

Data File : VU033697.D
Acq On : 09 Aug 2019 20:55
Operator : JC/SP
Sample : K4202-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B62

Quant Time: Aug 10 04:29:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	388262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	369080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	187159	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	136705	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.66%
7) Chloroethane-d5	1.67	69	126074	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.02%
11) 1,1-Dichloroethene-d2	2.26	63	185130	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.04%
21) 2-Butanone-d5	4.16	46	266639	150.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	150.49%#
24) Chloroform-d	4.62	84	266078	62.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.32%#
26) 1,2-Dichloroethane-d4	5.28	65	175086	65.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.88%#
32) Benzene-d6	5.32	84	539290	61.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.82%
36) 1,2-Dichloropropane-d6	6.31	67	176796	66.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.28%#
41) Toluene-d8	7.55	98	483529	59.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.04%
43) trans-1,3-Dichloropropene-	7.83	79	85370	63.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	126.50%#
47) 2-Hexanone-d5	8.29	63	204370	147.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.61%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	270518	68.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	136.82%#
64) 1,2-Dichlorobenzene-d4	11.84	152	209920	66.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	133.28%#

Target Compounds

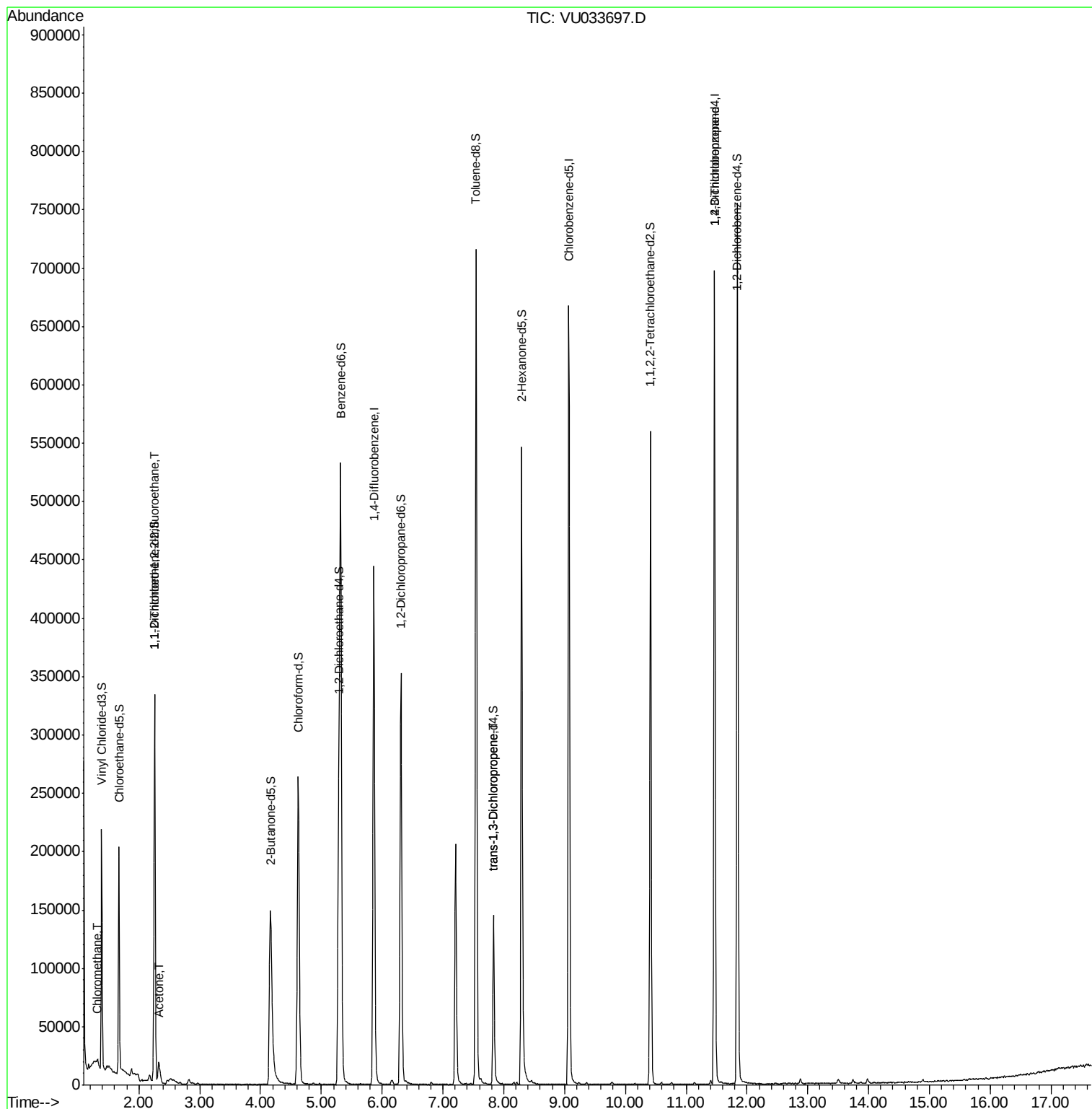
					Qvalue
3) Chloromethane	1.32	50	2409	0.821 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2022	0.870 ug/L #	29
13) Acetone	2.33	43	27709	15.554 ug/L	100
44) trans-1,3-Dichloropropene	7.83	75	4258	1.097 ug/L	92
59) 1,2,3-Trichloropropane	11.47	75	21910	5.912 ug/L	96

