

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052720\
 Data File : VU038319.D
 Acq On : 27 May 2020 14:37
 Operator : JC/MD
 Sample : L2749-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4X7

Quant Time: May 28 05:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	294458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142955	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90934	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.93	69	83742	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.59	63	140004	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.66	46	348155	52.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	5.10	84	200908	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	119313	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.76	84	412673	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.72	67	133705	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	366879	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.20	79	51548	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.66	63	278152	52.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111703	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	146151	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

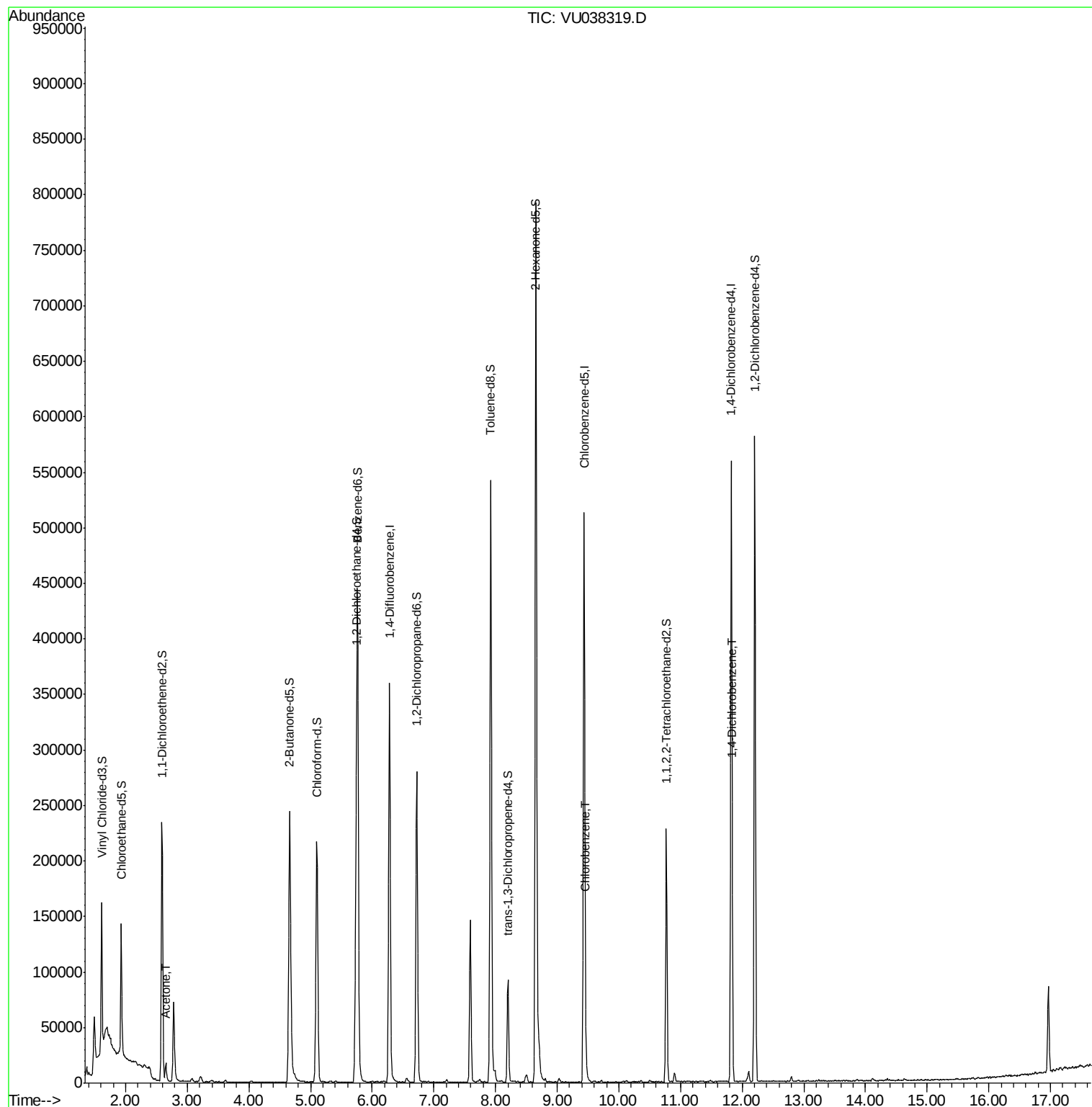
Target Compounds					Ovalue
13) Acetone	2.65	43	18025	4.323 ug/L	97
51) Chlorobenzene	9.47	112	10634	0.176 ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	4375	0.093 ug/L	93

