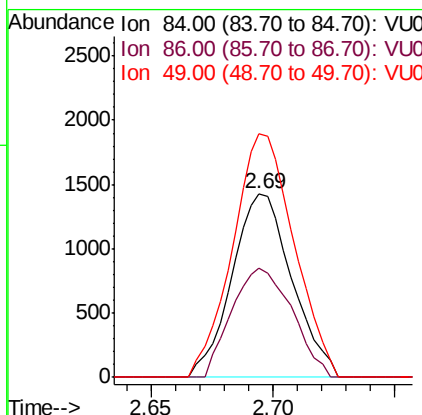
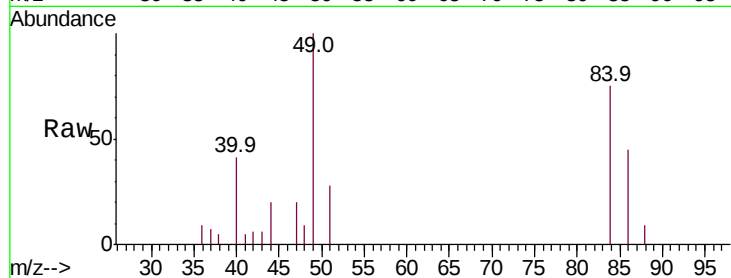
#16
Methvlene chloride
Concen: 1.447 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032825.D
Acq: 18 Jun 2019 15:32

Instrument :
MSVOA_U
ClientSampleId :
C0JT7

Tot Ion	Ratio	Lower	Upper
84	100		
86	59.2	45.5	84.5
49	132.7	92.1	171.1

Manual Integrations
APPROVED

MMDadoda
6/19/2019 8:04:56 AM



#22
2-Butanone
Concen: 1.643 ug/L m
RT: 4.27 min Scan# 989
Delta R.T. 0.02 min
Lab File: VU032825.D
Acq: 18 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
43	100		
72	5.4	12.9	38.6#