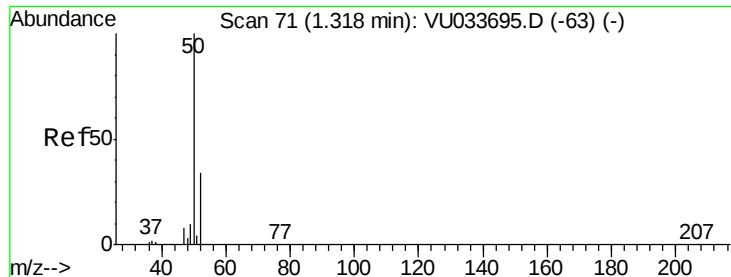
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.821 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

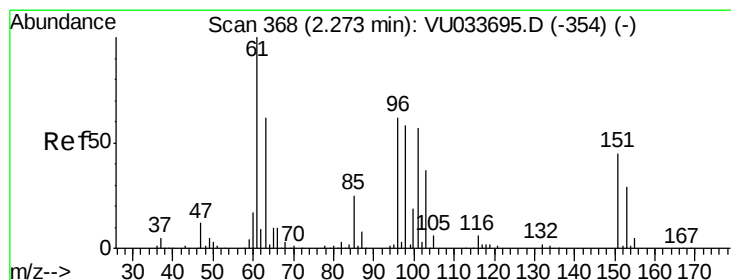
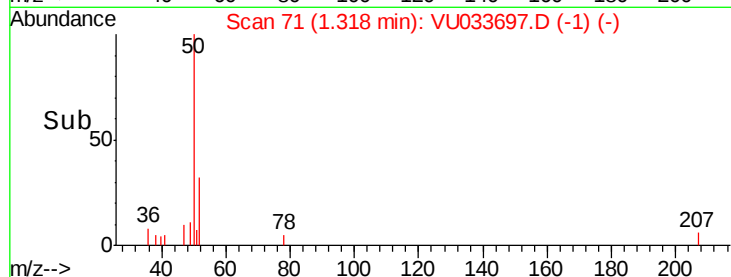
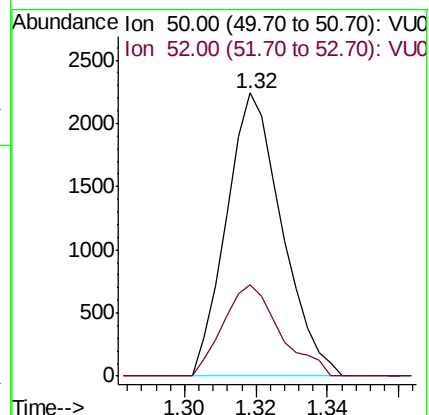
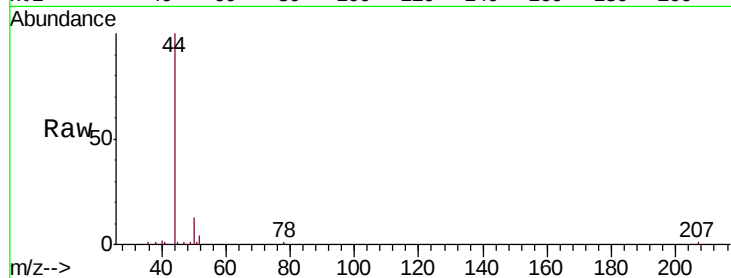
F2B62