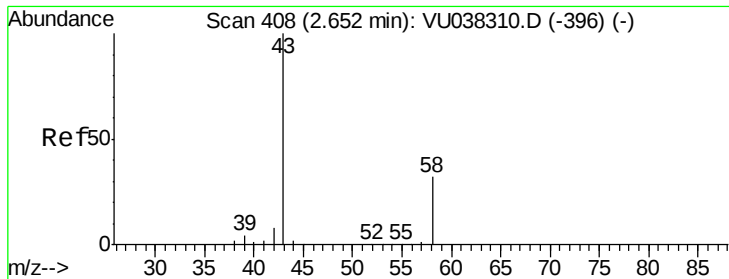
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.323 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

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Acq: 27 May 2020 14:37

Instrument :

MSVOA_U

ClientSampleId :

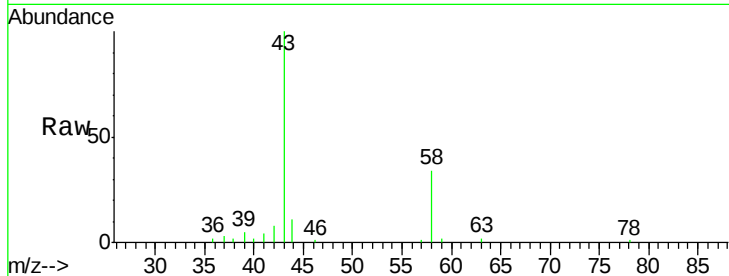
BE4X7

Tot Ion: 43 Resp: 18025

Ion Ratio Lower Upper

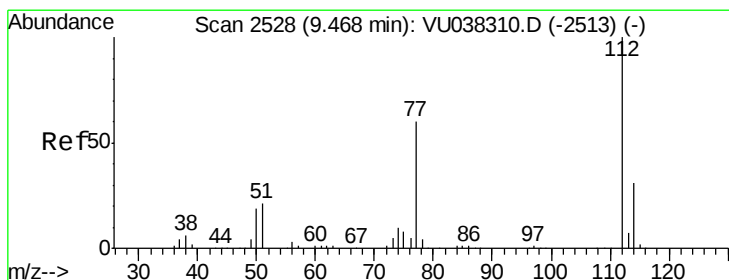
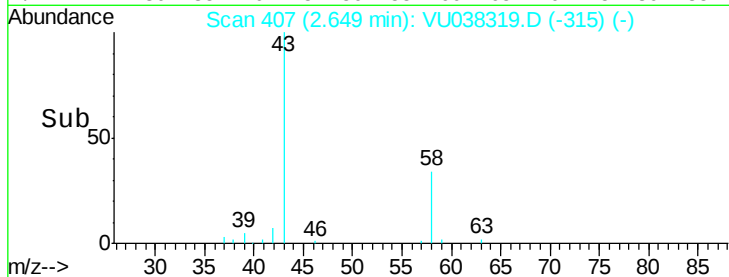
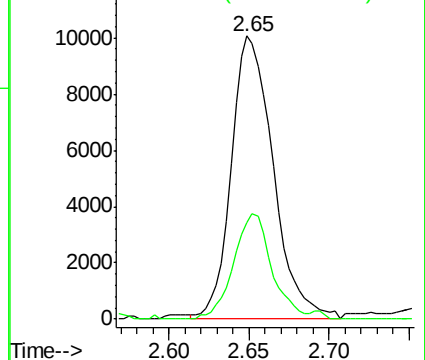
43 100

