

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035338.D
 Acq On : 21 Oct 2019 22:35
 Operator : JC/SP
 Sample : K5421-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB0

Quant Time: Oct 22 07:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 06:40:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	287294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	286235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	100546	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	80636	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	78461	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.60	63	114205	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.71	46	251360	49.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	5.11	84	163767	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.75	65	92344	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.77	84	323699	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.74	67	109737	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.93	98	285556	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.22	79	40038	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.69	63	189776	42.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.32%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90423	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92169	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

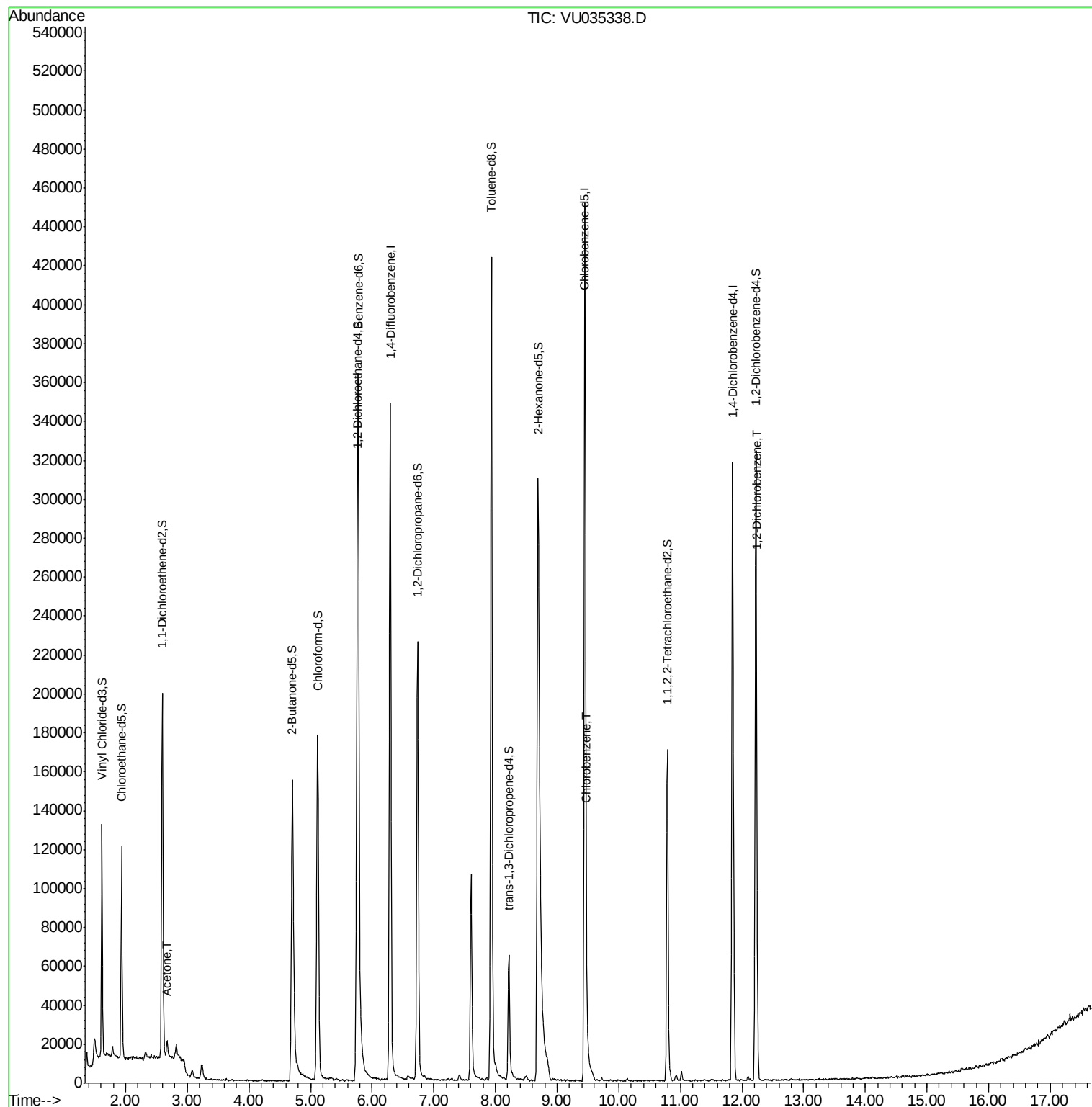
Target Compounds					Ovalue
13) Acetone	2.67	43	8549	2.441 ug/L	89
51) Chlorobenzene	9.48	112	9130	0.152 ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	11841	0.367 ug/L	97

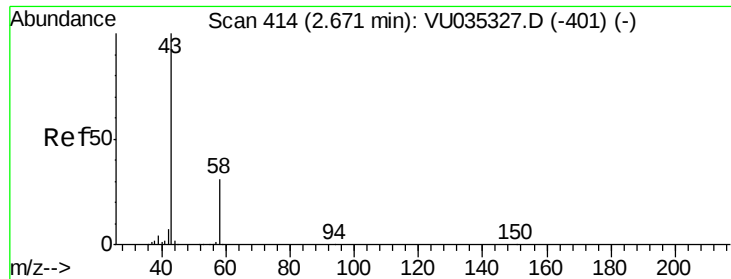
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.441 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