Tgt Ion: 50 Resp: 2409

Ion Ratio Lower Upper

50 100

52 32.2 23.0 42.8



#10

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

Concen: 0.870 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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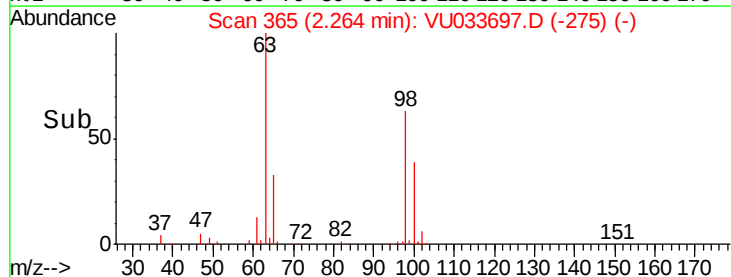
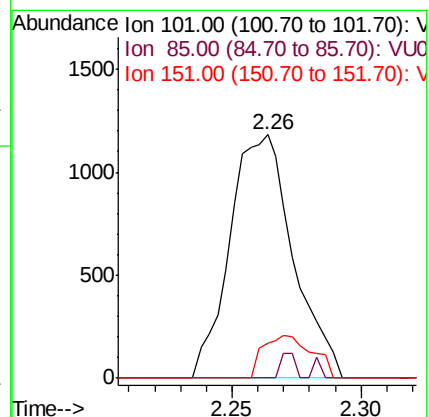
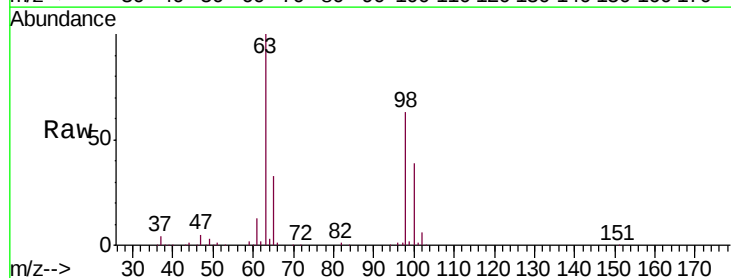
Tgt Ion: 101 Resp: 2022

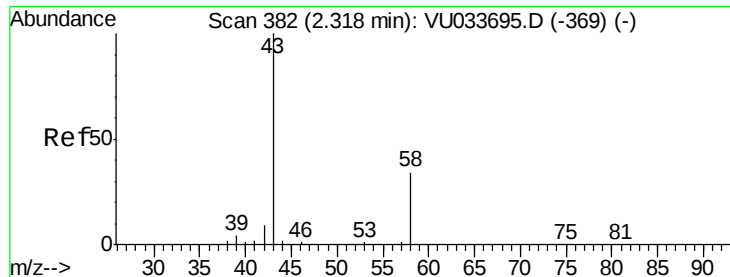
Ion Ratio Lower Upper

101 100

85 2.3 34.5 51.7#

151 12.5 63.0 94.4#





#13

Acetone

Concen: 15.554 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

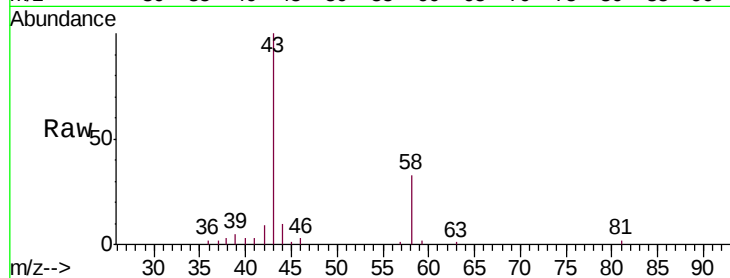
F2B62

Tgt Ion: 43 Resp: 27709

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU033697.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU033697.D (-289) (-)