58 33.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038319.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038319.D (-315) (-)



#51

Chlorobenzene

Concen: 0.176 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038319.D

Acq: 27 May 2020 14:37

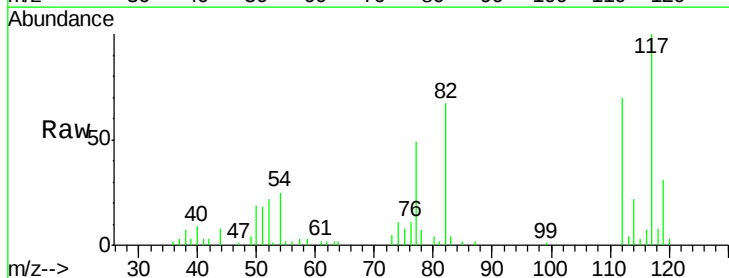
Tgt Ion: 112 Resp: 10634

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

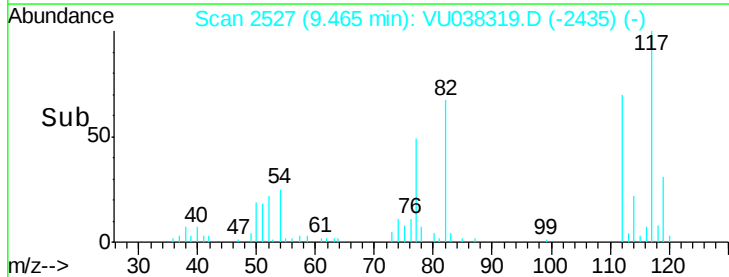
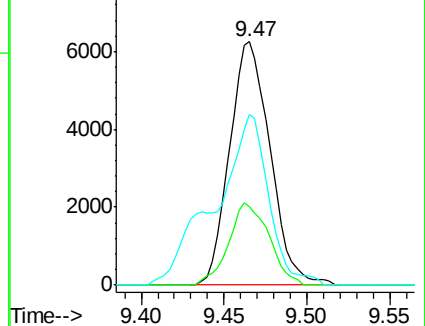
77 70.1 49.9 74.9

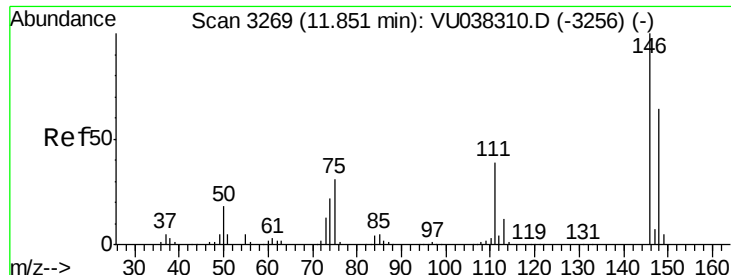


Abundance Ion 112.10 (111.80 to 112.80): VU038319.D (-2435) (-)

Ion 114.05 (113.75 to 114.75): VU038319.D (-2435) (-)

Ion 77.10 (76.80 to 77.80): VU038319.D (-2435) (-)





#63

1,4-Dichlorobenzene

Concen: 0.093 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

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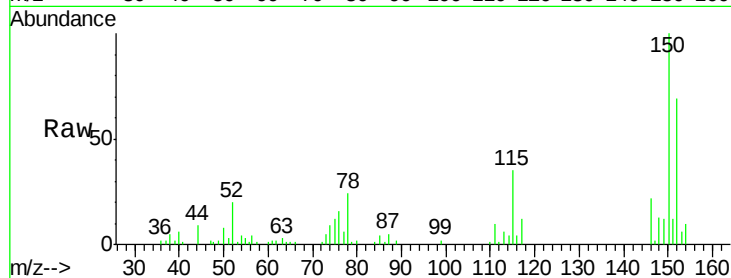
Tot Ion:146 Resp: 4375

Ion Ratio Lower Upper

146 100

111 46.9 27.2 50.6

148 60.0 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

