

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU052819\
 Data File : VU032339.D
 Acq On : 28 May 2019 19:45
 Operator : JC/SP
 Sample : K3017-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51G1

Quant Time: Jun 14 05:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	742985	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	729163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	309458	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	236833	43.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.50%
7) Chloroethane-d5	1.67	69	213868	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.72%
11) 1,1-Dichloroethene-d2	2.27	63	334249	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.72%
21) 2-Butanone-d5	4.17	46	375964	104.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.31%
24) Chloroform-d	4.64	84	475738	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
26) 1,2-Dichloroethane-d4	5.30	65	300060	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
32) Benzene-d6	5.33	84	979189	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.32	67	310612	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.64%
41) Toluene-d8	7.56	98	858612	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloropropene-	7.85	79	121751	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.31	63	234149	94.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	456927	50.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	334300	52.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.96%

Target Compounds

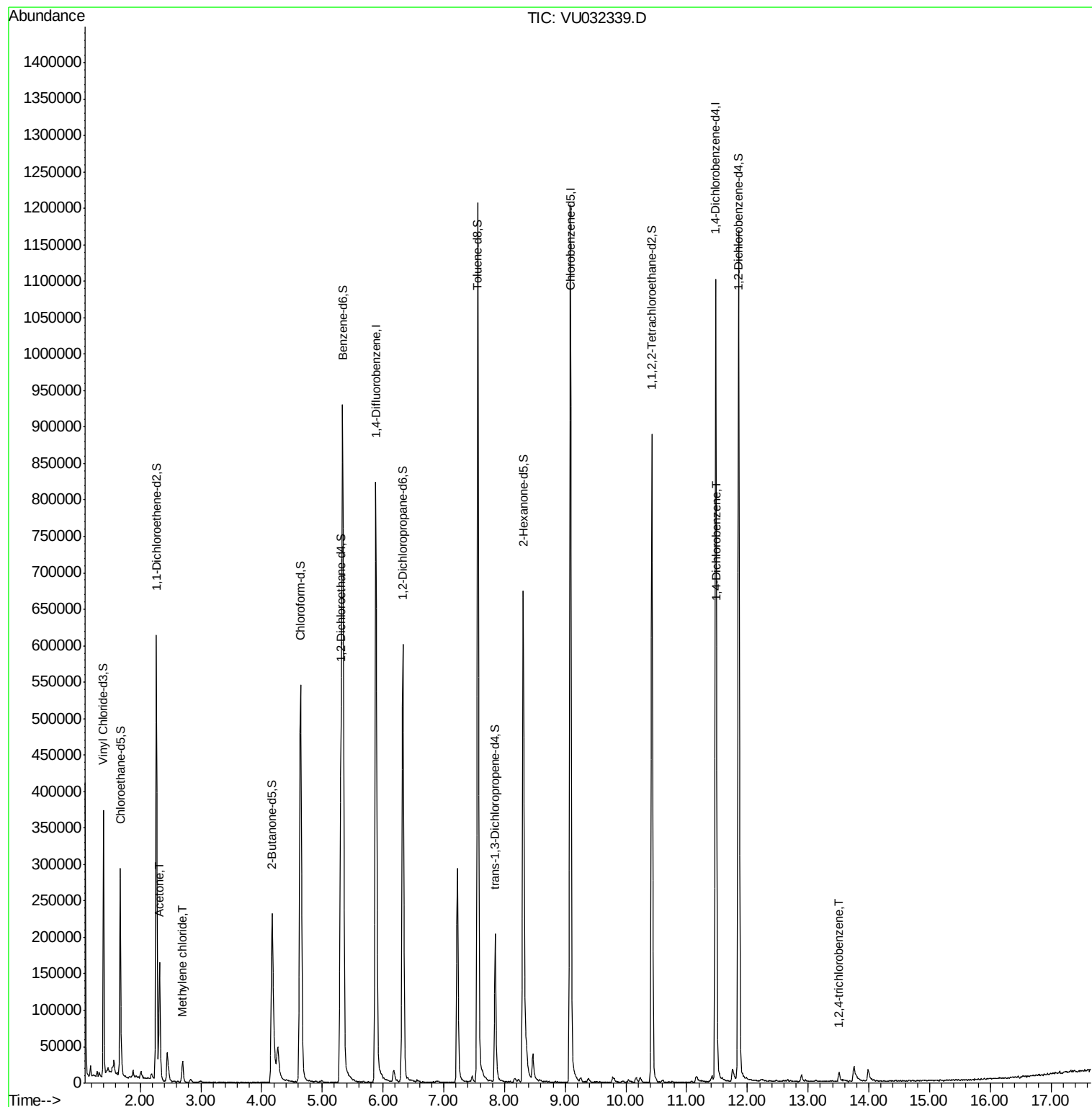
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	157926	46.495	ug/L	96
16) Methylene chloride	2.70	84	14293	2.550	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	5033	0.514	ug/L #	77
68) 1,2,4-trichlorobenzene	13.51	180	5207	0.958	ug/L #	89

