

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032102.D
 Acq On : 17 May 2019 15:42
 Operator : JC/SP
 Sample : K2859-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W42

Quant Time: May 18 04:43:53 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	377912	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120744	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.68	69	108079	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.27	63	172181	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.20	46	242617	38.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.64%
24) Chloroform-d	4.64	84	230844	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	114433	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	463720	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.33	67	135465	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.56	98	386001	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	46812	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.31	63	215140	38.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111795	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	148740	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

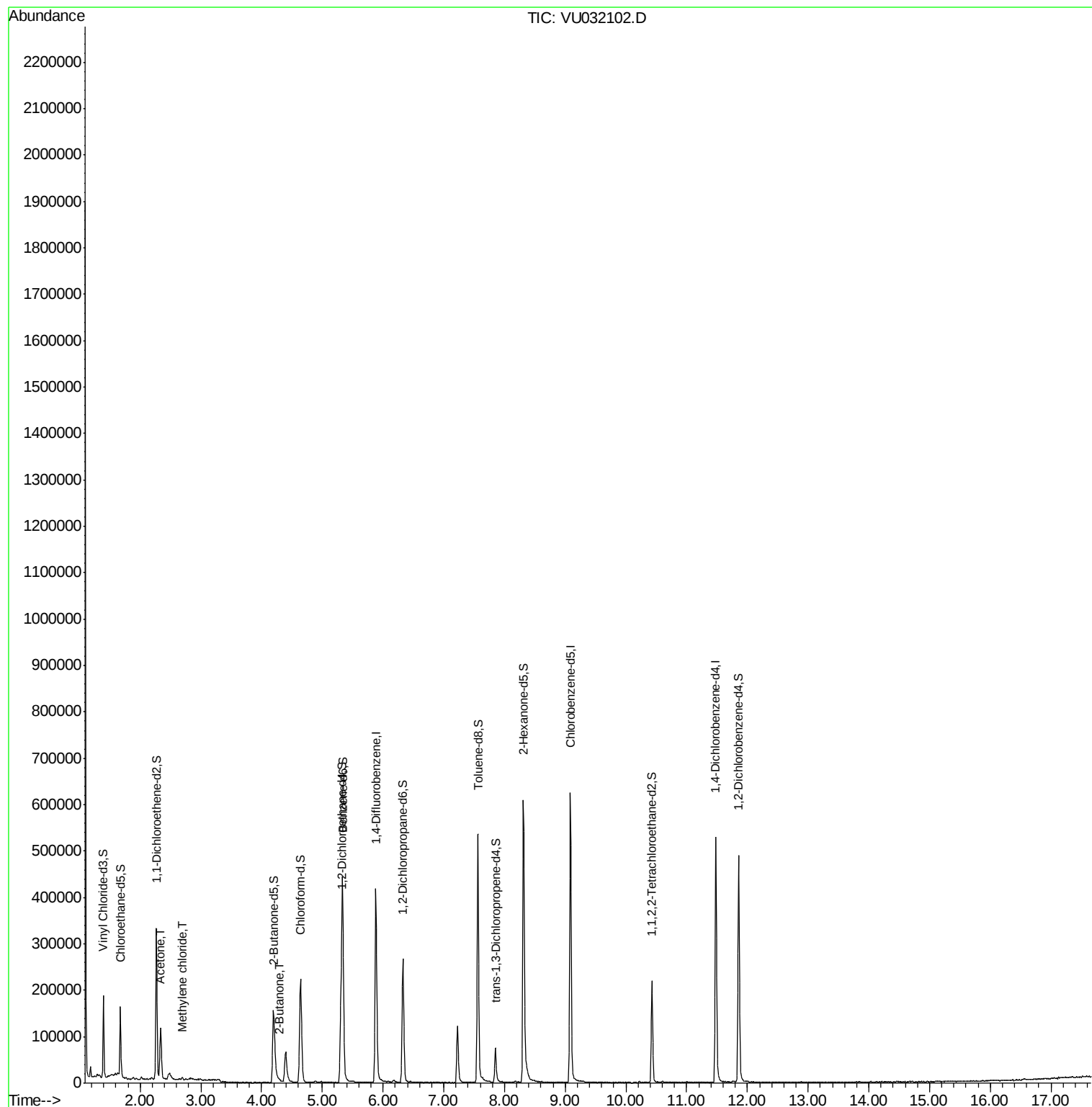
Target Compounds					Ovalue
13) Acetone	2.33	43	48922	23.844 ug/L	99
16) Methylene chloride	2.69	84	2355	0.130 ug/L	97
21) 2-Butanone	4.30	43	2776	0.943 ug/L	72