2.33

12000

10000

8000

6000

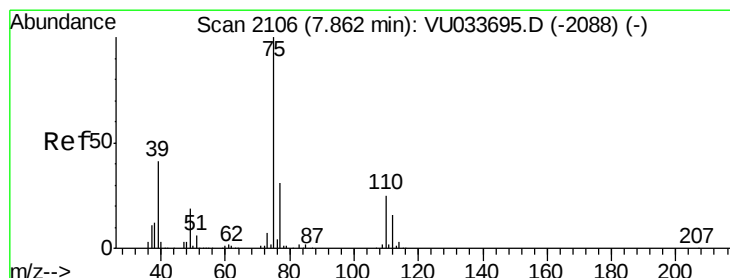
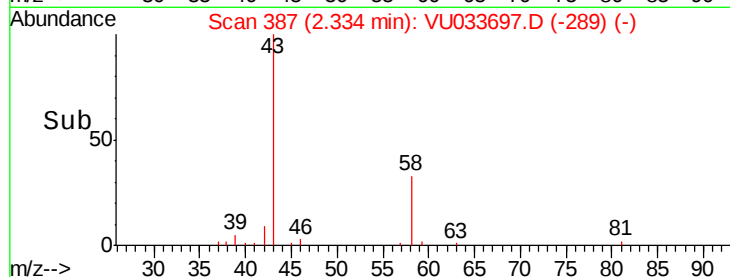
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#44

trans-1,3-Dichloropropene

Concen: 1.097 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033697.D

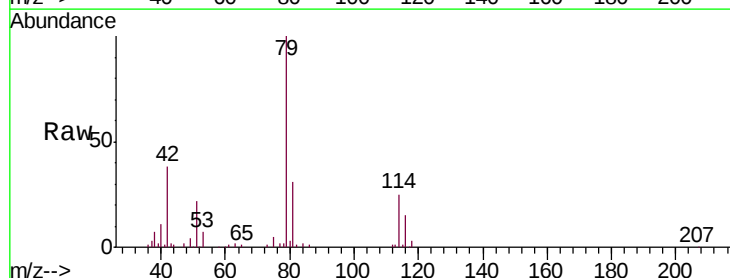
Acq: 09 Aug 2019 20:55

Tgt Ion: 75 Resp: 4258

Ion Ratio Lower Upper

75 100

77 36.7 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033697.D (-2133) (-)

Ion 77.00 (76.70 to 77.70): VU033697.D (-2133) (-)

7.83

2500

2000

1500

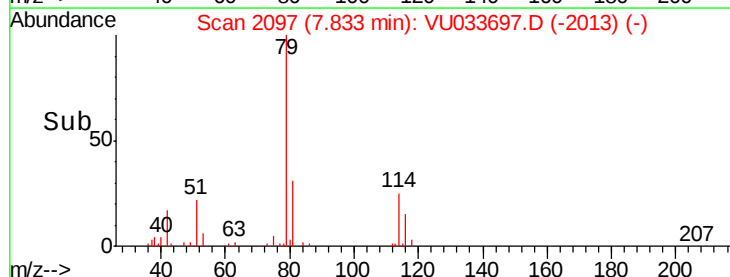
1000

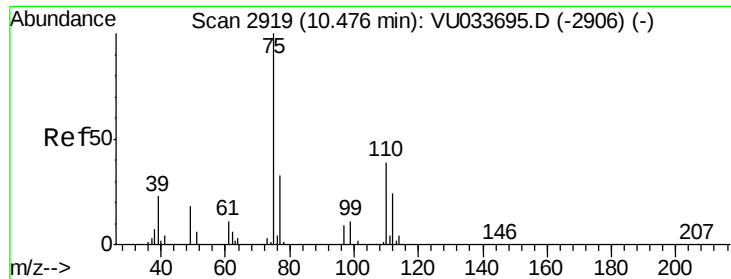
500

0

Time-->

7.80 7.85 7.90





#59

1,2,3-Trichloropropane

Concen: 5.912 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033697.D

Acq: 09 Aug 2019 20:55

Instrument :

MSVOA_U

ClientSampleId :

F2B62

Tgt Ion: 75 Resp: 21910

Ion Ratio Lower Upper

75 100

77 35.1 26.4 39.6