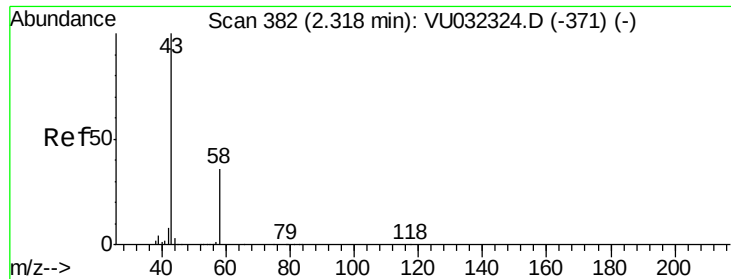
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 46.495 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032339.D

Acq: 28 May 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

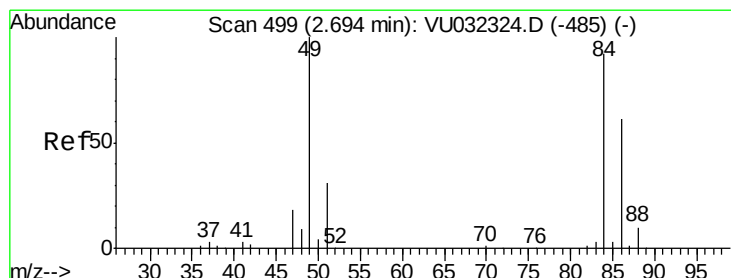
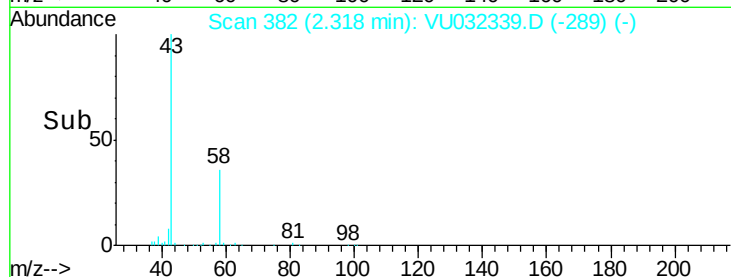
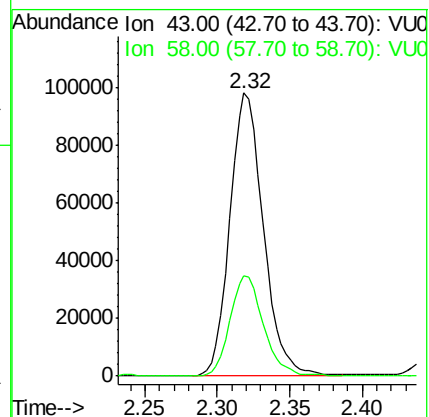
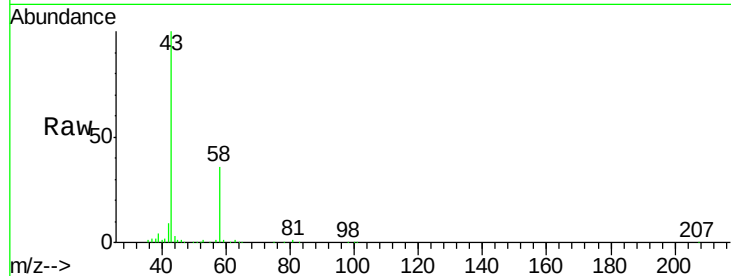
A51G1

Tot Ion: 43 Resp: 157926

Ion Ratio Lower Upper

43 100

58 34.5 0.0 73.6



#16

Methylene chloride

Concen: 2.550 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

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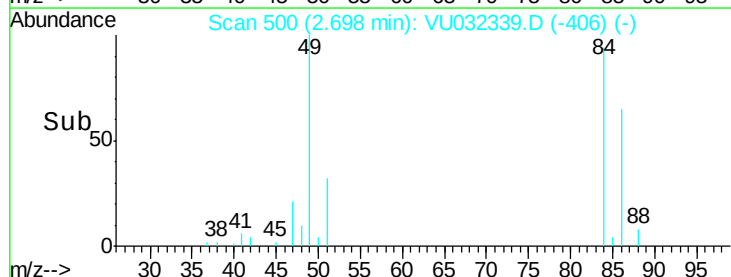
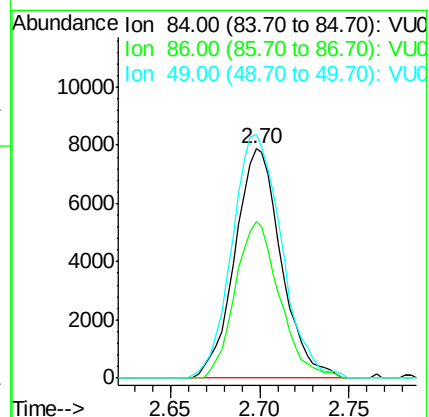
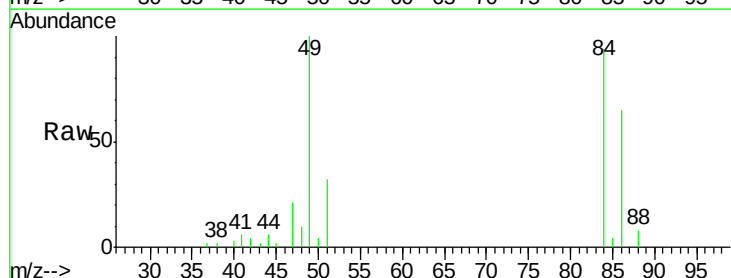
Tgt Ion: 84 Resp: 14293