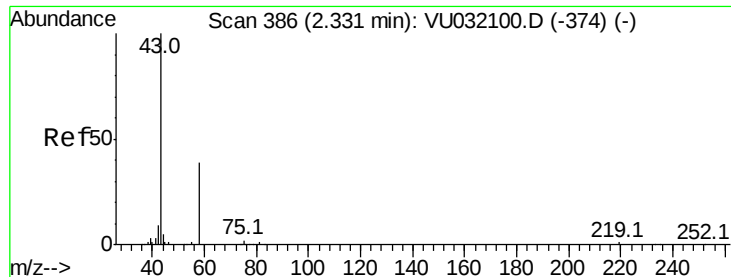
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.844 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU032102.D

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Instrument :

MSVOA_U

ClientSampleId :

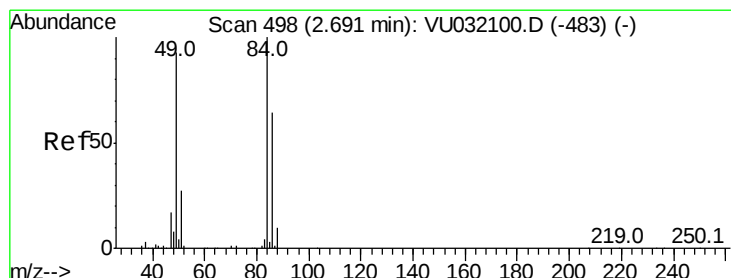
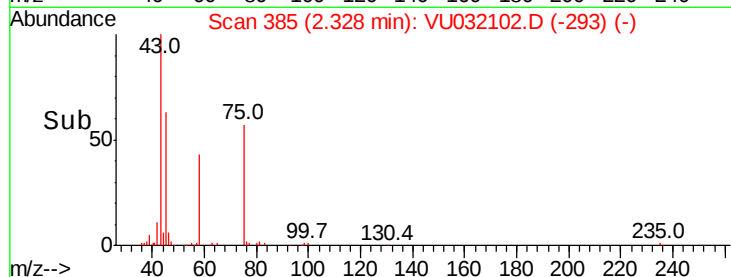
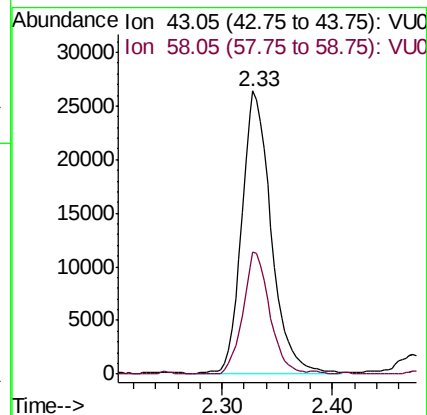
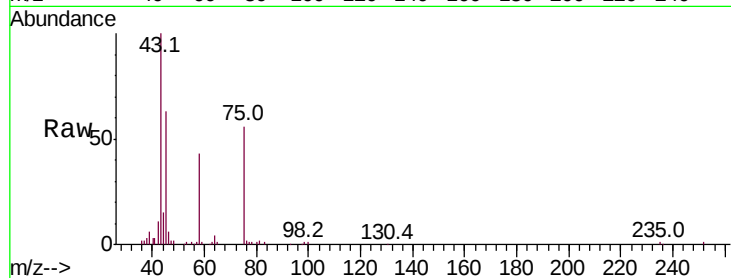
F9W42