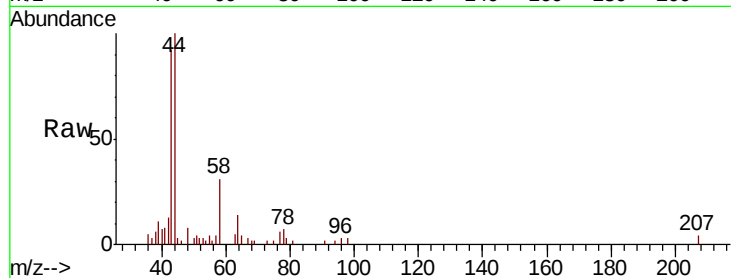
C0AB0

Tot Ion: 43 Resp: 8549

Ion Ratio Lower Upper

43 100

58 36.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035338.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU035338.D (-321) (-)

2.67

6000

5000

4000

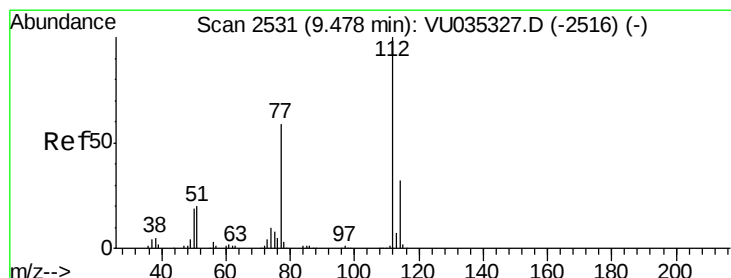
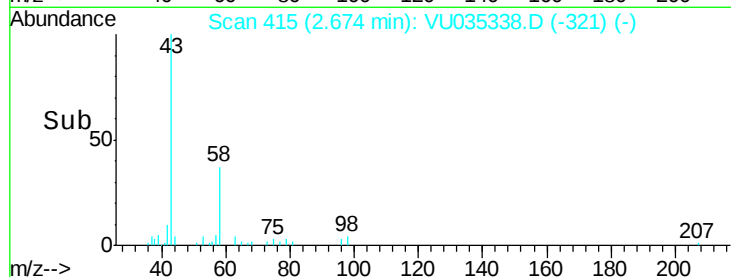
3000

2000

1000

0

Time--> 2.60 2.65 2.70 2.75



#51

Chlorobenzene

Concen: 0.152 ug/L

RT: 9.48 min Scan# 2532

Delta R.T. 0.00 min

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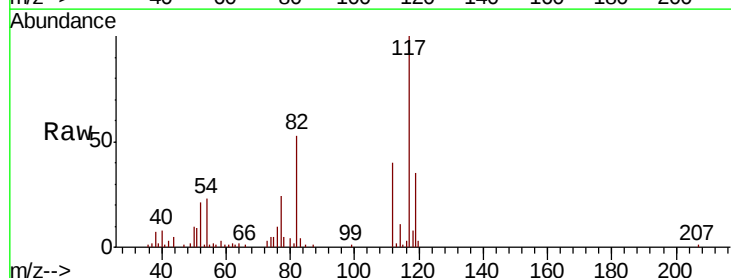
Tgt Ion: 112 Resp: 9130

Ion Ratio Lower Upper

112 100

114 28.0 23.0 42.8

77 60.9 47.5 71.3



Abundance Ion 112.10 (111.80 to 112.80): VU035338.D (-2438) (-)

Ion 114.05 (113.75 to 114.75): VU035338.D (-2438) (-)

Ion 77.10 (76.80 to 77.80): VU035338.D (-2438) (-)

9.48

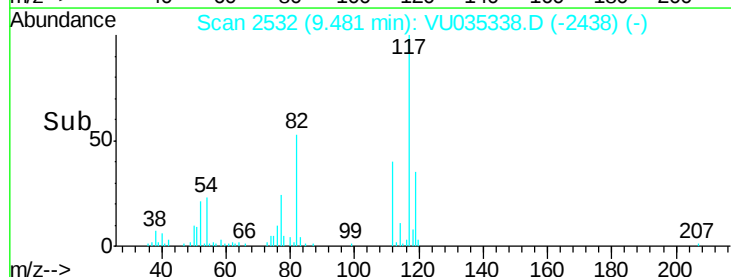
6000

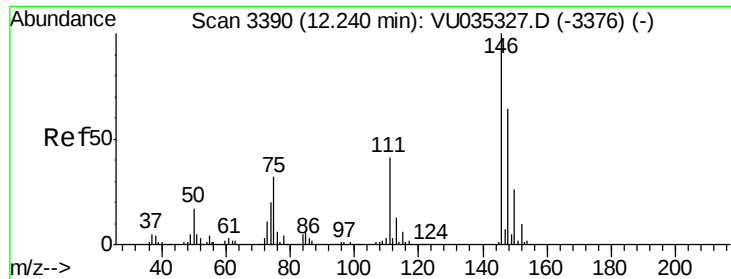
4000

2000

0

Time--> 9.40 9.45 9.50 9.55





#65
 1,2-Dichlorobenzene
 Concen: 0.367 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
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Tot Ion:146 Resp: 11841
 Ion Ratio Lower Upper
 146 100
 111 43.6 33.0 49.6
 148 61.2 51.0 76.4