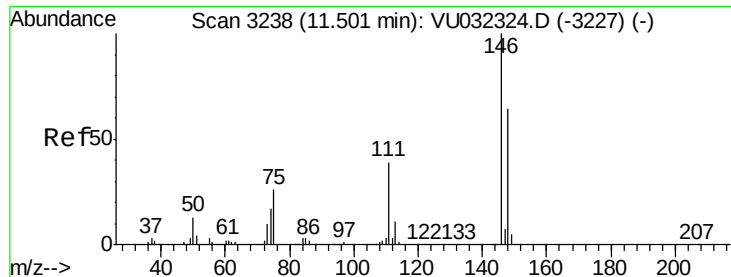
Ion Ratio Lower Upper

84 100

86 68.6 45.0 83.6

49 106.3 75.9 140.9

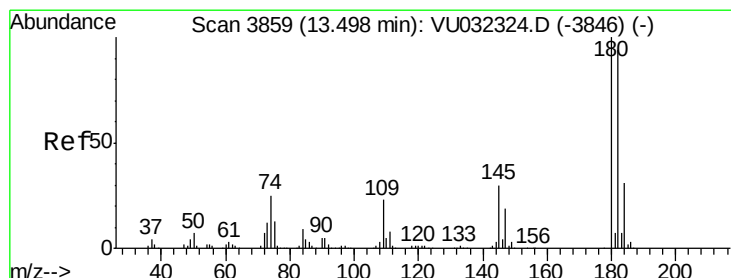
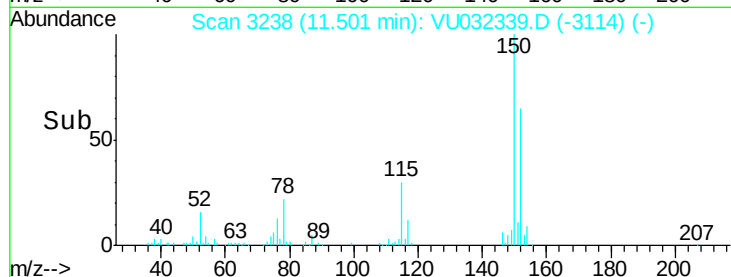
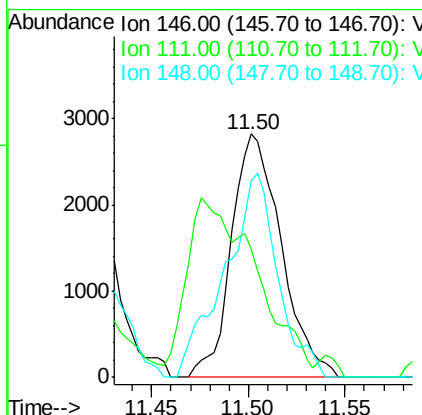
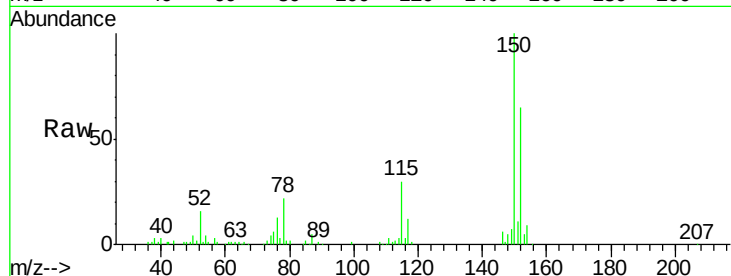




#63
 1,4-Dichlorobenzene
 Concen: 0.514 ug/L
 RT: 11.50 min Scan# 3238
 Delta R.T. 0.00 min
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Tot Ion:146 Resp: 5033
 Ion Ratio Lower Upper
 146 100
 111 52.7 25.6 47.4#
 148 80.4 45.0 83.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.958 ug/L
 RT: 13.51 min Scan# 3864
 Delta R.T. 0.02 min
 Lab File: VU032339.D
 Acq: 28 May 2019 19:45

Tgt Ion:180 Resp: 5207
 Ion Ratio Lower Upper
 180 100
 182 104.8 78.2 117.4
 145 15.7 23.0 34.4#