Tot Ion: 43 Resp: 48922

Ion Ratio Lower Upper

43 100

58 39.0 0.0 78.8



#16

Methylene chloride

Concen: 0.130 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

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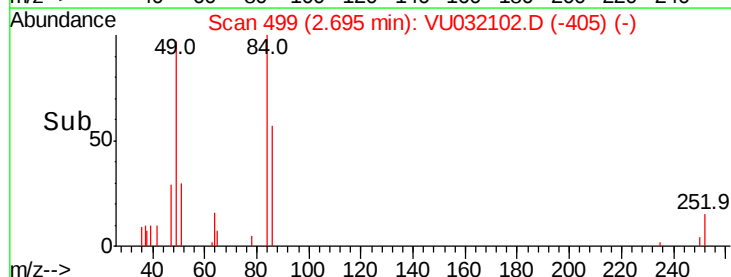
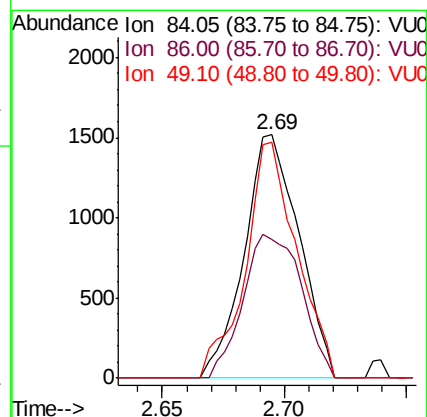
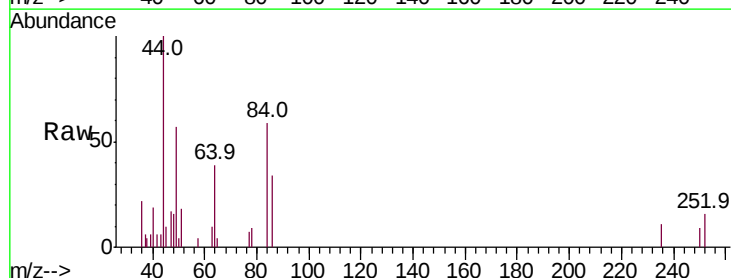
Tgt Ion: 84 Resp: 2355

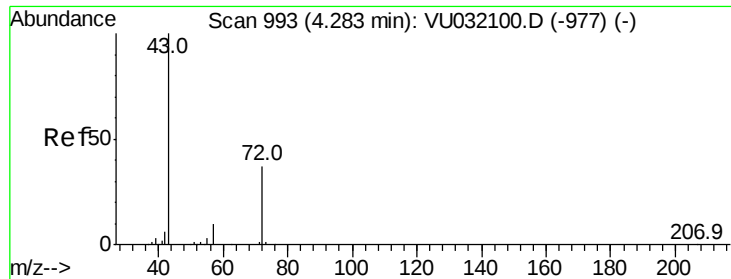
Ion Ratio Lower Upper

84 100

86 57.1 43.1 80.1

49 97.2 67.7 125.7

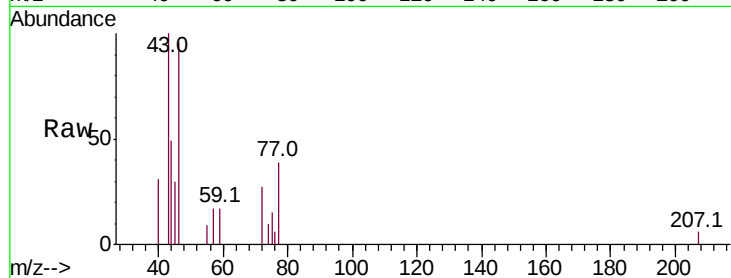




#21
 2-Butanone
 Concen: 0.943 ug/L
 RT: 4.30 min Scan# 997
 Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 2776
 Ion Ratio Lower Upper
 43 100
 72 17.8 16.8 50.3



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0

